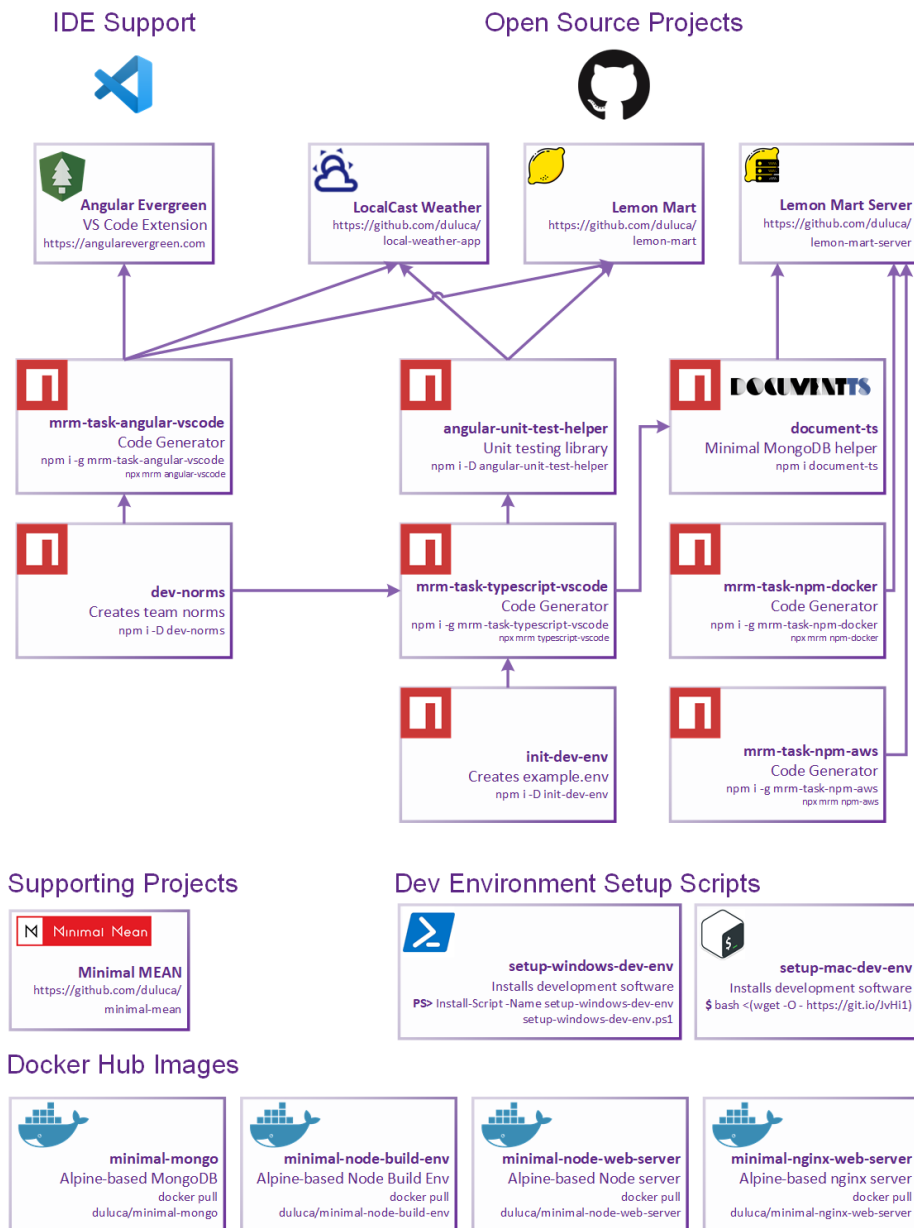
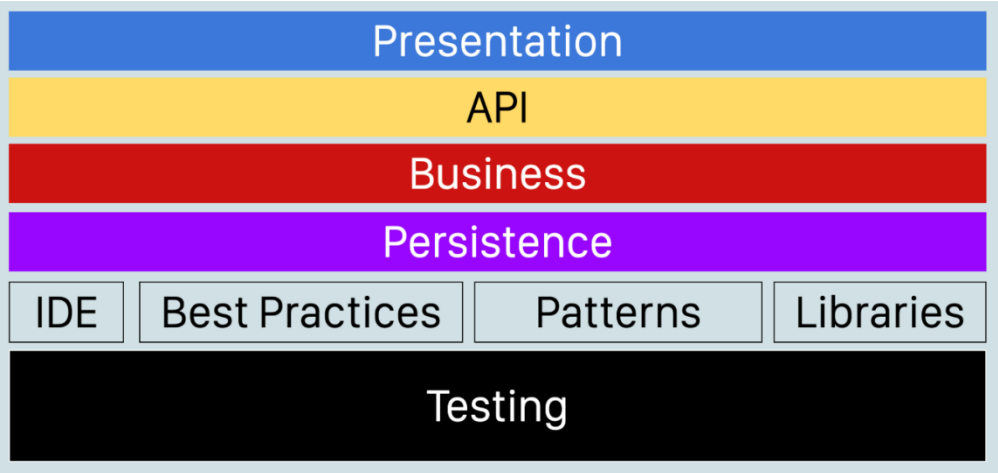
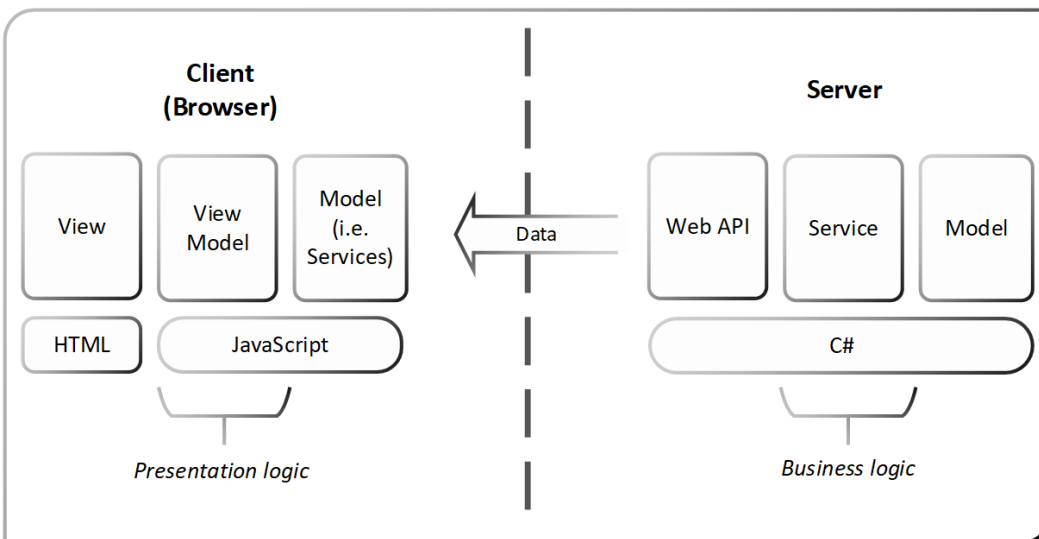
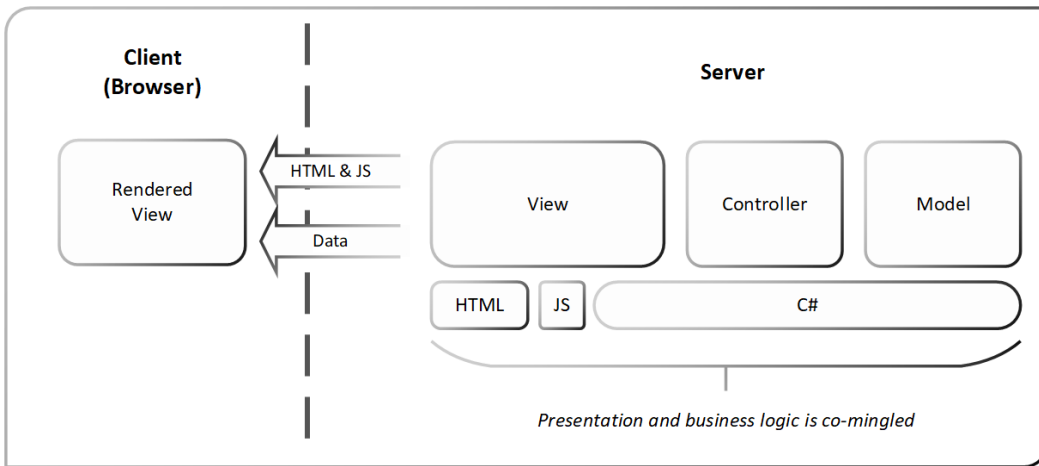
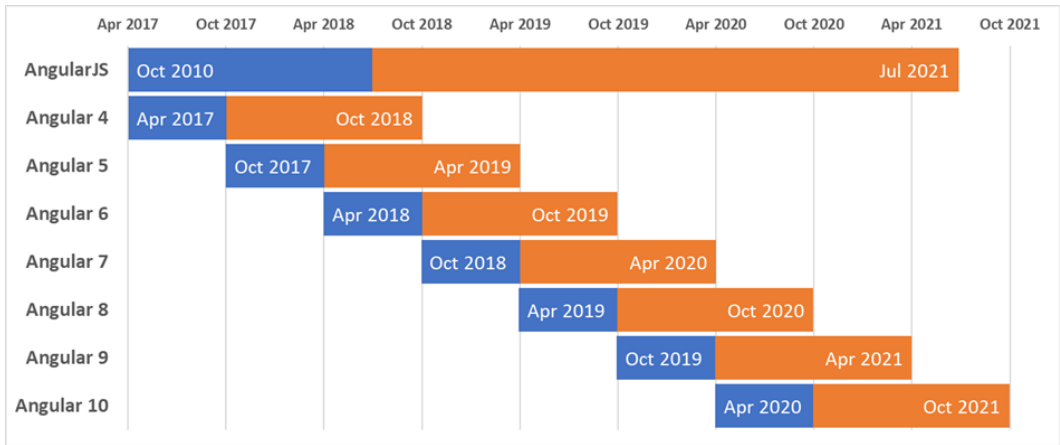


Chapter 1: Introduction to Angular and Its Concepts


























File Edit Selection View Go Debug Terminal

ANGULAR EVERGREEN




▼ **VERSIONS** 

- ▼  Current CLI: 9.0.0
 - Latest: 9.0.1
 -  Next: 9.0.0
- ▼  Current Core: 9.0.0
 - Latest: 9.0.0
 -  Next: 9.0.0

▼ **QUICK COMMANDS**

-  Configure VS Code for Angular
- ▼  Update with Angular CLI
 -  Update Angular CLI & Core
 -  Update Angular --all
 -  Update Angular --all --force
 -  Update Angular CLI & Core --next
 -  Update Angular --next --all
 -  Update Angular --next --all --force
- ▼  Update npm Packages
 -  Check npm packages
 -  Apply npm updates
 -  Run Post-Update Checkup

▼ **NEED HELP?**

-  [How to Update](#)
-  [Visit \[blog.angular.io\]\(http://blog.angular.io\)](#)
-  [Request Consulting](#)

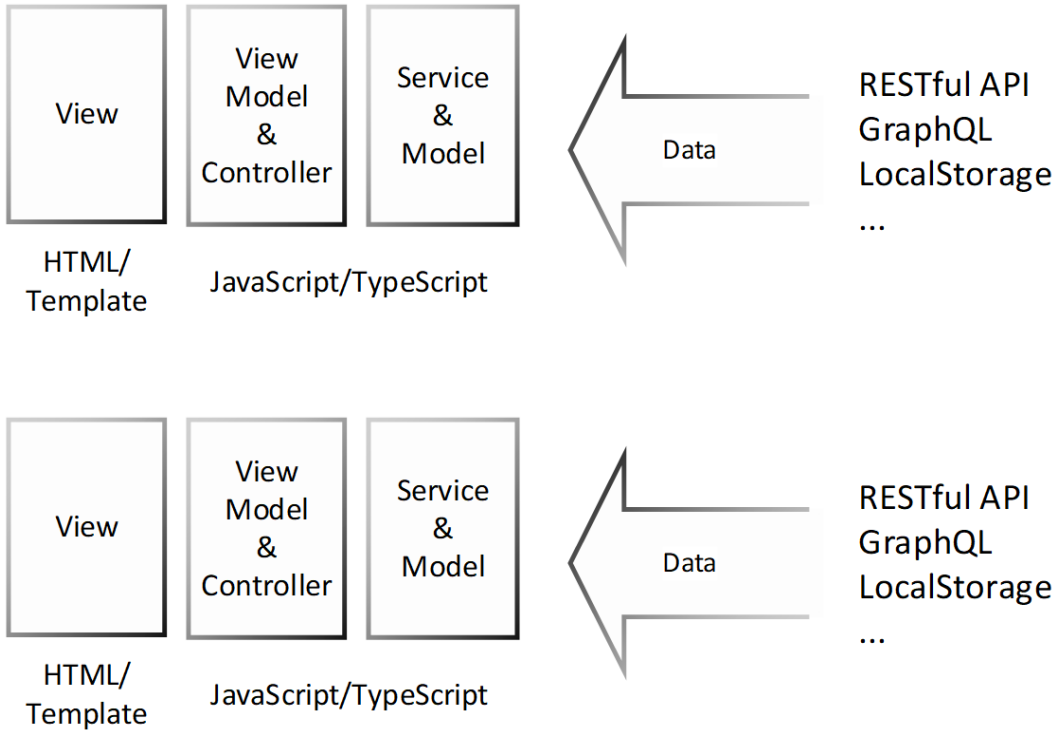
The JavaScript Feature Gap

Most Compatible ← users → TC39 Proposals

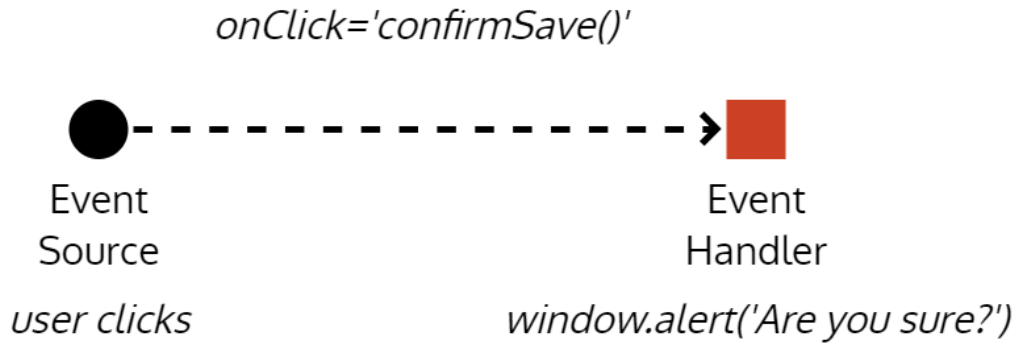
	Past	Present	Future
2015	ES3	ES5	ES2015 (aka ES6)
2016	ES3	ES5 & ES2015	ES2016
2017	ES3 & ES5	ES2015 & ES2016	ES2017

The Feature Gap

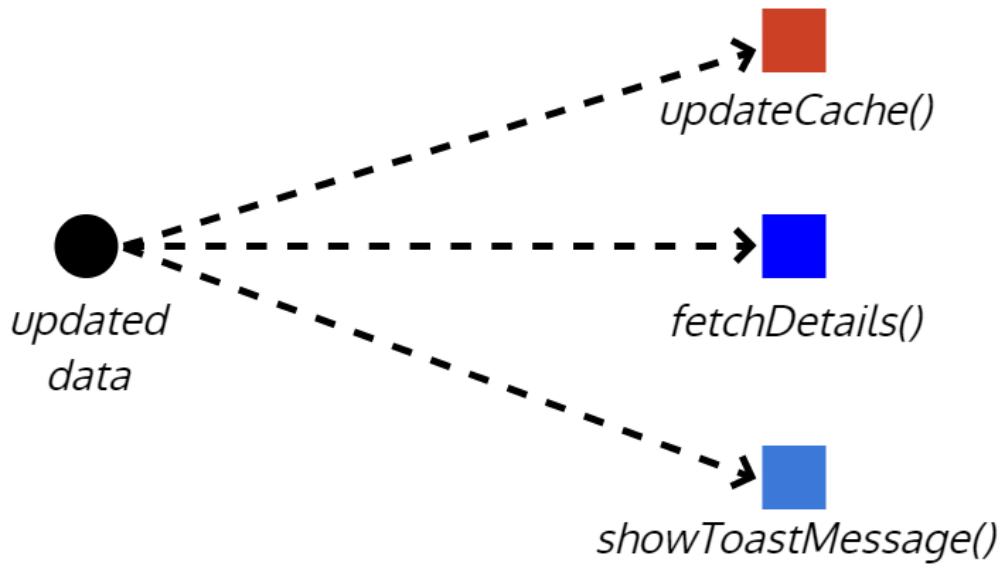
Least Productive ← developers → Most Productive



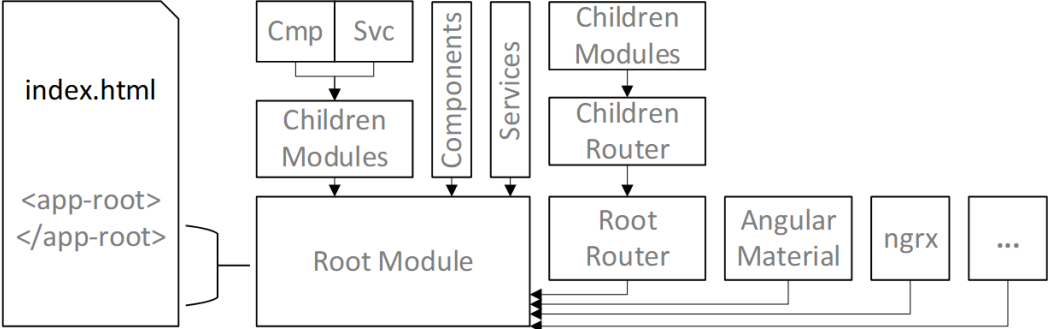
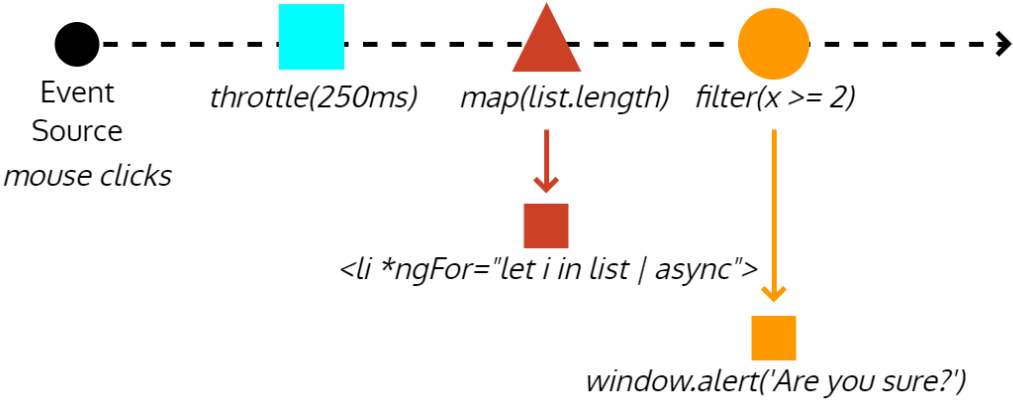
Event-Driven

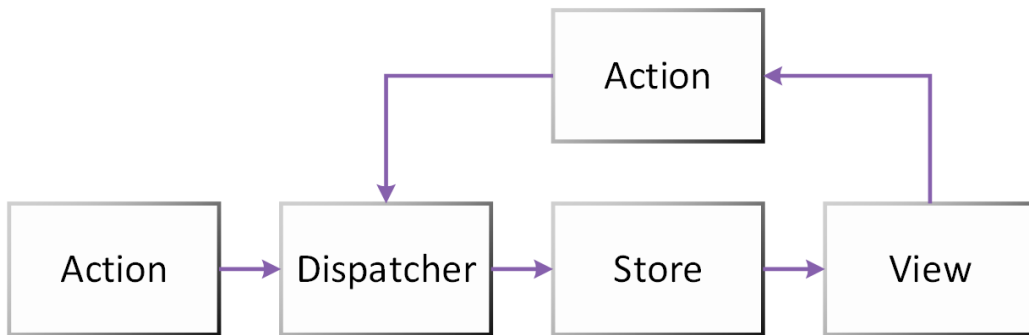
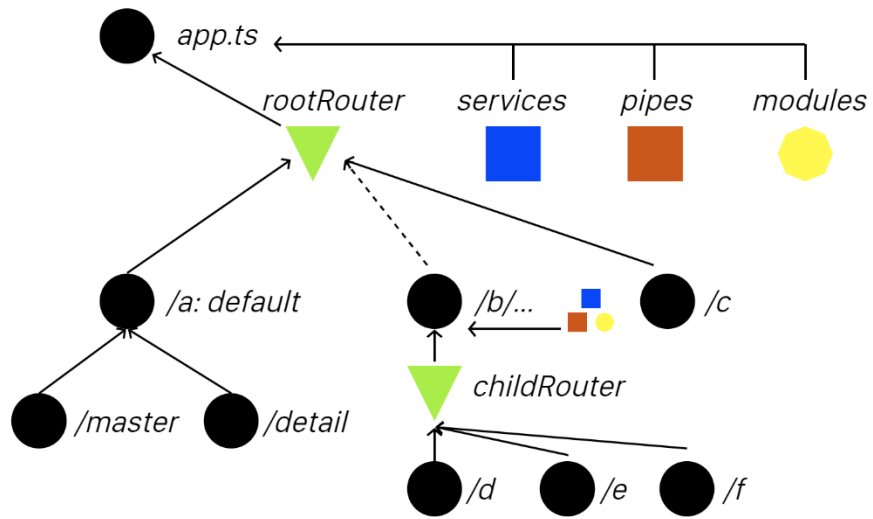


Publish-Subscribe Pattern

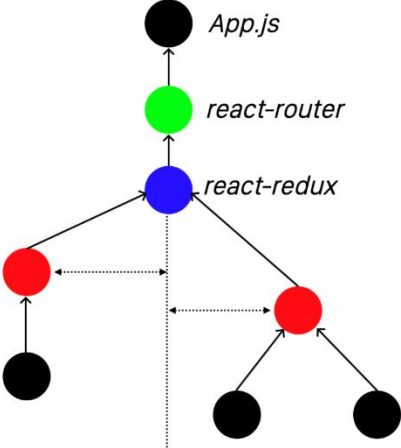
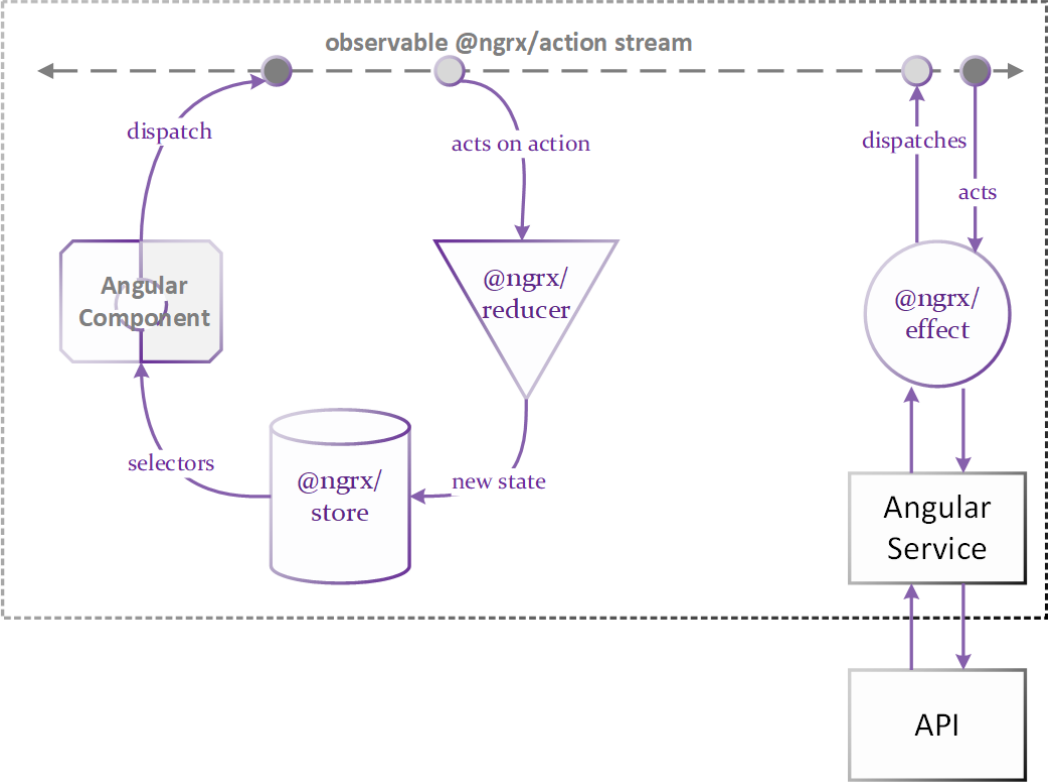


Reactive Streams





Angular Application



Component Legend

- Presentational
- Container
- Provider
- Router

Chapter 2: Setting Up Your Development Environment

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\WINDOWS\system32> choco
Chocolatey v0.10.8
Please run 'choco -?' or 'choco <command> -?' for help menu.
PS C:\WINDOWS\system32>
```

```
du — du@dougi-mbp13 — ~ — zsh — 80x24
[du@dougi-mbp13 ~]# brew
Example usage:
brew search [TEXT|/REGEX/]
brew (info|home|options) [FORMULA...]
brew install FORMULA...
brew update
brew upgrade [FORMULA...]
brew uninstall FORMULA...
brew list [FORMULA...]
```

▲ Try this:

```
539 git reset --hard HEAD
git pull
```

▼ Should do what you want.

File Edit View Repository Branch Help

Current repository: local-weather-app | Current branch: master | Publish repository: Publish this repository to GitHub

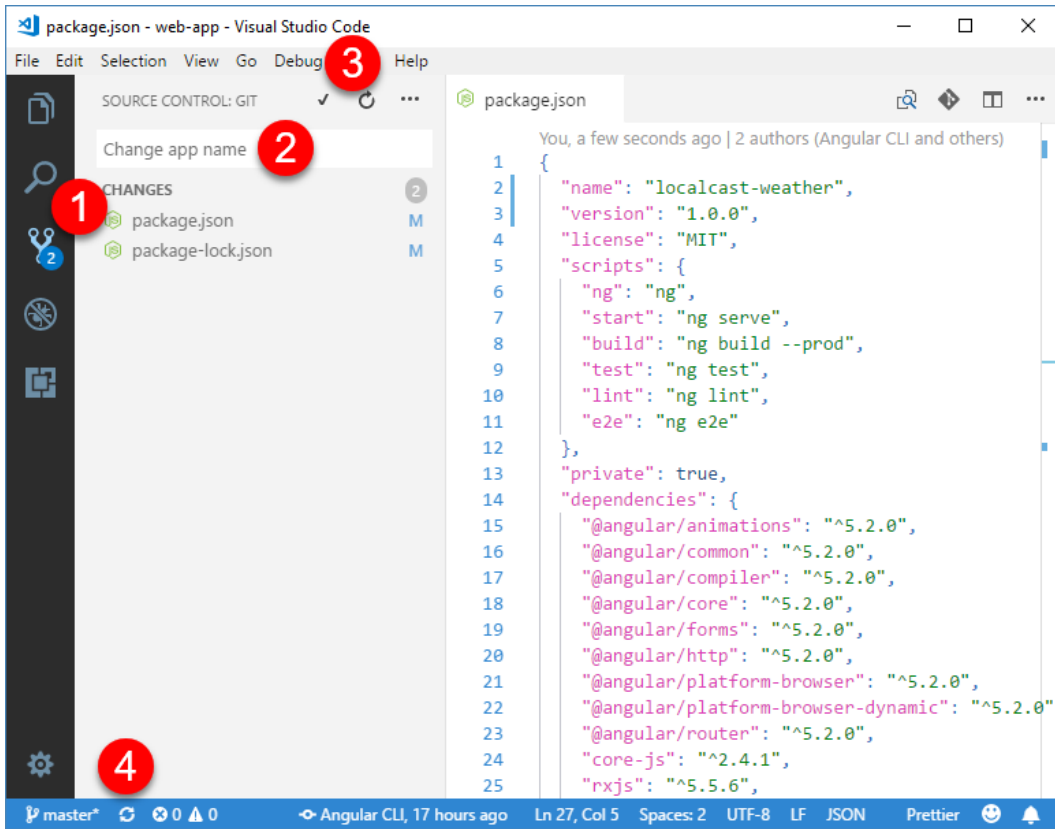
Changes | History


No branches to compare


initial commit | Doguhan Uluca • 3m

initial commit | Doguhan Uluca | ccf7ee6 | 30 changed files | Hide Whitespace

.editorconfig	+	@@ -0,0 +1,16 @@
.gitignore	+	1 # Editor configuration, see https://editorconfig.org
README.md	+	2 +root = true
angular.json	+	3 +
browserslist	+	4 +[*]
e2e\src\app.e2e-spec.ts	+	5 +charset = utf-8
e2e\src\app.po.ts	+	6 +indent_style = space
e2e\tsconfig.json	+	7 +indent_size = 2
karma.conf.js	+	8 +insert_final_newline = true
package-lock.json	+	9 +trim_trailing_whitespace = true
package.json	+	10 +
src\app\app.component.css	+	11 +[*].ts
src\app\app.component.html	+	12 +quote_type = single
src\app\app.component.spec.ts	+	13 +
src\app\app.component.ts	+	14 +[*].md
src\app\app.module.ts	+	15 +max_line_length = off
src\assets\gitkeep	+	16 +trim_trailing_whitespace = false






Welcome 

 local-weather-app is running!

Resources

Here are some links to help you get started:


-  [Learn Angular >](#)
-  [CLI Documentation >](#)
-  [Angular Blog >](#)


Next Steps

What do you want to do next with your app?

- + New Component
- + Angular Material
- + Add PWA Support
- + Add Dependency
- + Run and Watch Tests
- + Build for Production

```
ng generate component xyz
```



Love Angular? [Give our repo a star.](#)  [Star >](#)

```
8 export class AppComponent {  
9   title = 'app';  
10 }
```

You, a few seconds ago • Uncommitted change

- Fix: Unnecessary semicolon
- Disable rule "semicolon"
- Show documentation for "semicolon"

Chapter 3: Creating a Basic Angular App

The screenshot shows the GitHub interface for creating a new project. At the top, there is a search bar and navigation links for Pull requests, Issues, Marketplace, and Explore. Below this, the repository name 'duluca / local-weather-app' is displayed, along with statistics for Watch (4), Unstar (16), and Fork (16). A navigation bar includes links for Code, Issues (5), Pull requests (1), Projects (0), Wiki, Insights, and Settings. The main content area is titled 'Create a new project' and includes a sub-header 'Project board name' with a text input field containing 'Local Weather App'. Below that is a 'Description (optional)' section with a large text area. The 'Project template' section offers a dropdown menu with 'Automated kanban' selected. A green 'Create project' button is positioned at the bottom of the form. The footer contains copyright information for 2019 GitHub, Inc. and various links such as Terms, Privacy, Security, Status, Help, Contact GitHub, Pricing, API, Training, Blog, and About.

Search or jump to... / Pull requests Issues Marketplace Explore

duluca / local-weather-app Watch 4 Unstar 16 Fork 16

<> Code Issues 5 Pull requests 1 Projects 0 Wiki Insights Settings

Create a new project

Coordinate, track, and update your work in one place, so projects stay transparent and on schedule.

Project board name

Description (optional)

Project template

Save yourself time with a pre-configured project board template.

Template: Automated kanban ▾

[Create project](#)

© 2019 GitHub, Inc. Terms Privacy Security Status Help Contact GitHub Pricing API Training Blog About

Local Weather App
Updated 1 minute ago

Filter cards + Add cards Fullscreen Menu

To do + ...

- Welcome to GitHub Projects
We're so excited that you've decided to create a new project! Now that you're here, let's make sure you know how to get the most out of GitHub Projects.
- Create a new project
- Give your project a name
- Press the `?` key to see available keyboard shortcuts
- Add a new column
- Drag and drop this card to the new column
- Search for and add issues or PRs to your project
- Manage automation on columns
- Archive a card or archive all cards in a column

Added by duluca

Cards ...
Customize the cards in this board

Automated as **To do** [Manage](#)

In progress + ...

Automated as **In progress** [Manage](#)

Done + ...

Automated as **Done** [Manage](#)

+ Add column

Add a column



Column name

Backlog

Automation

Choose a preset to enable progress tracking, automation, and better context sharing across your project.

Preset: **To do** ▾

Move issues here when...

Newly added

The **To do** column is already using this rule.

Reopened

The **In progress** column is already using this rule.

Move pull requests here when...

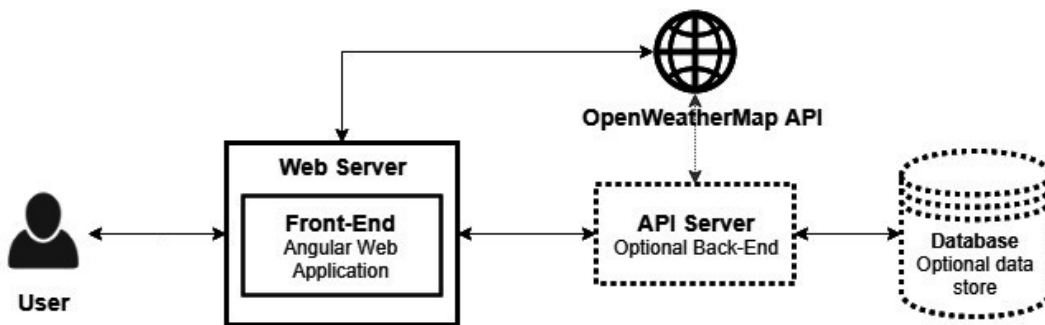
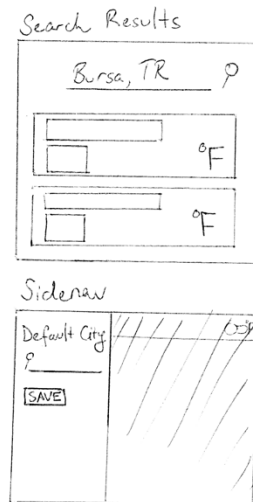
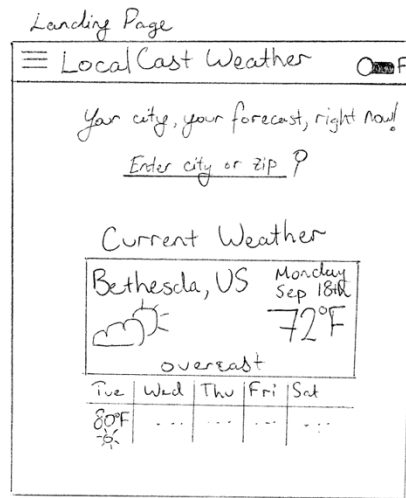
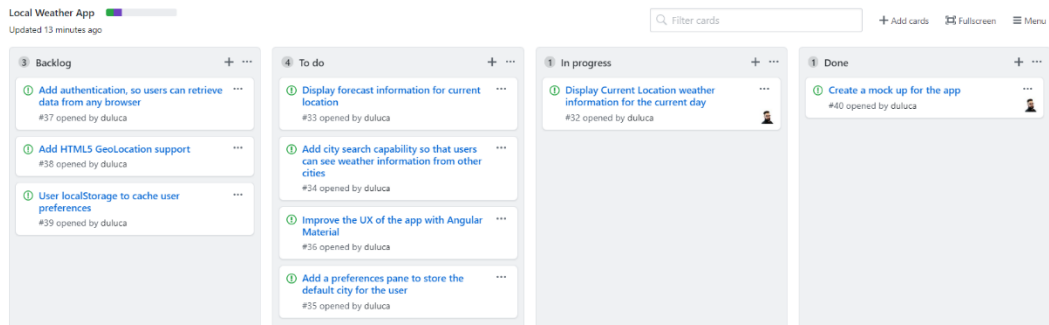
Newly added

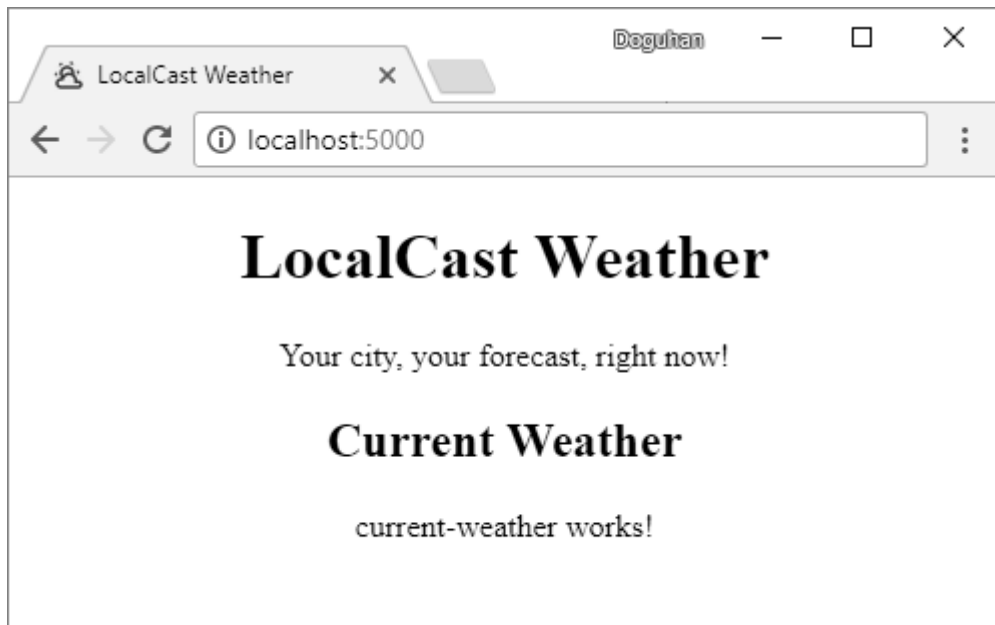
The **In progress** column is already using this rule.

Reopened

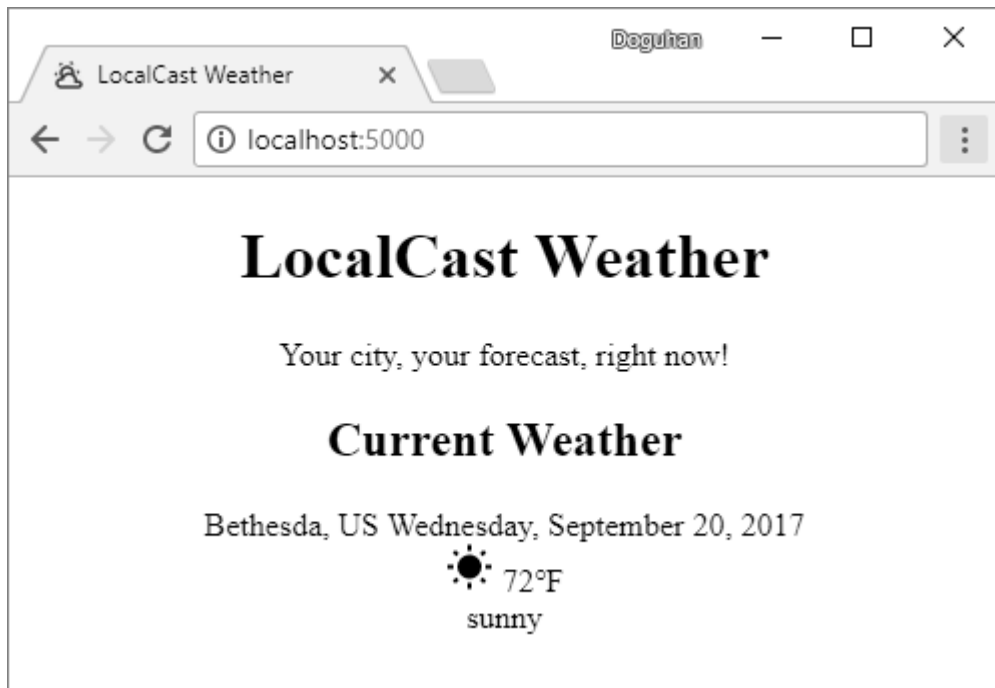
The **In progress** column is already using this rule.

Create column





```
current: ICurrentWeather
construct
  this.cu
  city:
  count
}
}
ngOnInit(
import ICurrentWeather
```




LocalCast Weather

Your city, your forecast, right now!

Current Weather

Bethesda, US Wednesday, September 20, 2017

 72°F
sunny

Current weather data

Home / API / Current weather

Access current weather data for any location on Earth including over 200,000 cities! Current weather is frequently updated based on global models and data from more than 40,000 weather stations. Data is available in JSON, XML, or HTML format.

Call current weather data for one location

Please remember that all Examples of API calls that listed on this page are just samples and do not have any connection to the real API service!

By city name

Description:

You can call by city name or city name and country code. API responds with a list of results that match a searching word.

There is a possibility to receive a central district of the city/town with its own parameters (geographic coordinates/id/name) in API response. [Example](#)

API call:

`api.openweathermap.org/data/2.5/weather?q=(city name)`

`api.openweathermap.org/data/2.5/weather?q=(city name),(country code)`

Parameters:

q city name and country code divided by comma, use ISO 3166 country codes

Examples of API calls:

`api.openweathermap.org/data/2.5/weather?q=London`

`api.openweathermap.org/data/2.5/weather?q=London,uk`

- Call current weather data for one location
 - By city name
 - By city ID
 - By geographic coordinates
 - By ZIP code
- Call current weather data for several cities
 - Cities within a rectangle zone
 - Cities in cycle
 - Call for several city IDs
- Bulk downloading
- Parameters of API respond
 - JSON
 - XML
 - List of condition codes
 - Min/max temperature in current weather API and forecast API
- Other features
 - Format
 - Search accuracy
 - Units format
 - Multilingual support
 - Call back function for JavaScript code

LocalCast Weather

Your city, your forecast, right now!

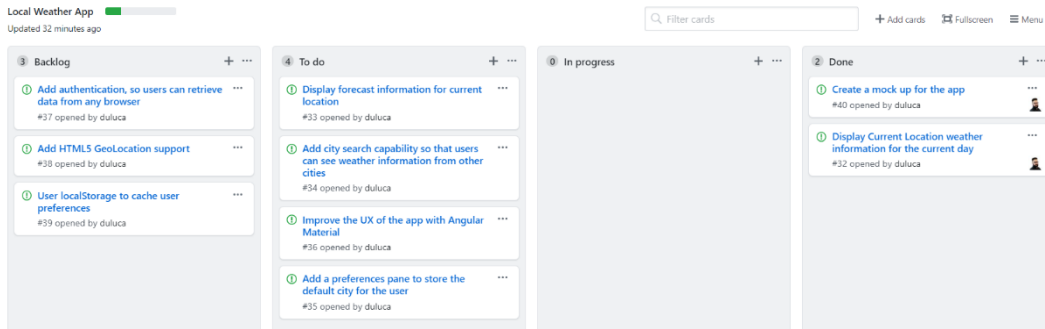
Current Weather

Bethesda, US Friday, September 22, 2017



67°F

mist



LocalCast Weather

Your city, your forecast, right now!

Current Weather

, Wednesday, December 31, 1969
0°F

LocalCast Weather

Your city, your forecast, right now!

Current Weather

°F

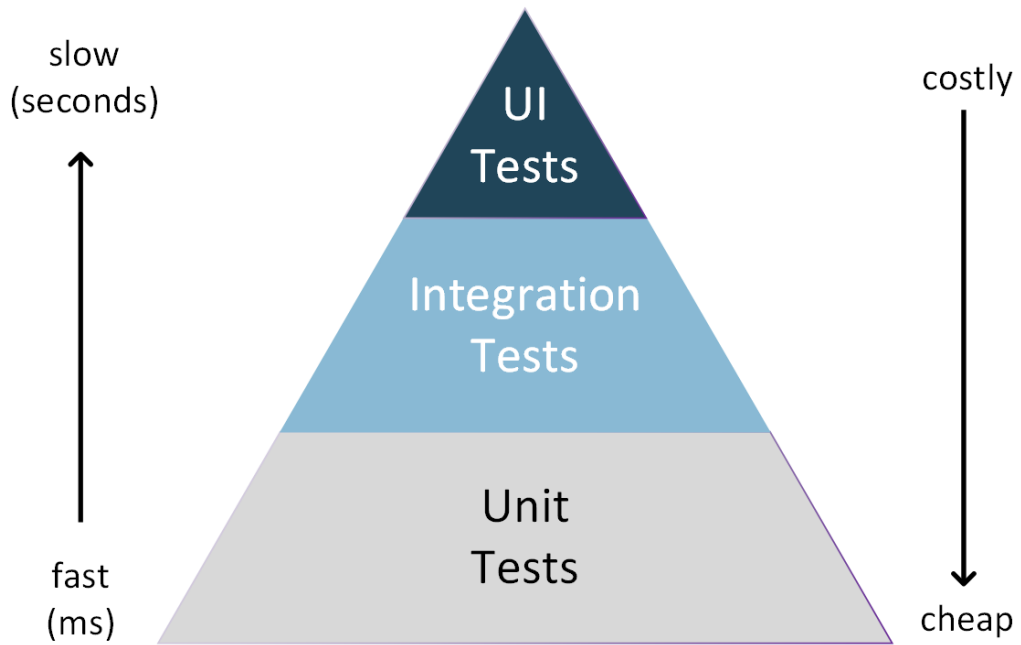
LocalCast Weather

Your city, your forecast, right now!

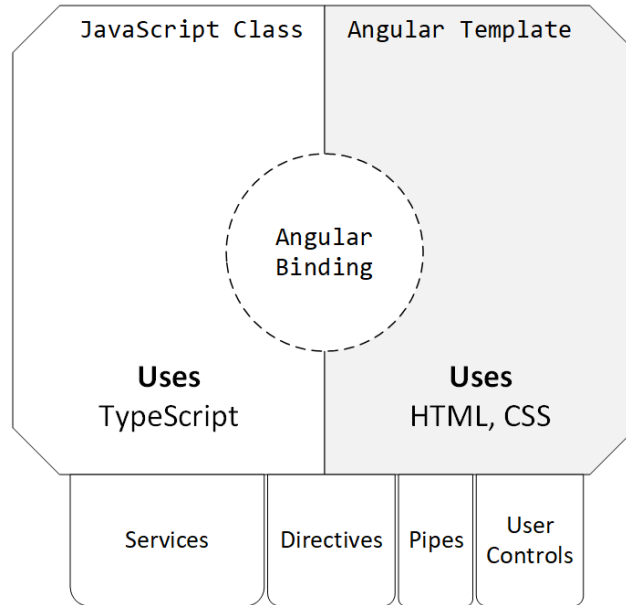
Current Weather

no data

Chapter 4: Automated Testing, CI, and Release to Production



Angular Component



Karma v4.4.1 - connected DEBUG

Chrome 80.0.3987 (Windows 10.0.0) is idle

Jasmine 3.5.0 Options

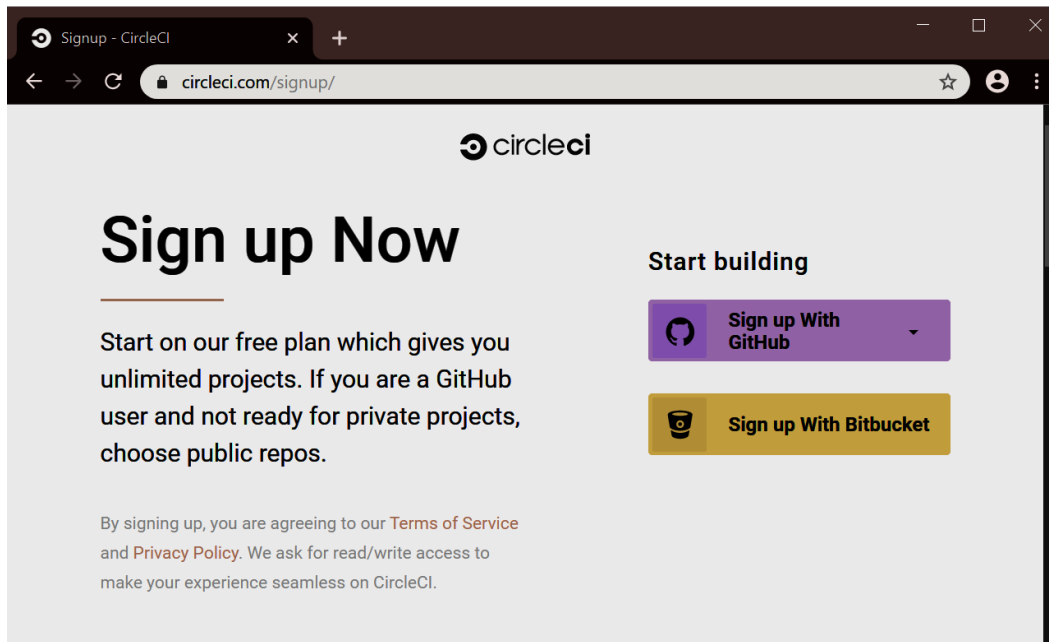
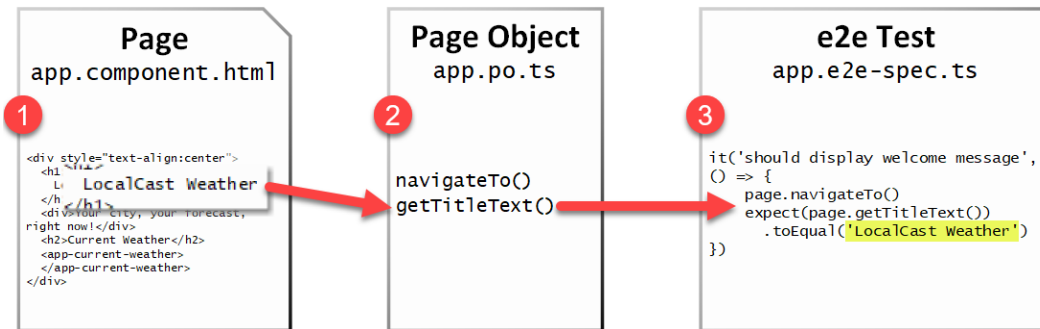
4 specs, 2 failures, randomized with seed 10036 Finished in 0.114s




[Spec List](#) | [Failures](#)

weatherService > should be created

```
NullInjectorError: R3InjectorError(DynamicTestModule)[weatherService -> HttpClient -> HttpClient]:
  NullInjectorError: No provider for HttpClient!

error properties: Object({ ngTempTokenPath: null, ngTokenPath: [ 'weatherService', 'HttpClient', 'HttpClient' ] })
at <Jasmine>
at NullInjector.get (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:1076:1)
at R3Injector.get (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:1662:1)
at R3Injector.get (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:1662:1)
at injectInjectorOnly (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:931:1)
at ɵinject (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:941:1)
at Object.WeatherService_Factory [as factory] (ng:///WeatherService/efac.js:5:42)
at R3Injector.hydrate (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:16862:42)
at R3Injector.get (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:16614:1)
at NgModule.ɵɵef51.get (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/core.js:36034:1)
at TestBedKender3.inject (http://localhost:9876/_karma_webpack_/C:/dev/local-weather-app/node_modules/@angular/core/_ivy_ngcc_/fesm2015/testing.js:3110:1)
```



duluca ▼   

Add Projects

CircleCI helps you ship better code, faster. Let's add some projects on CircleCI.

To kick things off, you'll need to choose a project to build. We'll start a new build for you each time someone pushes a new commit.

1 Linux / Windows macOS

Show Forks Unfollow all projects

lemon-mart	Unfollow Project
web-dev-environment-setup	Set Up Project
lemon-mart-server	Unfollow Project
document-ts	Unfollow Project
local-weather-app	2 Set Up Project

Jobs » duluca » local-weather-app

By project ▾ My branches All branches

My jobs All jobs

- lemon-mart
- document-ts
- lemon-mart-server
- local-weather-app
- angular-unit-test-helper
- init-dev-env
- minimal-mean

SUCCESS

upgrade-to-ng8 #98

fixed tslint error

11 days ago 02:55

#20 d17a4b0

build-test-and-approval-deploy build

FAILED

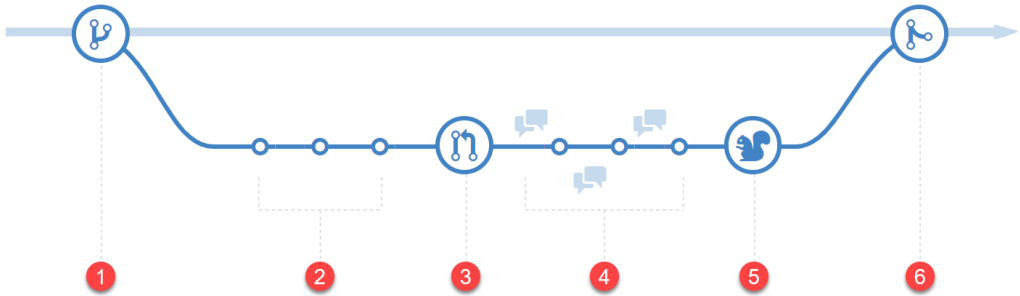
upgrade-to-ng8 #97

Merge branch 'master' into upgrade-to-ng8

11 days ago 00:58

#20 11a0704

build-test-and-approval-deploy build



Branch protection rule

Branch name pattern <input type="text" value="master"/> Applies to 1 branch <input type="text" value="master"/>
Rule settings
Protect matching branches Disables force-pushes to all matching branches and prevents them from being deleted.
<input checked="" type="checkbox"/> Require pull request reviews before merging When enabled, all commits must be made to a non-protected branch and submitted via a pull request with the required number of approving reviews and no changes requested before it can be merged into a branch that matches this rule.
<input checked="" type="checkbox"/> Require status checks to pass before merging Choose which status checks must pass before branches can be merged into a branch that matches this rule. When enabled, commits must first be pushed to another branch, then merged or pushed directly to a branch that matches this rule after status checks have passed.
<input checked="" type="checkbox"/> Require branches to be up to date before merging This ensures pull requests targeting a matching branch have been tested with the latest code. This setting will not take effect unless at least one status check is enabled (see below).
<p>Sorry, we couldn't find any status checks in the last week for this repository. Learn more about status checks on GitHub.</p>
<input type="checkbox"/> Require signed commits Commits pushed to matching branches must have verified signatures.
<input checked="" type="checkbox"/> Include administrators Enforce all configured restrictions for administrators.

[Save changes](#)

- Options
- Collaborators
- Branches**
- Webhooks
- Notifications
- Integrations & services
- Deploy keys

- Moderation
- Interaction limits

Default branch

The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are automatically made, unless you specify a different branch.

master

Branch protection rules

Define branch protection rules to disable force pushing, prevent branches from being deleted, and optionally require status checks before merging. New to branch protection rules? [Learn more.](#)

master Currently applies to 1 branch

The screenshot shows the GitHub Desktop application interface. The 'Branch' menu is open, displaying the following options and their keyboard shortcuts:

- New branch... (Ctrl+Shift+N)
- Rename... (Ctrl+Shift+R)
- Delete... (Ctrl+Shift+D)
- Discard all changes... (Ctrl+Shift+Backspace)
- Update from master (Ctrl+Shift+U)
- Compare to branch (Ctrl+Shift+B)
- Merge into current branch... (Ctrl+Shift+M)
- Rebase current branch... (Ctrl+Shift+E)
- Compare on GitHub (Ctrl+Shift+C)
- Create pull request (Ctrl+R)

The background shows the repository 'local-weather-app' with 5 changed files listed in the 'Changes' pane:

- e2e\src\app.po.ts
- package.json
- projects\ch4\e2e...\app.e2e-spec.ts
- projects\ch4\e2e\src\app.po.ts
- projects\ch4...\environment.prod.ts

The code editor at the bottom shows a snippet of CSS code: `return element(by.css('`



All checks have passed

3 successful checks

[Show all checks](#)



This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



Some checks were not successful

1 failing and 1 successful checks

[Hide all checks](#)



DeepScan — 21 new and 6 fixed issues

[Details](#)



ci/circleci: build — Your tests passed on CircleCI!

[Details](#)



This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

Resolve conflicts

Conflicting files

README.md

package-lock.json

Merge pull request



You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



LocalCast Weather

Your city, your forecast, right now!

Current Weather

Bethesda, US Monday, March 23, 2020



44°F

overcast clouds

Chapter 5: Delivering High-Quality UX with Material

Email address

We'll never share your email with anyone else

Password

Check me out

Submit

! Please include an '@' in the email address. 'test' is missing an '@'.

Enter your email *

We'll never share your email with anyone else

Enter your password



Check me!

Submit

Enter your email *

test

Not a valid email

Enter your password

••••



Check me!


Submit

Submit

Submit

Submit

Submit

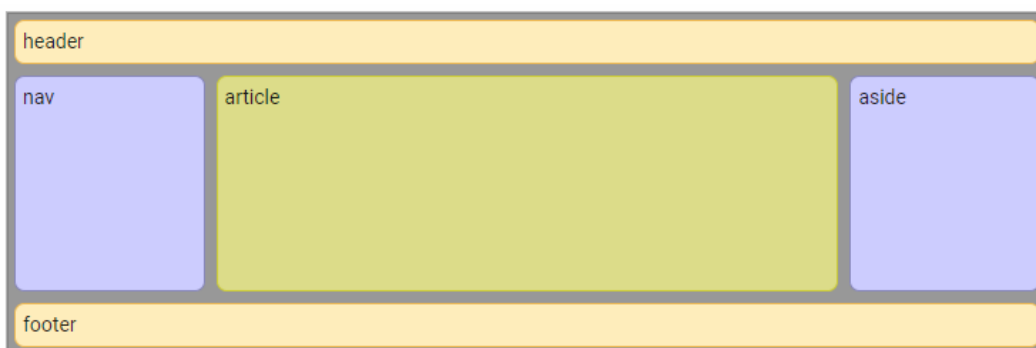
Local Weather App 
Updated 4 days ago

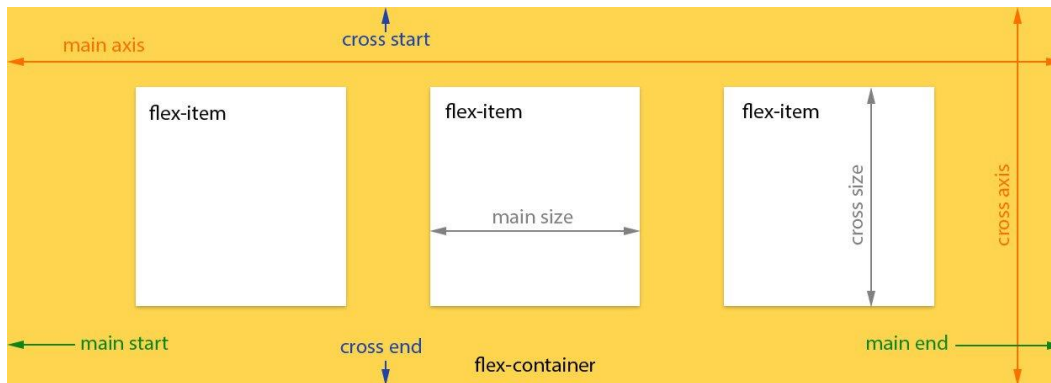
Filter cards + Add cards Fullscreen Menu

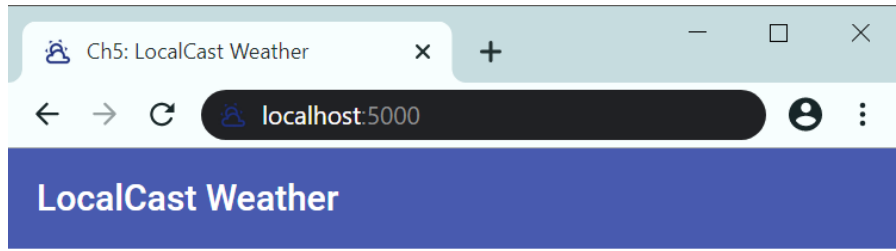
Backlog	To do	In progress	Done
<ul style="list-style-type: none">Add authentication, so users can retrieve data from any browser #37 opened by dulucaAdd HTML5 Geolocation support #38 opened by dulucaUser localStorage to cache user preferences #39 opened by duluca	<ul style="list-style-type: none">Display forecast information for current location #33 opened by dulucaAdd city search capability so that users can see weather information from other cities #34 opened by dulucaAdd a preferences pane to store the default city for the user #35 opened by duluca	<ul style="list-style-type: none">Improve the UX of the app with Angular Material #36 opened by duluca	<ul style="list-style-type: none">Create a mock up for the app #40 opened by dulucaDisplay Current Location weather information for the current day #32 opened by duluca

.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1	.col-md-1
.col-md-8								.col-md-4			
.col-md-4				.col-md-4				.col-md-4			
.col-md-6						.col-md-6					

flex: 1 1 5em;			
	flex: 2 2 calc(10em + 10px);		
flex: 2 2 calc(10em + 10px);			
		flex: 2 2 calc(10em + 10px);	
flex: 3 3 calc(15em + 20px);			
	flex: 3 3 calc(15em + 20px);		







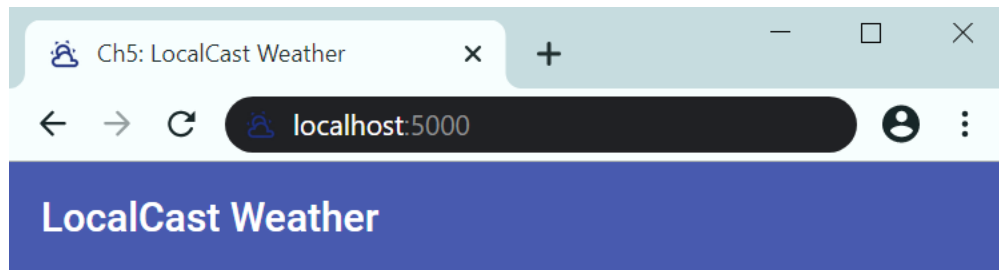
Your city, your forecast, right now!

Current Weather

Bethesda, US Monday, March 23, 2020



42°F
scattered clouds



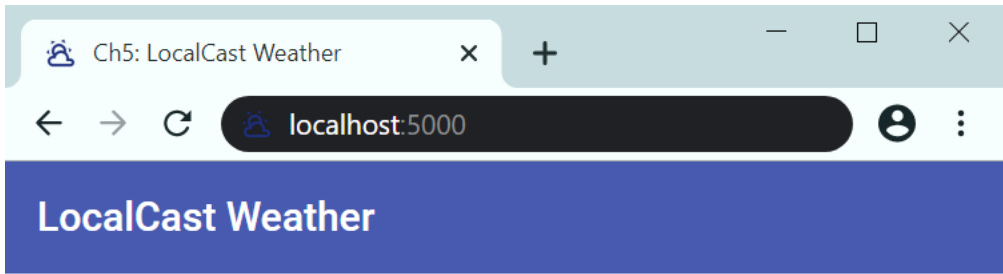
Your city, your forecast, right now!

Current Weather

Bethesda, US Monday, March 23, 2020




42°F
scattered clouds

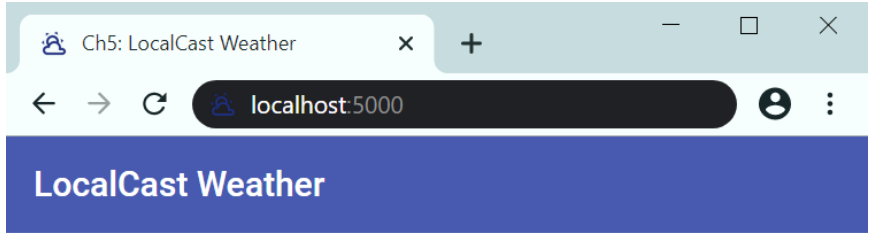


Your city, your forecast, right now!

Current Weather

Bethesda, US Monday, March 23, 2020


 42°F
overcast clouds

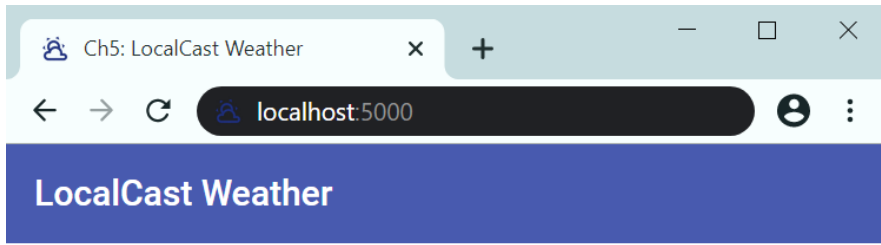


Your city, your forecast, right now!

Current Weather

Bethesda, US Monday, March 23, 2020

 42°F
overcast clouds



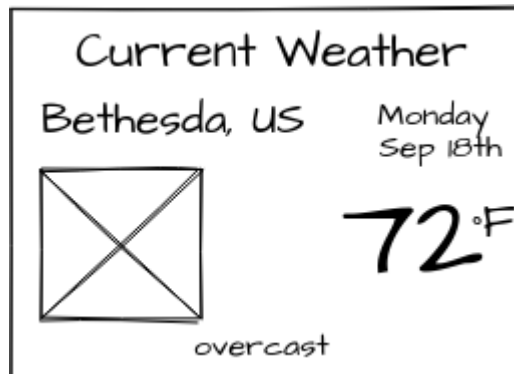
Your city, your forecast, right now!

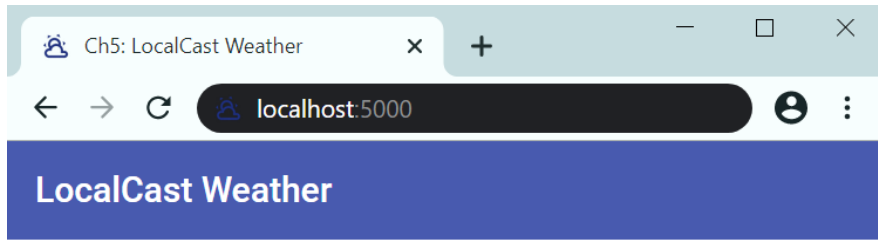
Current Weather

Bethesda, US Monday, March 23, 2020



42°F
scattered clouds





Your city, your forecast, right now!

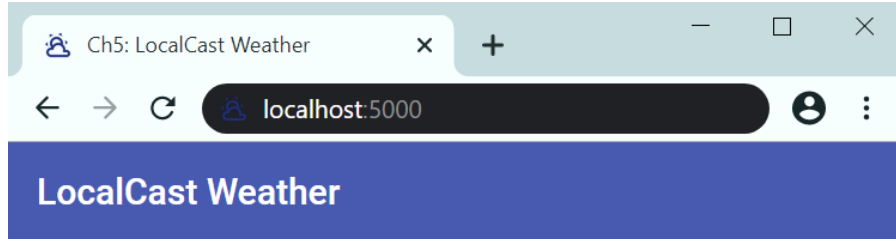
Current Weather

Bethesda, US

Monday,
March 23,
2020
42°F



overcast clouds



Your city, your forecast, right now!

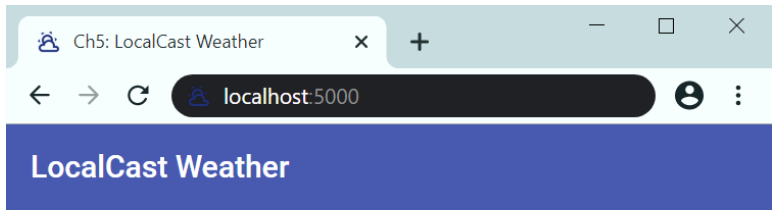
Current Weather

Bethesda, US

Monday,
March 23,
2020
42°F



overcast clouds



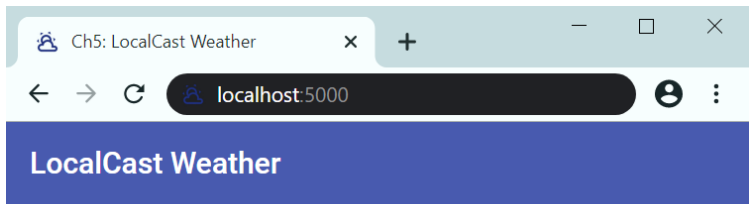
Your city, your forecast, right now!

Current Weather

Bethesda, US Monday Mar
23

 **42°F**


overcast clouds



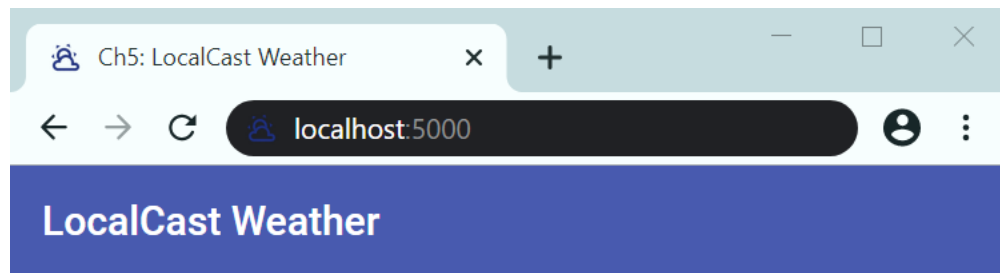
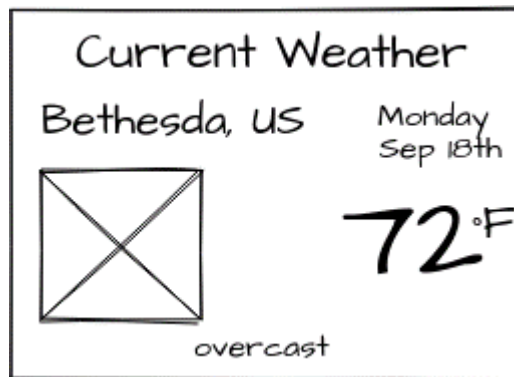
Your city, your forecast, right now!

Current Weather

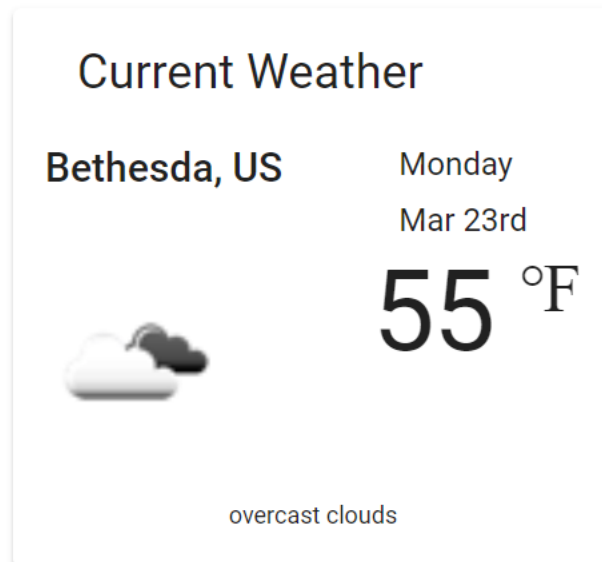
Bethesda, US Monday Mar
23

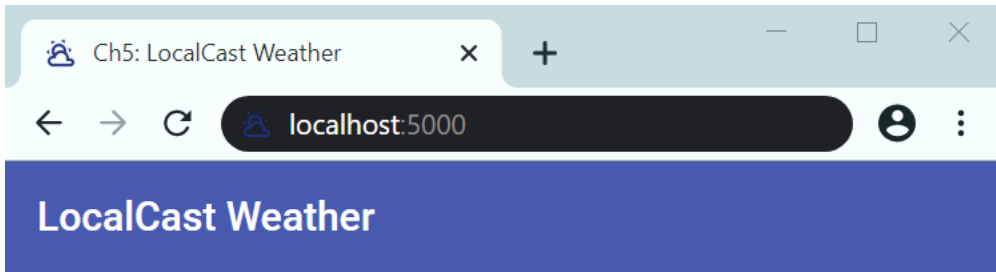
 **42°F**

overcast clouds



Your city, your forecast, right now!






Your city, your forecast, right now!

Current Weather

Bethesda, US Tuesday
Mar 24th



42 °F

overcast clouds



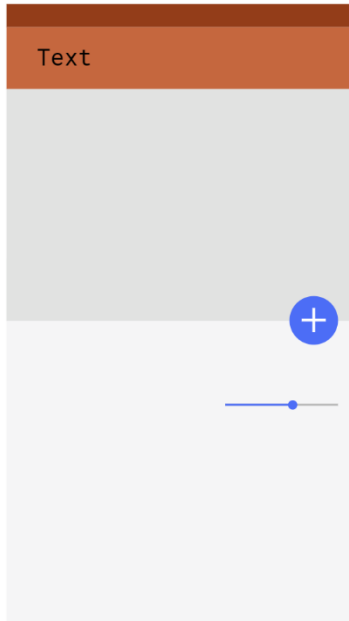
USER INTERFACES

ACCESSIBILITY

MATERIAL PALETTE

CUSTOM

< 1/6 >



	50	100	200	300	400	500	600	700	800	900	A	A	A	A
Red														
Pink														
Purple														
Deep Purple														
Indigo														
Blue														
Light Blue														
Cyan														
Teal														

CURRENT SCHEME

RESET ALL

<p>Primary</p> <p>#f44336</p> <p>P</p> <p>RESET</p> <p>P - Light #ff7961</p> <p>P - Dark #ba000d</p>	<p>Secondary</p> <p>#3d5afe</p> <p>S</p> <p>S - Light #8187ff</p> <p>S - Dark #0031ca</p>	<p>Text on P</p> <p>#000000</p> <p>T</p> <p>Text on S</p> <p>#ffffff</p> <p>T</p>
--	---	---





COLOR TOOL

USER INTERFACES

ACCESSIBILITY

Primary

#f44336

Aa Large Text

Aa Normal Text

White Text min 85% opacity

NOT LEGIBLE ⚠

Black Text min 55% opacity

min 77% opacity

P – Light

#ff7961

Aa Large Text

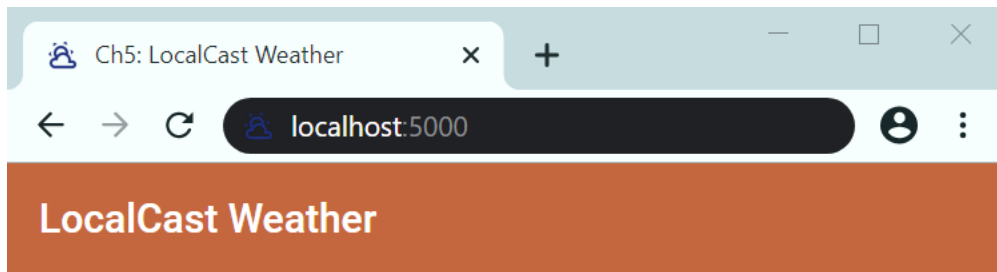
Aa Normal Text

White Text NOT LEGIBLE ⚠

NOT LEGIBLE ⚠

Black Text min 48% opacity


min 65% opacity



Your city, your forecast, right now!

Current Weather

Bethesda, US Tuesday
Mar 24th



42 °F

overcast clouds

Local Weather App ■ Updated 4 days ago

filter cards + Add cards Fullscreen Menu

Backlog	To do	In progress	Done
<ul style="list-style-type: none">① Add authentication, so users can retrieve data from any browser #37 opened by duluca① Add HTML5 Geolocation support #38 opened by duluca① User localStorage to cache user preferences #39 opened by duluca	<ul style="list-style-type: none">① Display forecast information for current location #33 opened by duluca① Add city search capability so that users can see weather information from other cities #34 opened by duluca① Add a preferences pane to store the default city for the user #35 opened by duluca		<ul style="list-style-type: none">① Improve the UX of the app with Angular Material #36 opened by duluca① Display Current Location weather information for the current day #32 opened by duluca① Create a mock up for the app #40 opened by duluca

Local Weather App ■ Updated 4 days ago

Filter cards + Add cards Fullscreen Menu

Backlog	To do	In progress	Done
<ul style="list-style-type: none"> Add authentication, so users can retrieve data from any browser #37 opened by duluca Add HTML5 Geolocation support #38 opened by duluca User localStorage to cache user preferences #39 opened by duluca 	<ul style="list-style-type: none"> Display forecast information for current location #33 opened by duluca Add city search capability so that users can see weather information from other cities #34 opened by duluca Add a preferences pane to store the default city for the user #35 opened by duluca 	<ul style="list-style-type: none"> Create an interactive prototype #41 opened by duluca 	<ul style="list-style-type: none"> Improve the UX of the app with Angular Material #36 opened by duluca Display Current Location weather information for the current day #32 opened by duluca Create a mock up for the app #40 opened by duluca

WireframePro - LocalCast Weather Doguhan

Secure https://wireframepro.mockflow.com/editor.jsp?editor=on&publicid=D65538b8d98d3369f7da6303048616961...

Project Edit Review

ELEMENTS New Page

- PAGES
 - Landing Page
 - Search Results
 - Settings
- IMAGES
- FLOW
- STORE

Landing Page Selected Page

Lost Data? Check Revisions

Master: Select Page

LocalCast Weather

Your city, your forecast right now

Enter city or zip

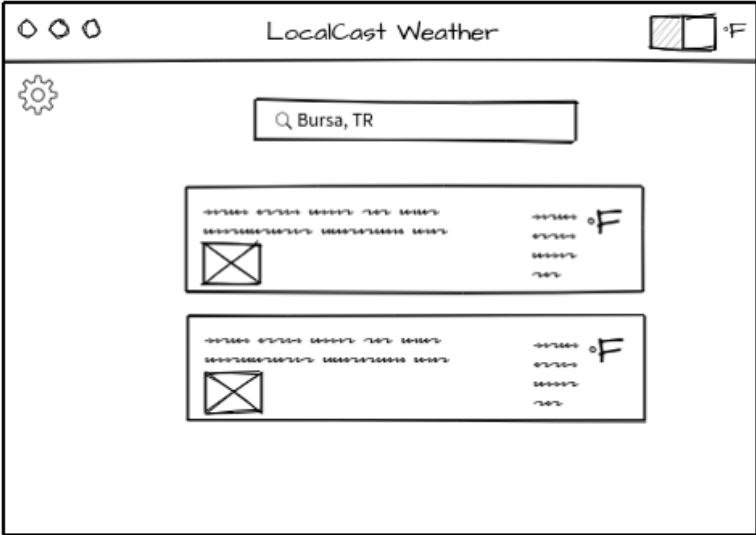
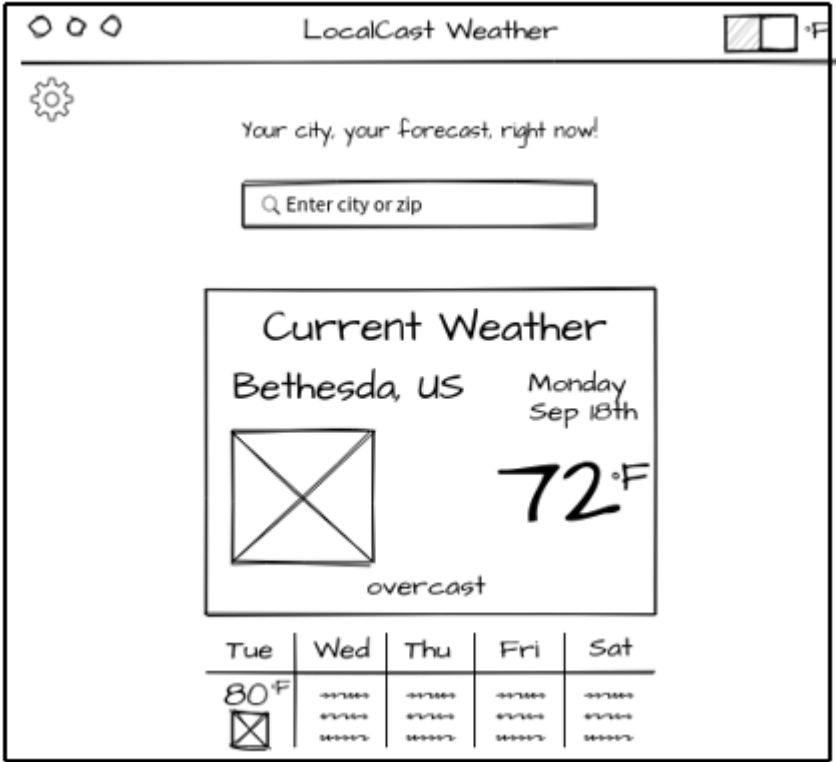
Current Weather

Bethesda US Monday Sep 16th

72°F

overcast


Tue	Wed	Thu	Fri	Sat
80°F	overcast	overcast	overcast	overcast



LocalCast Weather °F

Settings
Default City

ty, your forecast, right now!

Current Weather
esda, US Monday
Sep 18th
 **72°F**
overcast

Wed	Thu	Fri	Sat
☁️	☁️	☁️	☁️
72-78	72-78	72-78	72-78
72-78	72-78	72-78	72-78

WireframePro - LocalCast Web x Doguhan

Secure https://wireframepro.mockflow.com/editor.jsp?editor=on&publicid=D65538b6d98d3369f7da6303048616961...

Project Edit Review

ELEMENTS

PAGES

IMAGES

FLOW

STORE

Landing Pa

Transform

x: 120 y: 105

w: 45 h: 45

Rotate Angle: 0

Link

Link: [Select Page](#)

Icon

Change Icon

Icon Color: ■

Icon Size: 24

Icon Bold: Bold

Search Pages

Page Web

Landing Page

Search Results

Settings

Create Link

Sat

Project Edit

Save Page Ctrl+S

Add Page to MockStore

View Component Layers

Revision History

Check-In Revision

View Deleted Pages

Sharing

Grid Settings

Page Size Settings

Desktop App

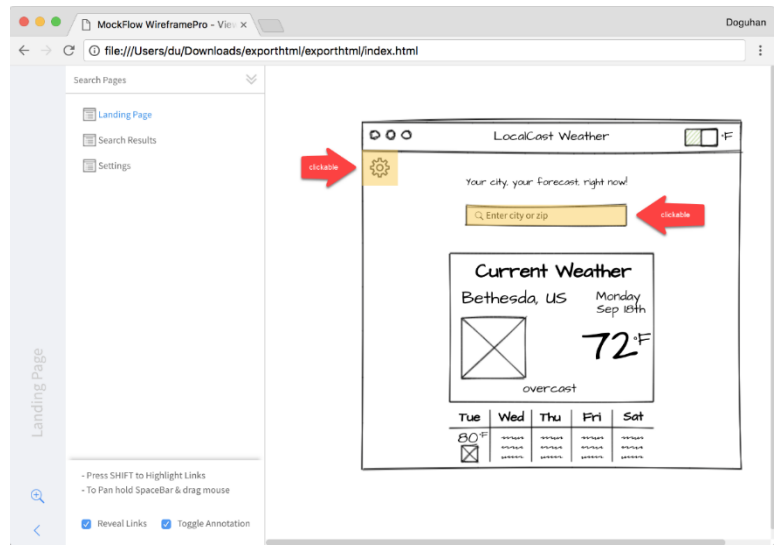
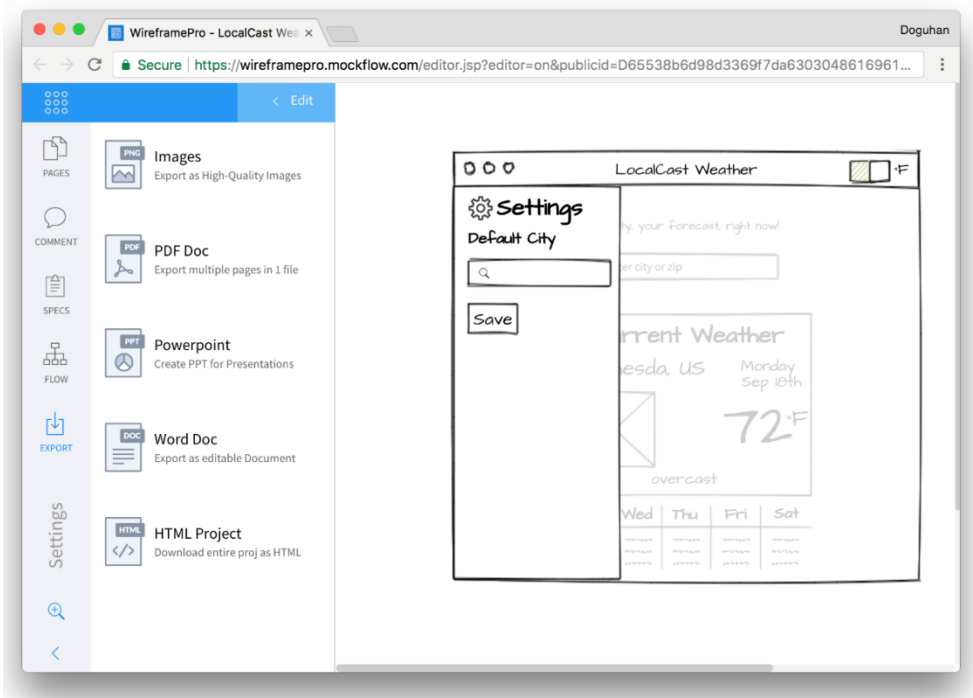
Export Wireframe Ctrl+E

Toggle Edit/Review Ctrl+I

Documentation

Feedback Form





Chapter 6: Forms, Observables, and Subjects



Google Search

I'm Feeling Lucky

Local Weather App ■ ■ ■ ■
Updated 4 days ago

Filter cards

+ Add cards Fullscreen Menu

3 Backlog

- 1 Add authentication, so users can retrieve data from any browser
#37 opened by dulusca
- 2 Add HTML5 Geolocation support
#38 opened by dulusca
- 3 User localStorage to cache user preferences
#39 opened by dulusca

2 To do

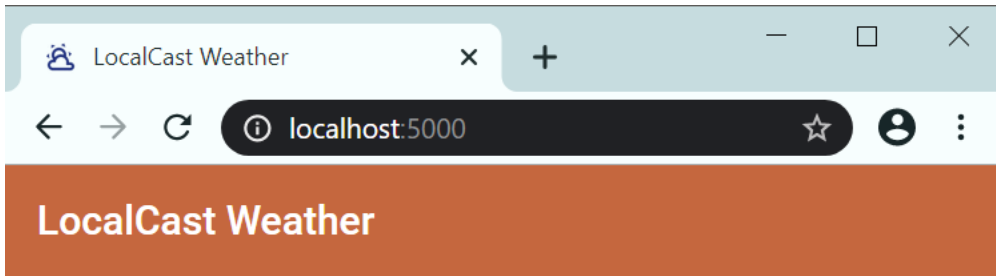
- 1 Display forecast information for current location
#33 opened by dulusca
- 2 Add a preferences pane to store the default city for the user
#35 opened by dulusca

1 In progress

- 1 Add city search capability so that users can see weather information from other cities
#34 opened by dulusca

4 Done


- 1 Create an interactive prototype
#41 opened by dulusca
- 2 Improve the UX of the app with Angular Material
#36 opened by dulusca
- 3 Display Current Location weather information for the current day
#32 opened by dulusca
- 4 Create a mock up for the app
#40 opened by dulusca



Your city, your forecast, right now!

Current Weather

Bethesda, US Thursday
Feb 13th



40 °F

light rain

Tue	Wed	Thu	Fri	Sat
80°F	☁	☁	☁	☁
☒	☁	☁	☁	☁

LocalCast Weather

Your city, your forecast, right now!

City Name or Postal Code

Q bursa

Specify country code like 'Paris, US'

Current Weather

Bursa, TR

Wednesday

Mar 25th



45 °F

broken clouds

<p>Backlog + ...</p> <ul style="list-style-type: none">1 Add authentication, so users can retrieve data from any browser #37 opened by duluca2 Add HTML5 Geolocation support #38 opened by duluca3 User localStorage to cache user preferences #39 opened by duluca4 Add a preferences pane to store the default city for the user #35 opened by duluca5 Display forecast information for current location #33 opened by duluca	<p>To do + ...</p>	<p>In progress + ...</p>	<p>Done + ...</p> <ul style="list-style-type: none">6 Add city search capability so that users can see weather information from other cities #34 opened by duluca7 Create an interactive prototype #41 opened by duluca8 Improve the UX of the app with Angular Material #36 opened by duluca9 Display Current Location weather information for the current day #32 opened by duluca10 Create a mock up for the app #40 opened by duluca
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<p>Backlog + ...</p> <ul style="list-style-type: none">1 Add authentication, so users can retrieve data from any browser #37 opened by duluca2 Add HTML5 Geolocation support #38 opened by duluca3 User localStorage to cache user preferences #39 opened by duluca4 Add a preferences pane to store the default city for the user #35 opened by duluca5 Display forecast information for current location #33 opened by duluca	<p>To do + ...</p>	<p>In progress + ...</p> <ul style="list-style-type: none">1 Support international zip codes #42 opened by duluca	<p>Done + ...</p> <ul style="list-style-type: none">6 Add city search capability so that users can see weather information from other cities #34 opened by duluca7 Create an interactive prototype #41 opened by duluca8 Improve the UX of the app with Angular Material #36 opened by duluca9 Display Current Location weather information for the current day #32 opened by duluca10 Create a mock up for the app #40 opened by duluca
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LocalCast Weather

Your city, your forecast, right now!

City Name or Postal Code

🔍 EC2R 6AB

Specify country code like 'Paris, US'

Current Weather

Barbican, GB

Wednesday

Mar 25th



34 °F

clear sky

Backlog

- ① Add authentication, so users can retrieve data from any browser ***
#37 opened by duluca
- ① Add HTML5 Geolocation support ***
#38 opened by duluca
- ① User localStorage to cache user preferences ***
#39 opened by duluca
- ① Add a preferences pane to store the default city for the user ***
#35 opened by duluca
- ① Display forecast information for current location ***
#33 opened by duluca

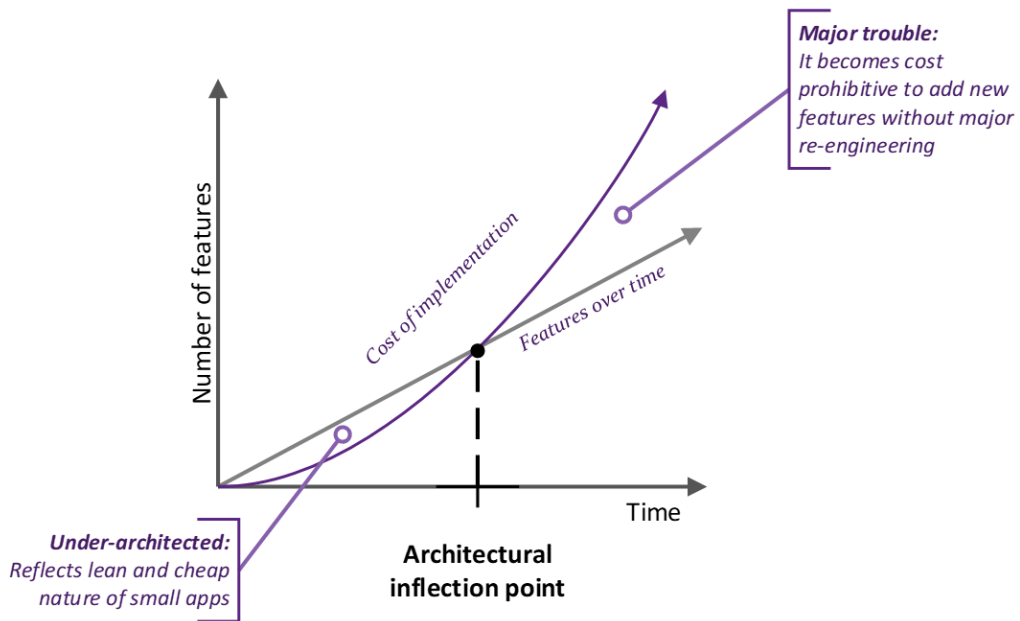
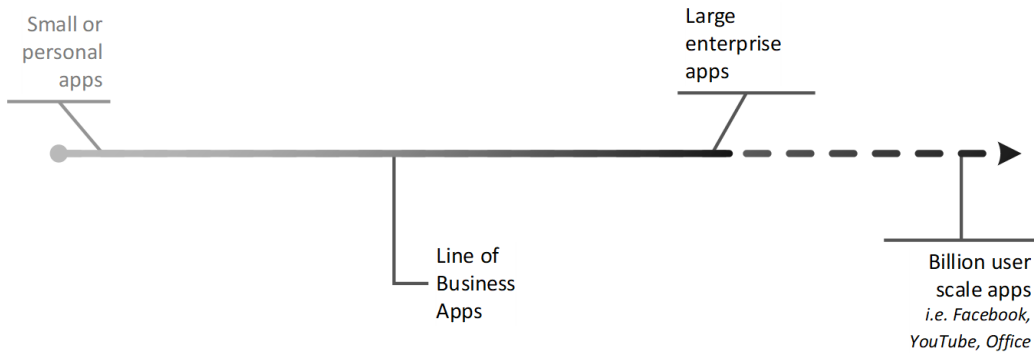
To do

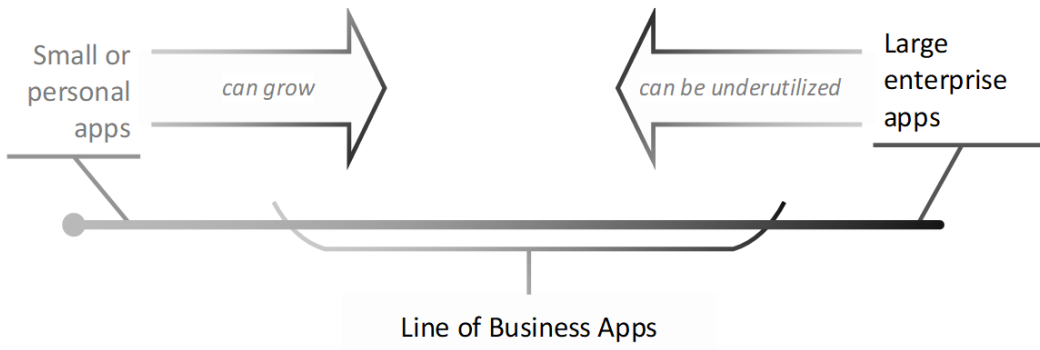
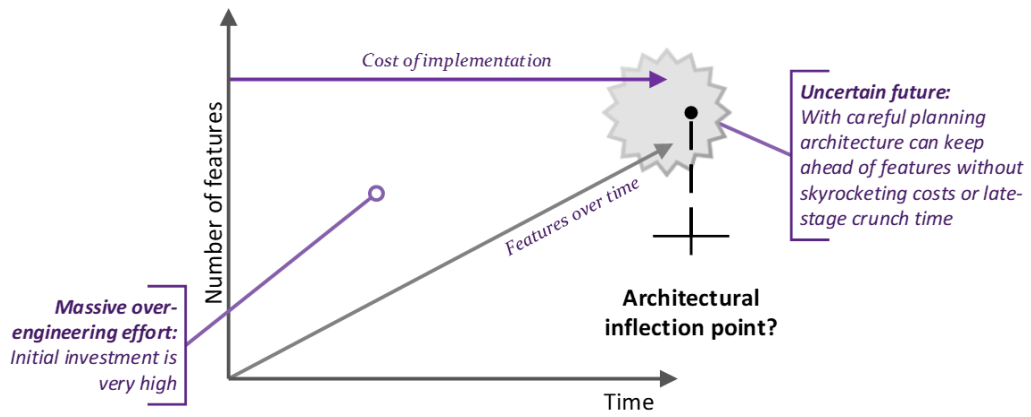
In progress

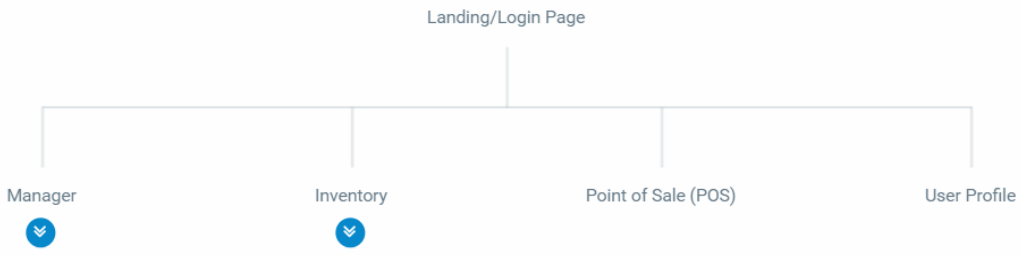
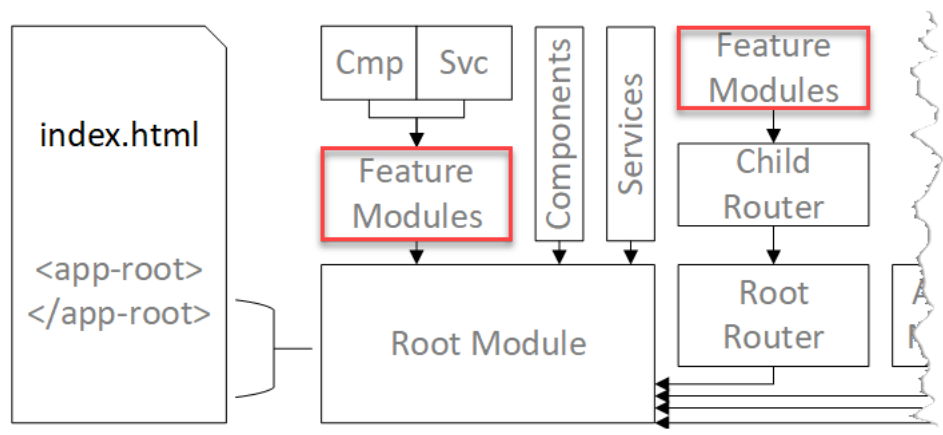
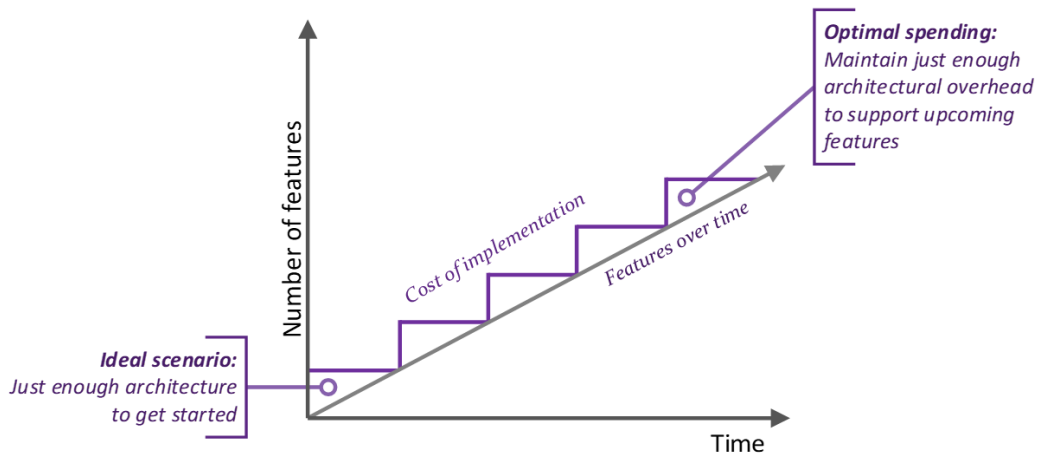
Done

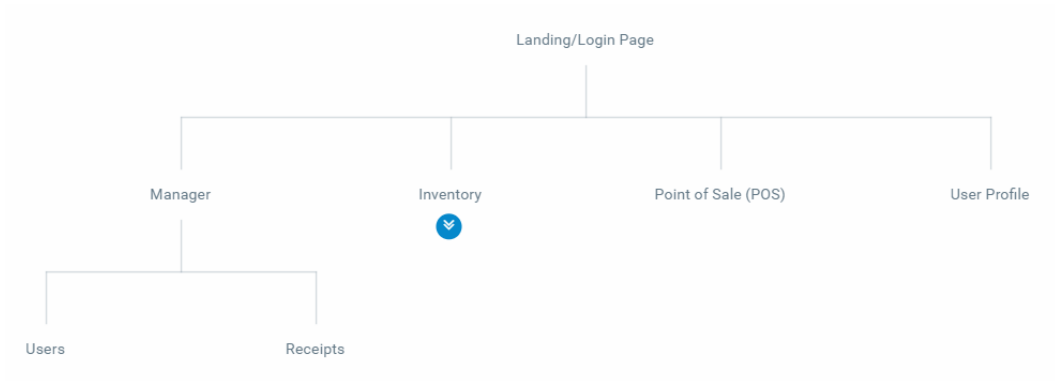
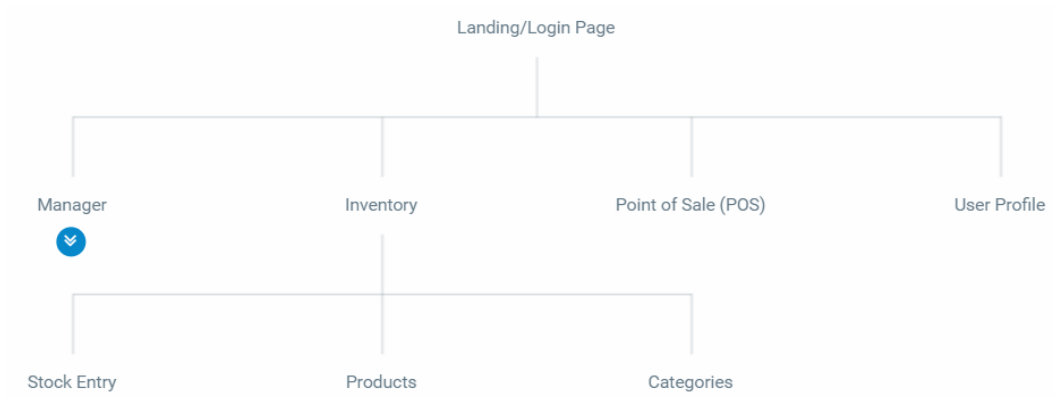
- ① Support international zip codes ***
#42 opened by duluca
- ① Add city search capability so that users can see weather information from other cities ***
#34 opened by duluca
- ① Create an interactive prototype ***
#41 opened by duluca
- ① Improve the UX of the app with Angular Material ***
#36 opened by duluca
- ① Display Current Location weather information for the current day ***
#32 opened by duluca
- ① Create a mock up for the app ***
#40 opened by duluca

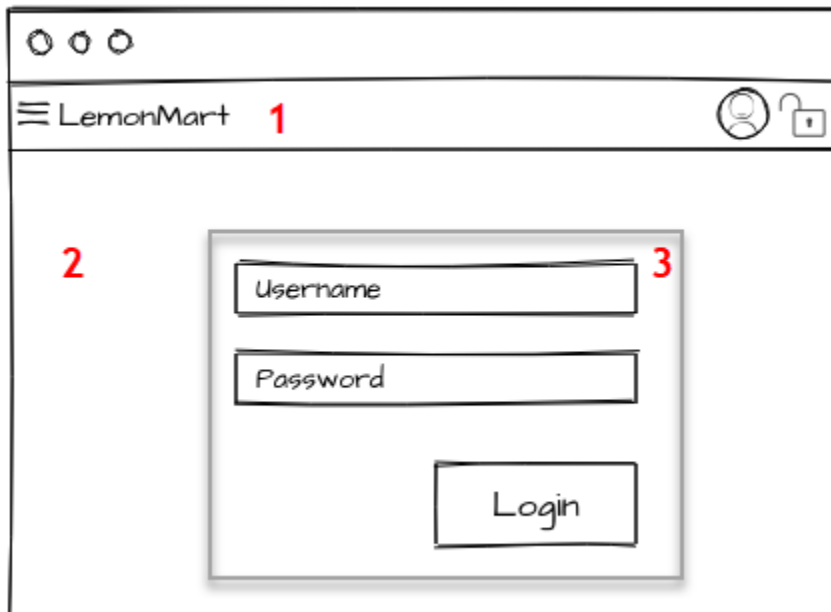
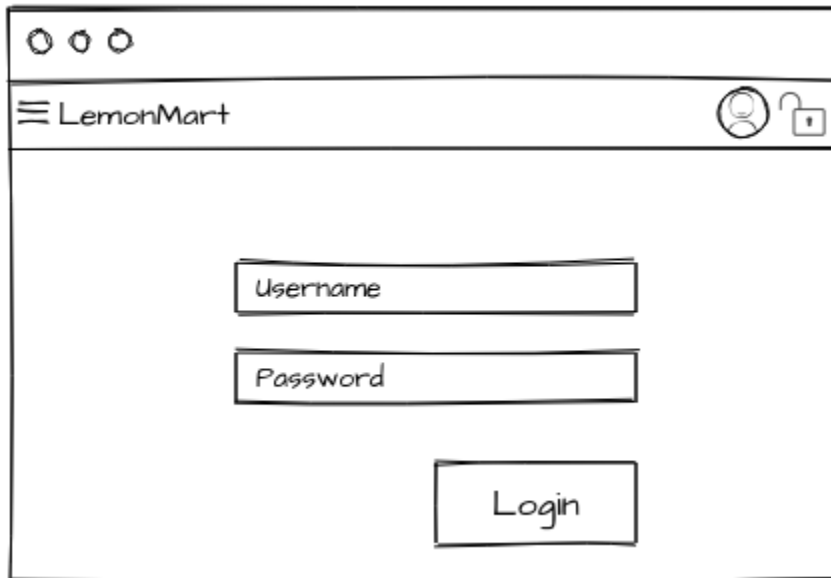
Chapter 7: Creating a Router-First Line-of-Business App

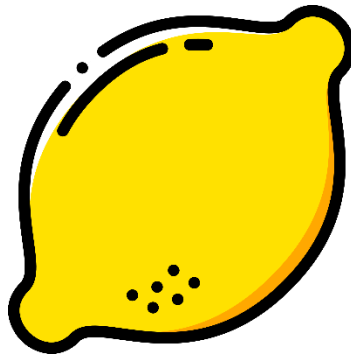






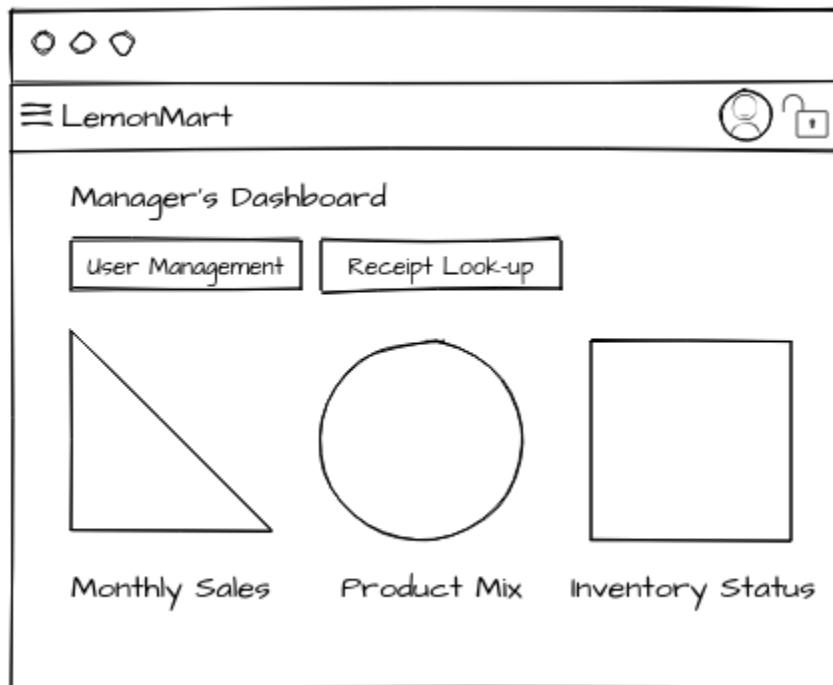
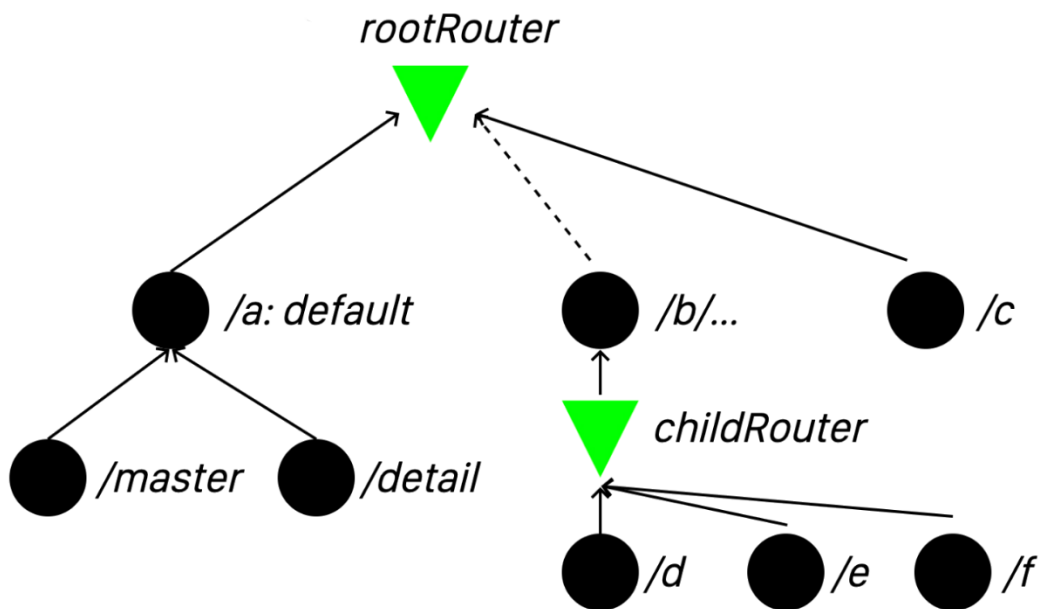


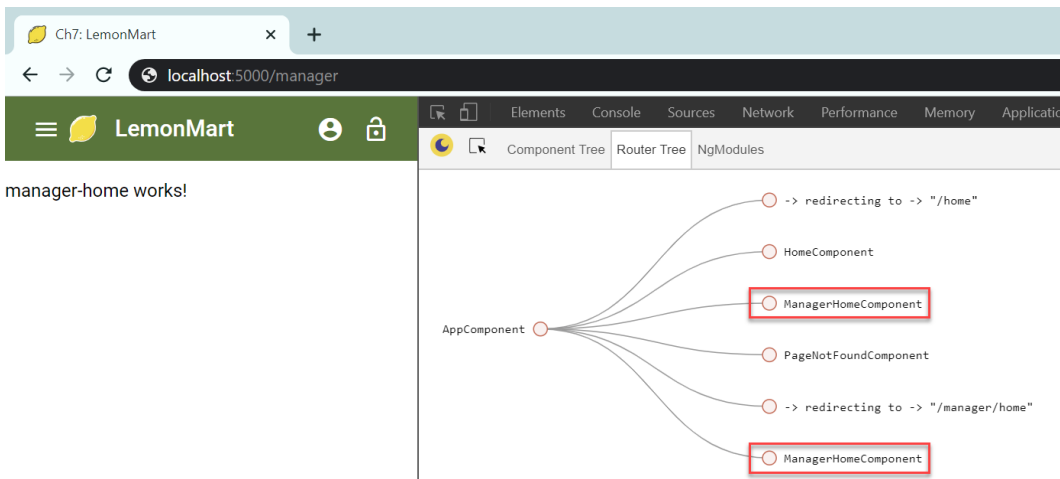
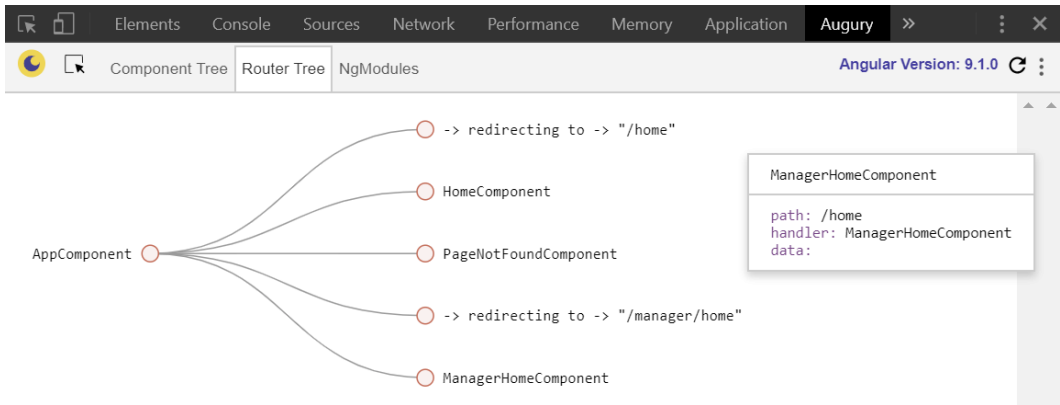


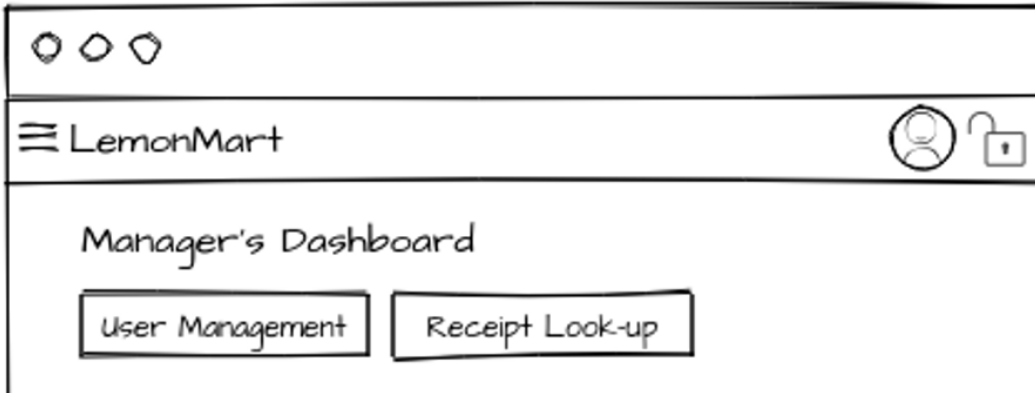
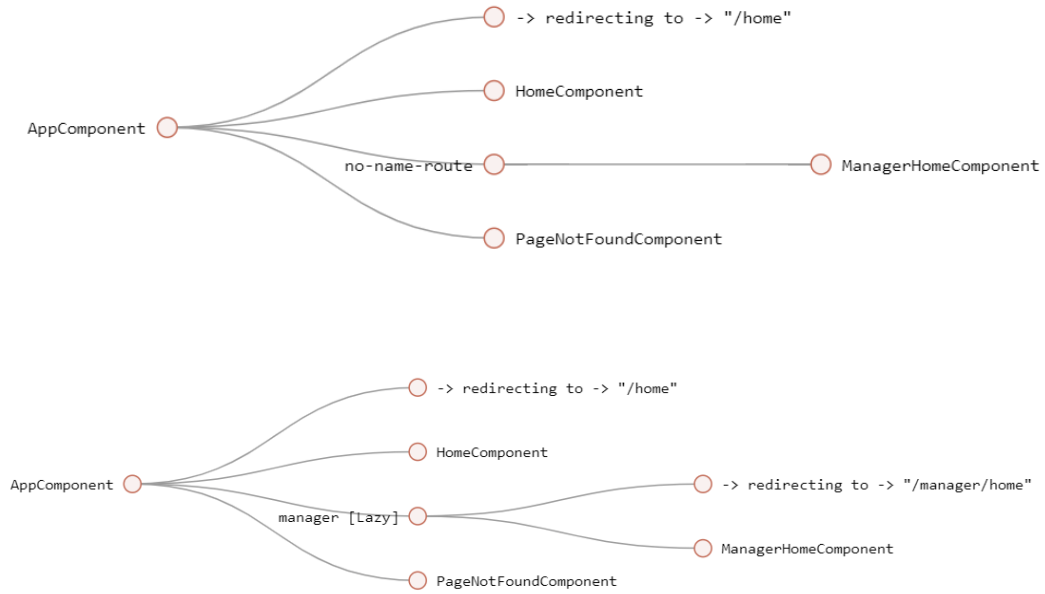
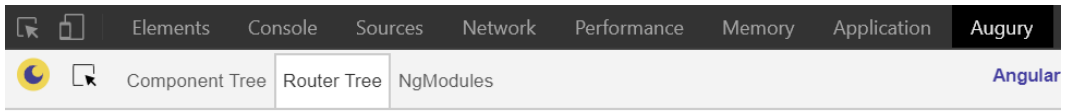


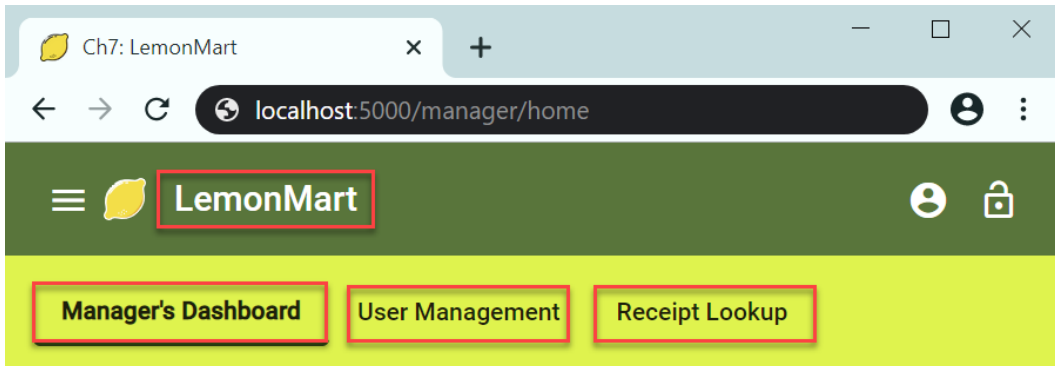
Hello, Limoncu!

Login



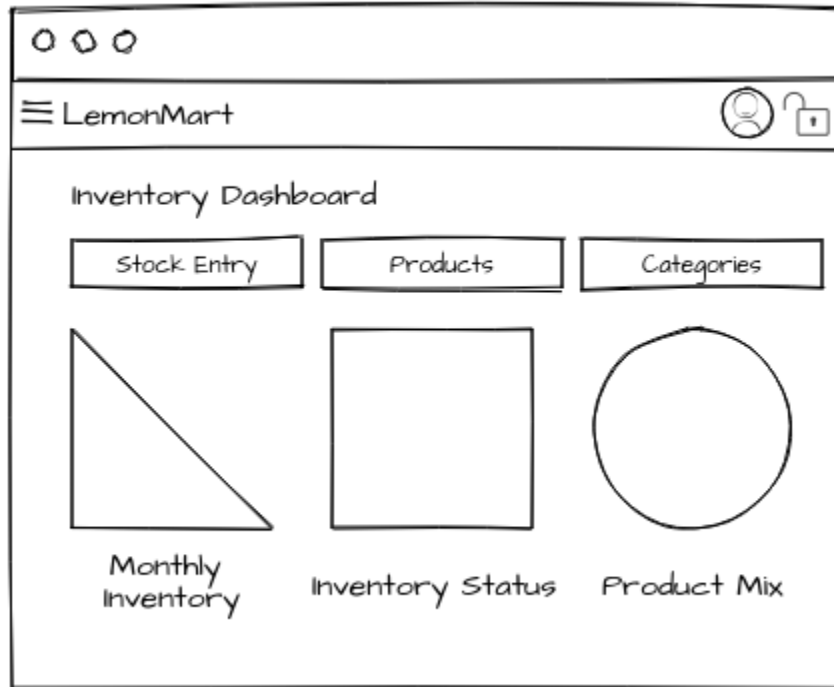


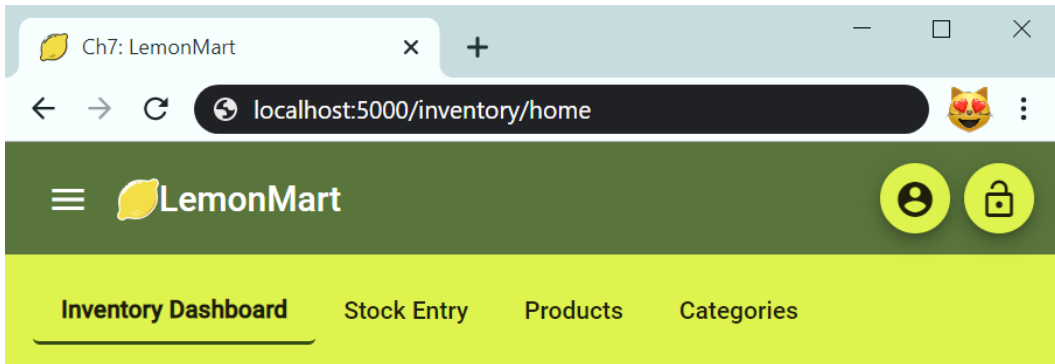




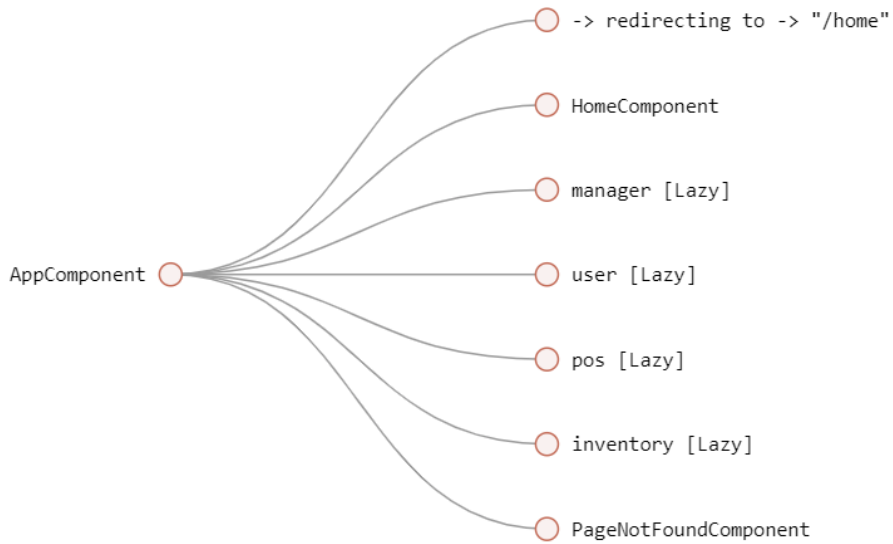
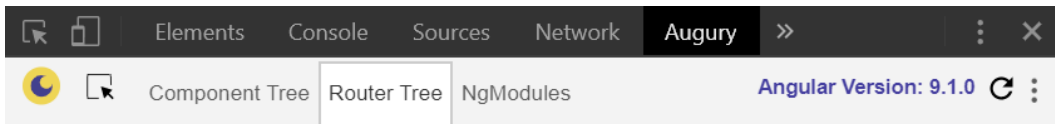
manager-home works!

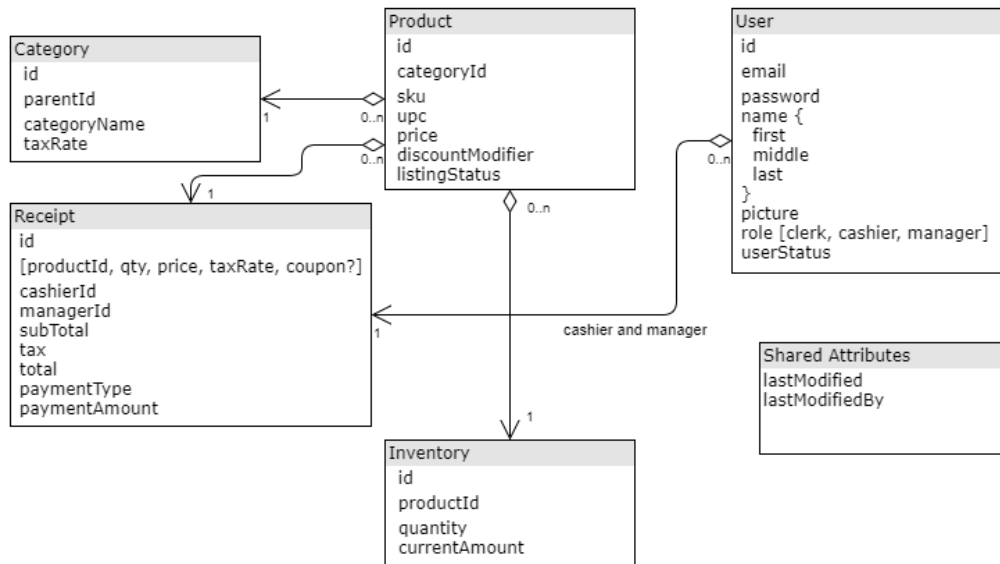






inventory-home works!





duluca / lemon-mart

Code Issues Pull requests Projects Wiki Insights Settings

Home

Doguhan Uluca edited this page on Feb 16 · 9 revisions

Welcome to the lemon-mart wiki!

LemonMart follows a router-first approach to designing a SPA app. See the [Readme](#) for more details.

Below are the design artifacts that facilitates the router-first approach.

Design Artifacts

- User Roles
 - Unauthenticated, can login to the system
 - Cashier, checks out customers buying good on the POS system,
 - Clerk, adds new items to inventory and can view inventory to take stock,
 - Manager, can access all system functionality, manager system users and lookup receipts.
- Site Map - <https://github.com/duluca/lemon-mart/wiki/Site-Maps>
- Entities/Major Data Components - <https://github.com/duluca/lemon-mart/wiki/Entity-Model>
- Mock Ups - <https://github.com/duluca/lemon-mart/wiki/Mock-Ups>

Pages

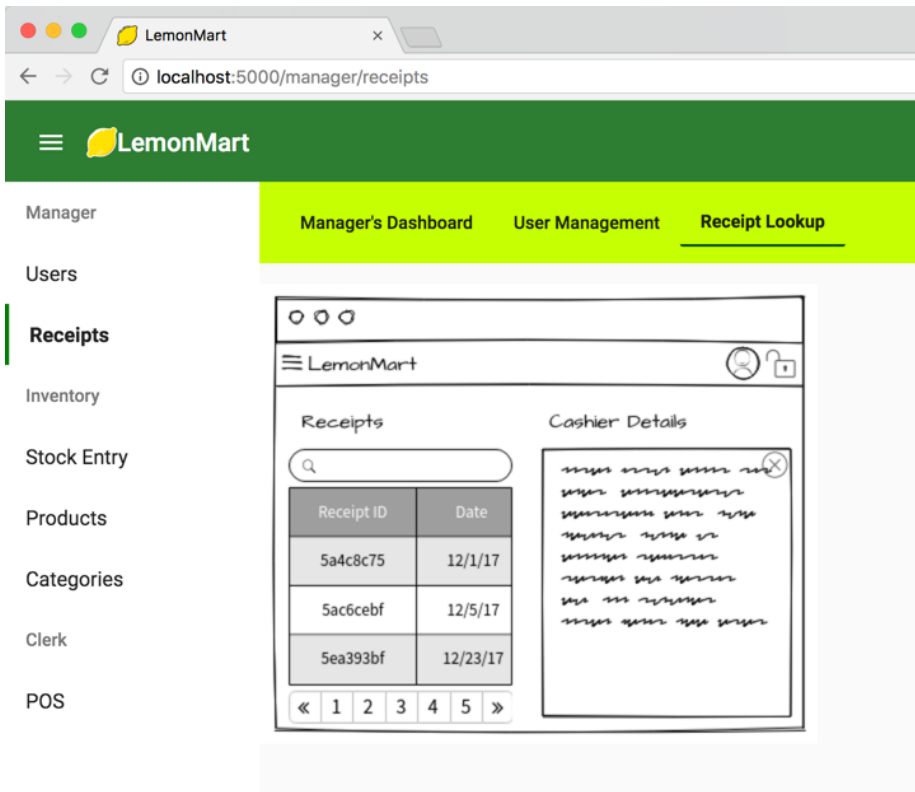
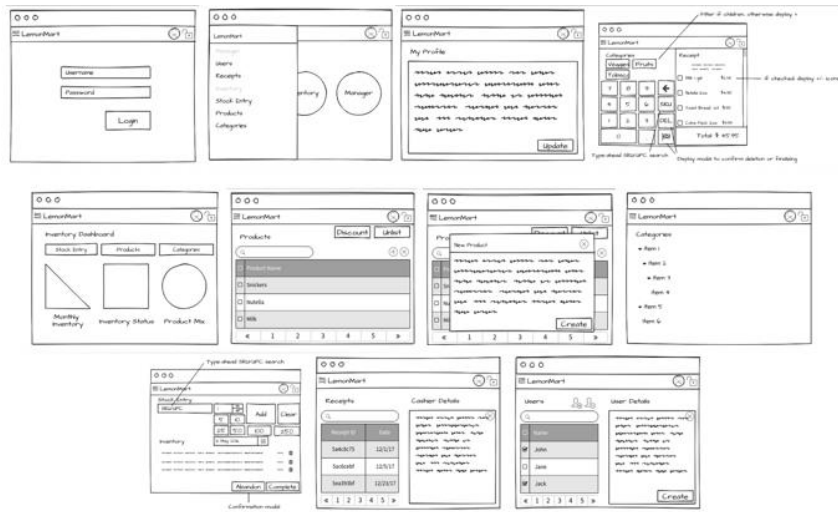
- Home
- Entity Model
- Mock Ups
- Site Maps

+ Add a custom sidebar

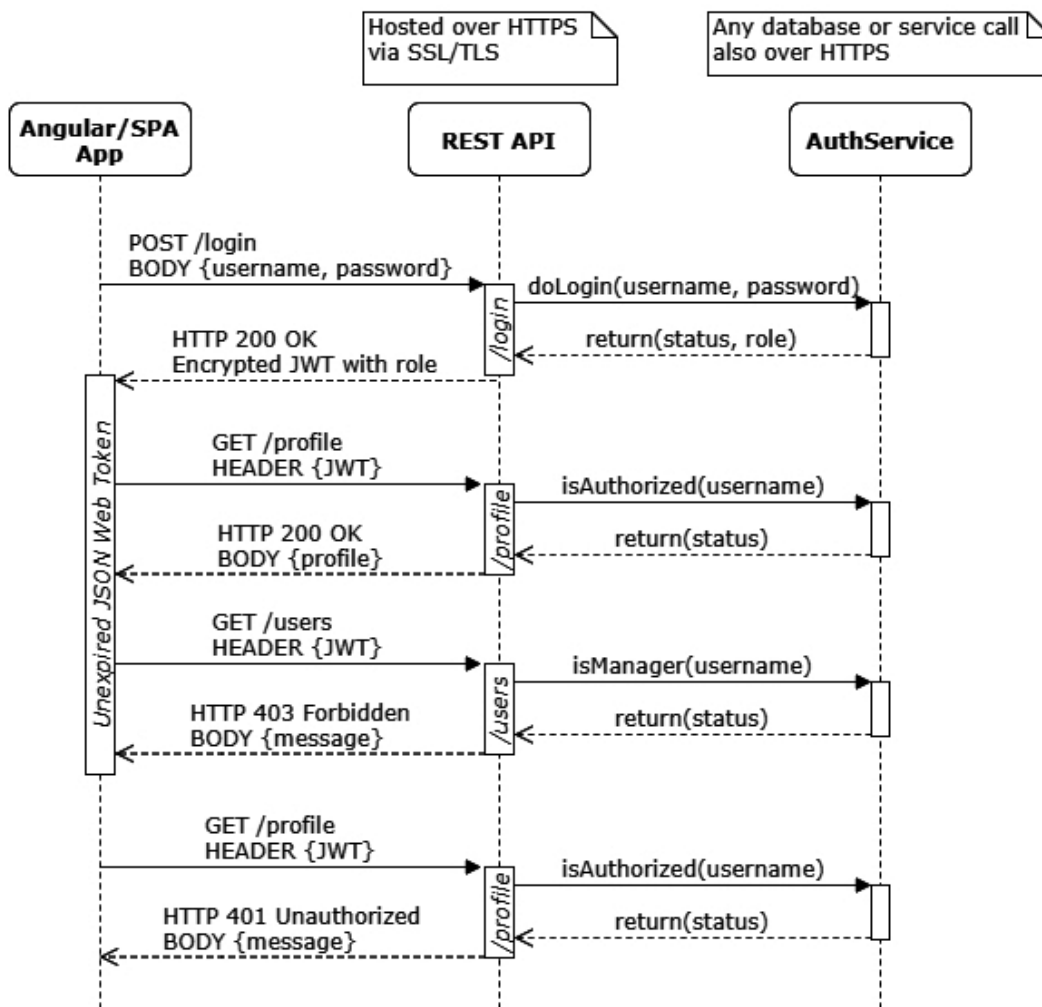
Clone this wiki locally

<https://github.com/duluca/lemon-mart/wiki>

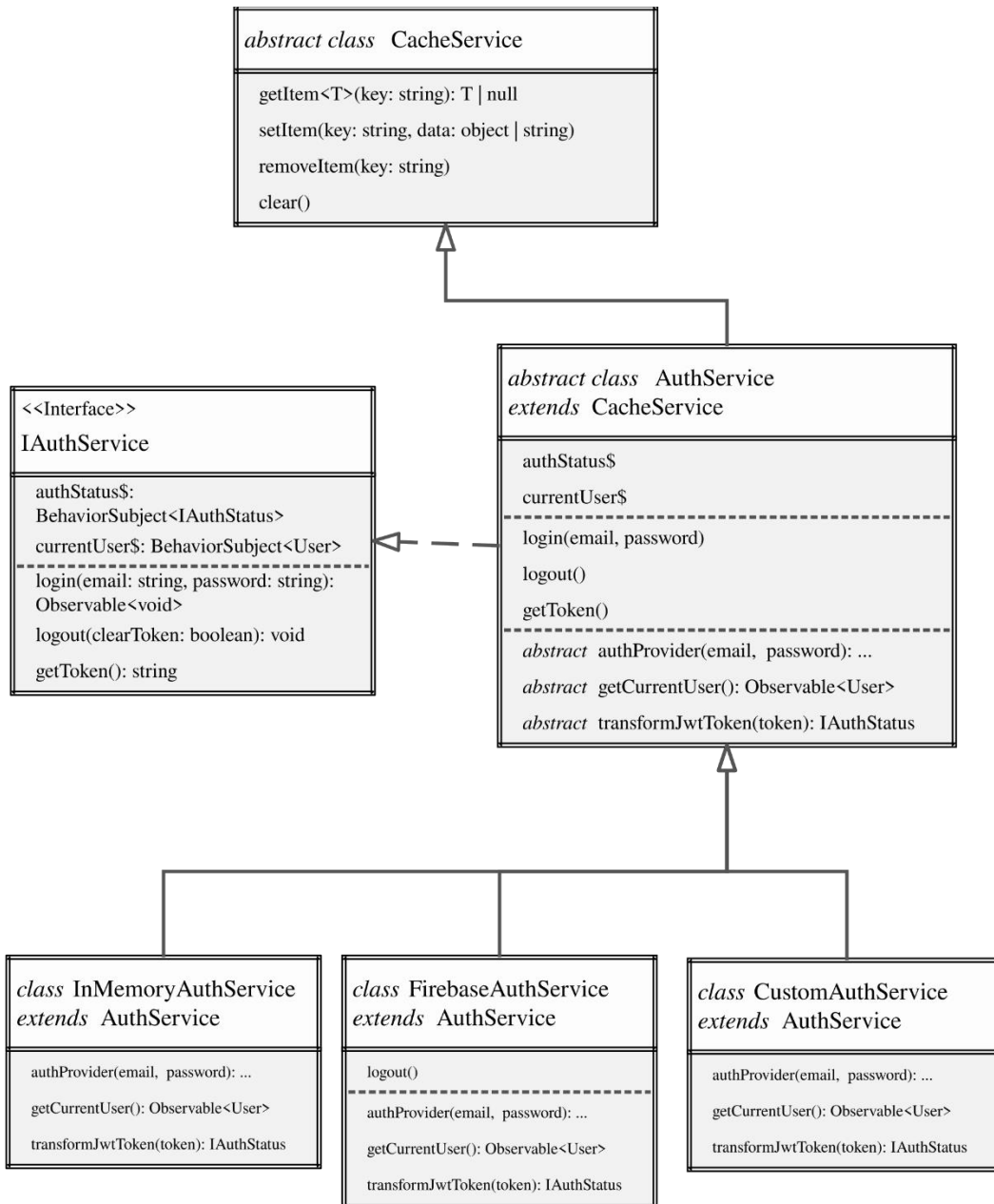
Clone in Desktop

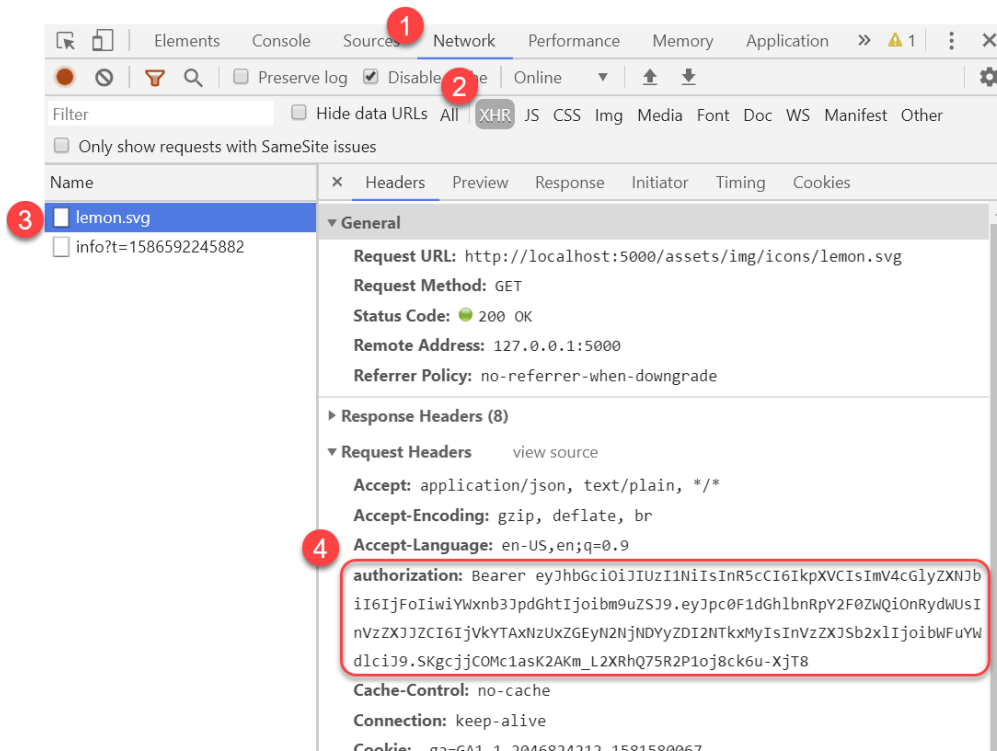
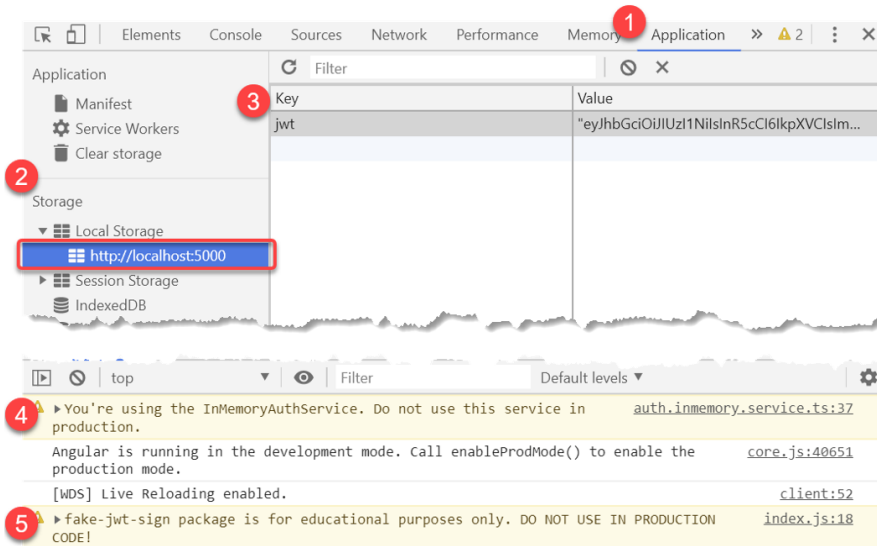


Chapter 8: Designing Authentication and Authorization



User
_id
email
name
picture
role
userStatus
dateOfBirth
level
address
phones







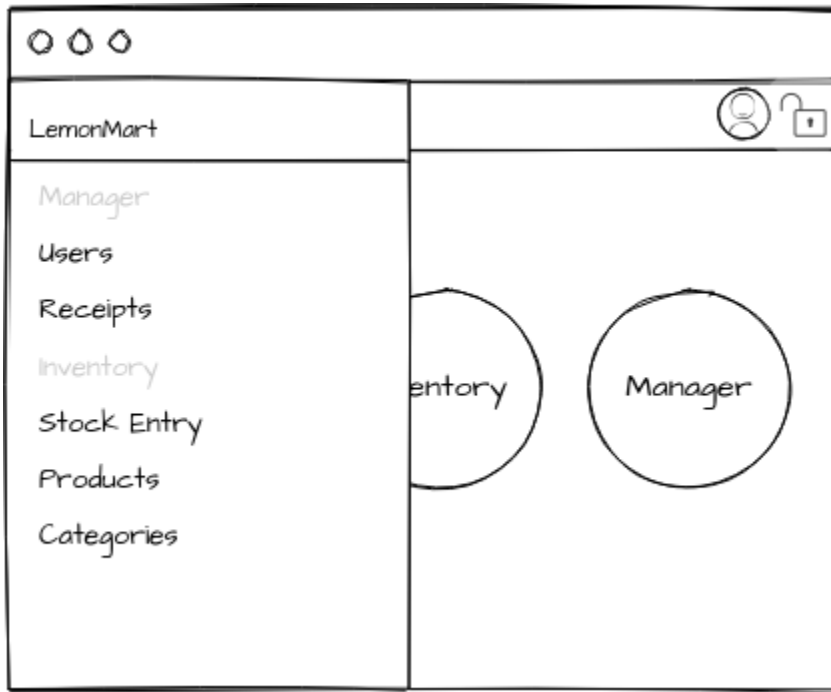
Hello, Lemonite!

E-mail
✉ test
E-mail is not valid

Password
🔑 ...
Password is at least 8 characters long

Login

Welcome Doguhan Uluca! Role: manager [Close](#)



Manager

Manager's Dashboard

User Management

Receipt Lookup

Users

Receipts

Inventory

Stock Entry

Products

Categories

Clerk

POS

🔍 🔍 🔍

≡ LemonMart 👤 🔒

Receipts

🔍

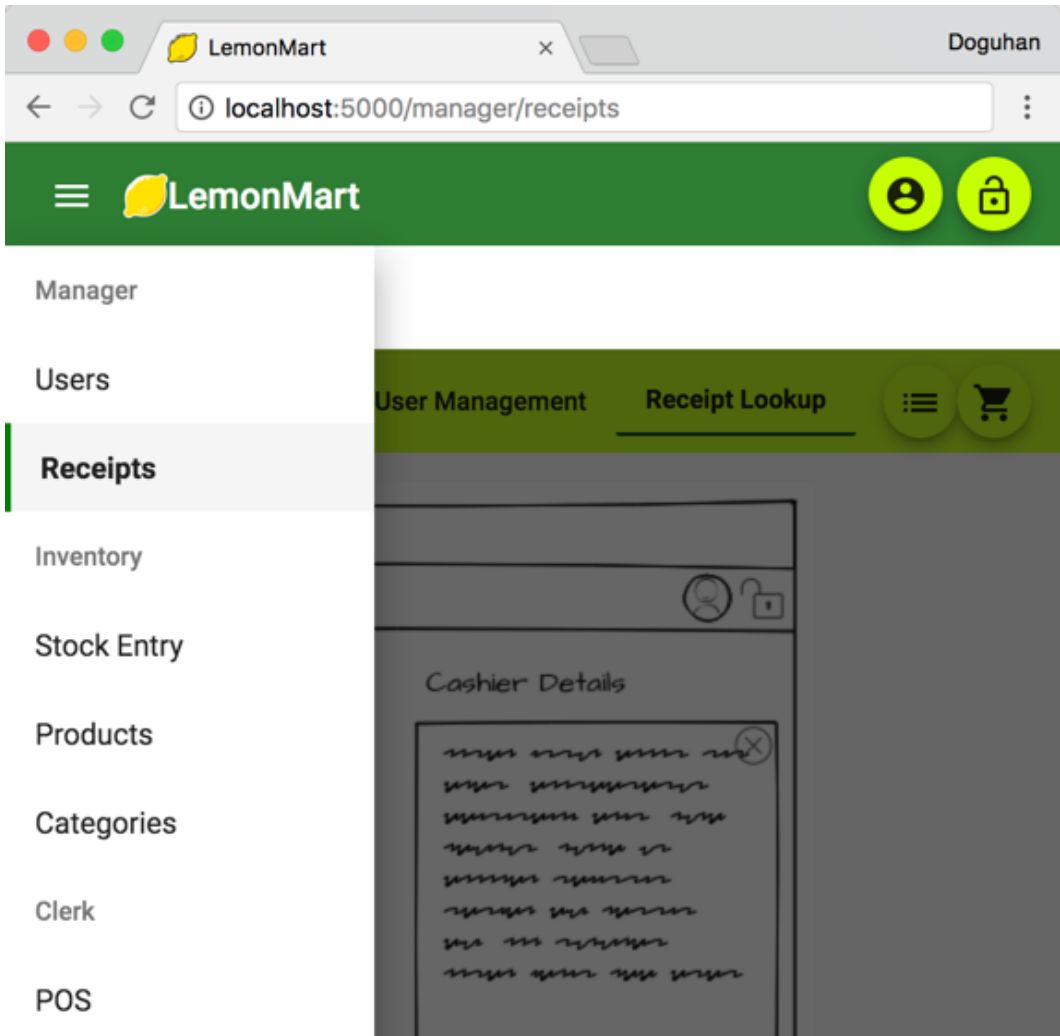
Receipt ID	Date
5a4c8c75	12/1/17
5ac6cebf	12/5/17
5ea393bf	12/23/17

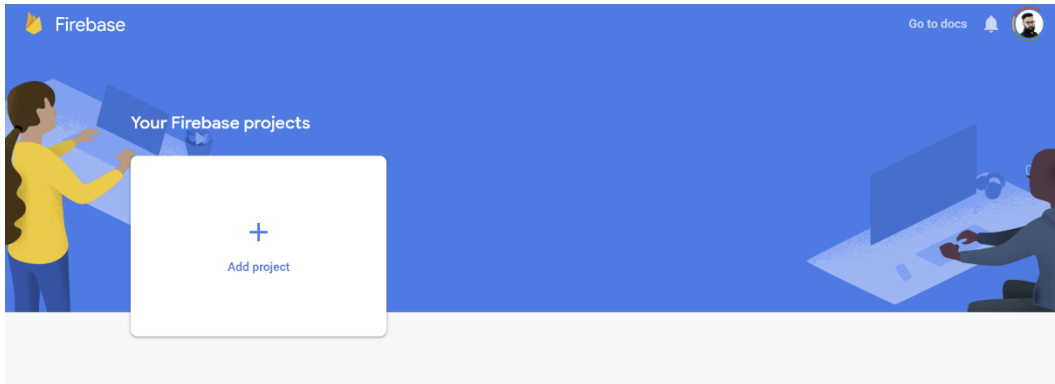
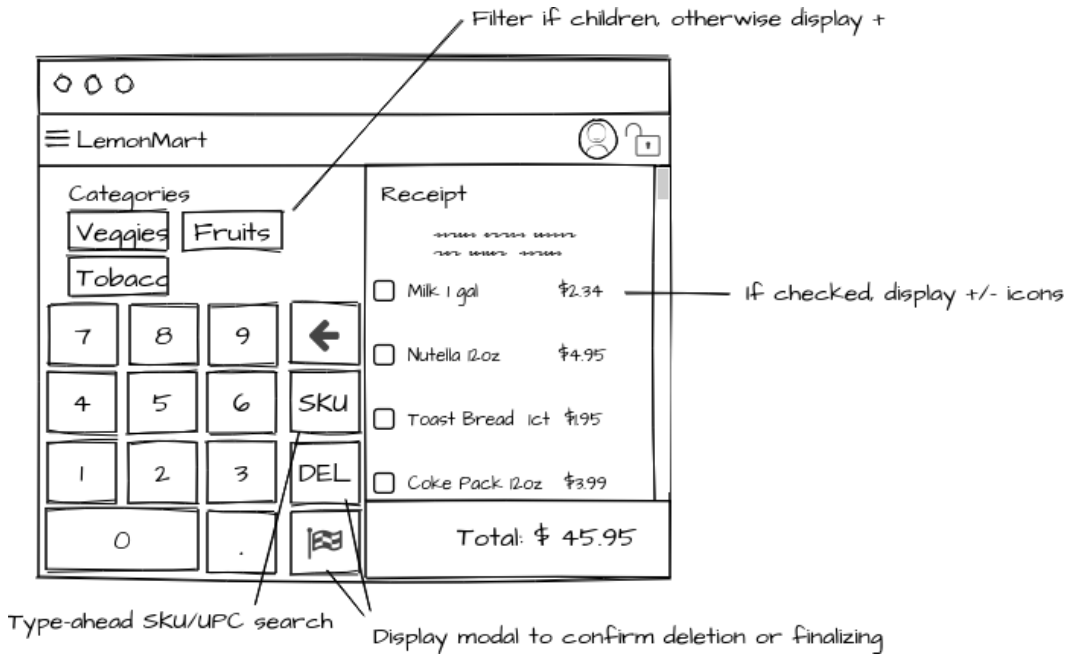
« 1 2 3 4 5 »

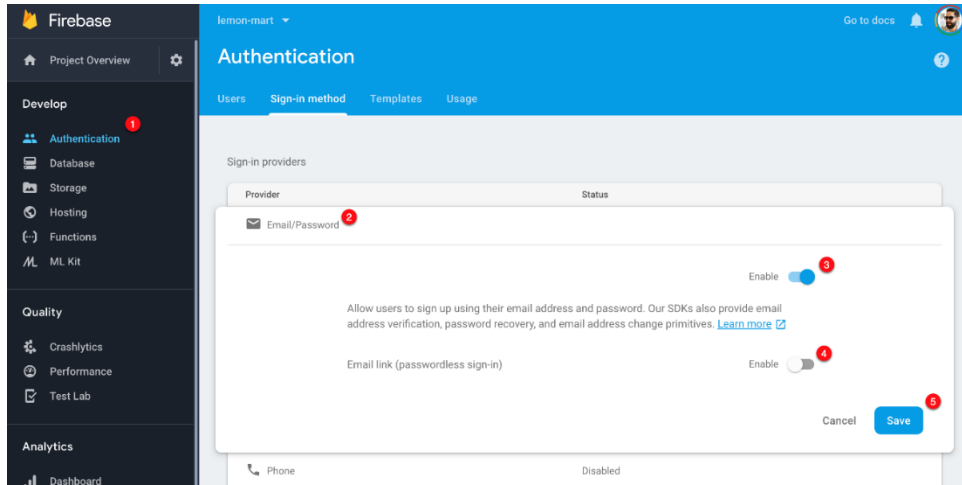
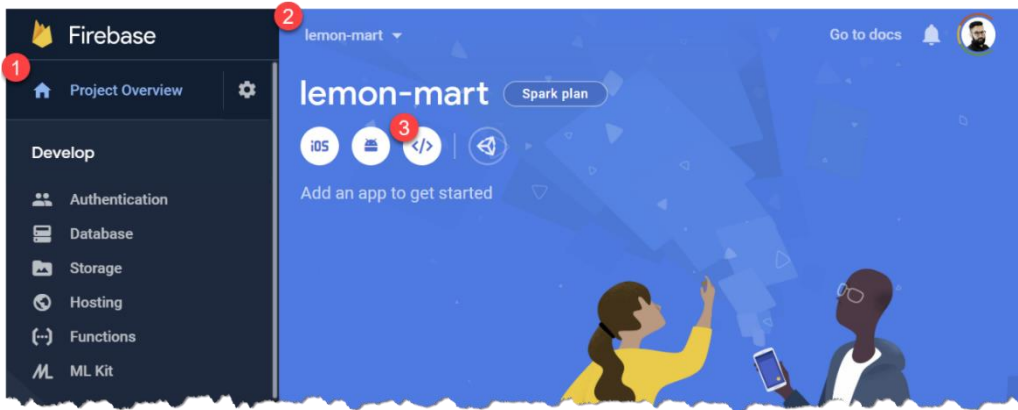
Cashier Details

📄 ✖

Handwritten notes in a text area.









Authentication



- Users
- Sign-in method
- Templates
- Usage

🔍 Search by email address, phone number, or user UID

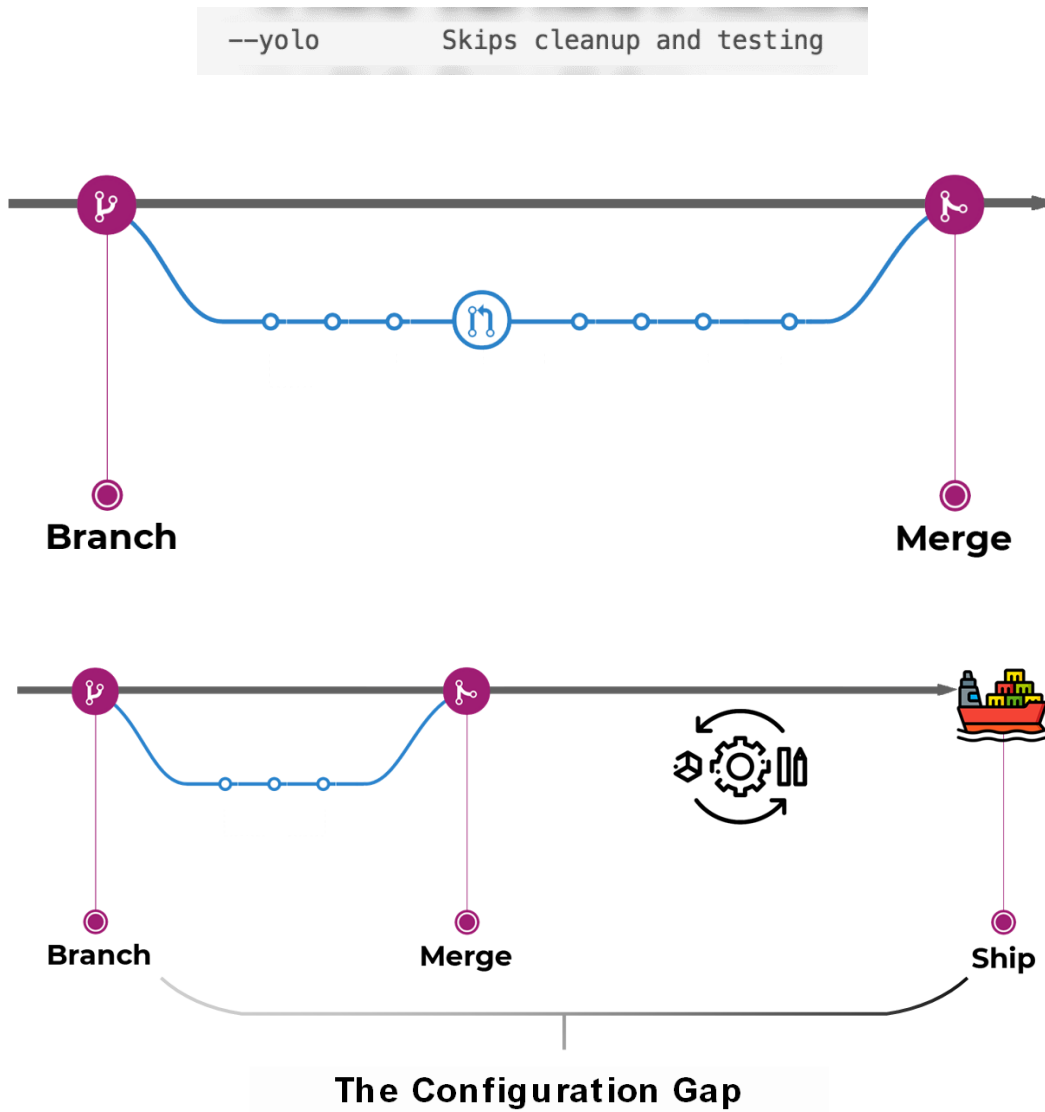
Add user

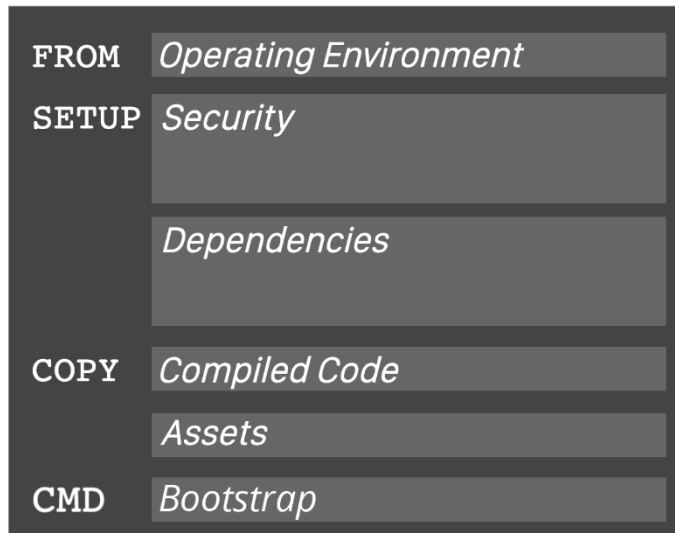


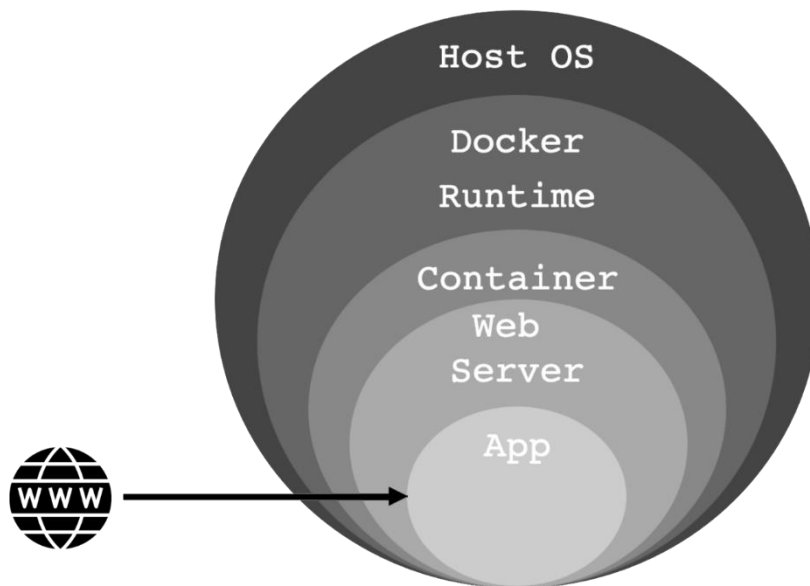
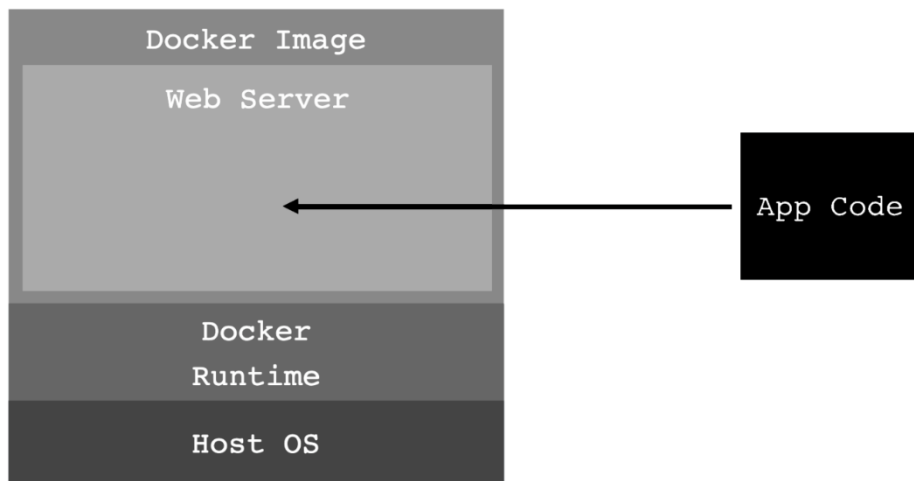
Identifier	Providers	Created	Signed In	User UID ↑
------------	-----------	---------	-----------	------------

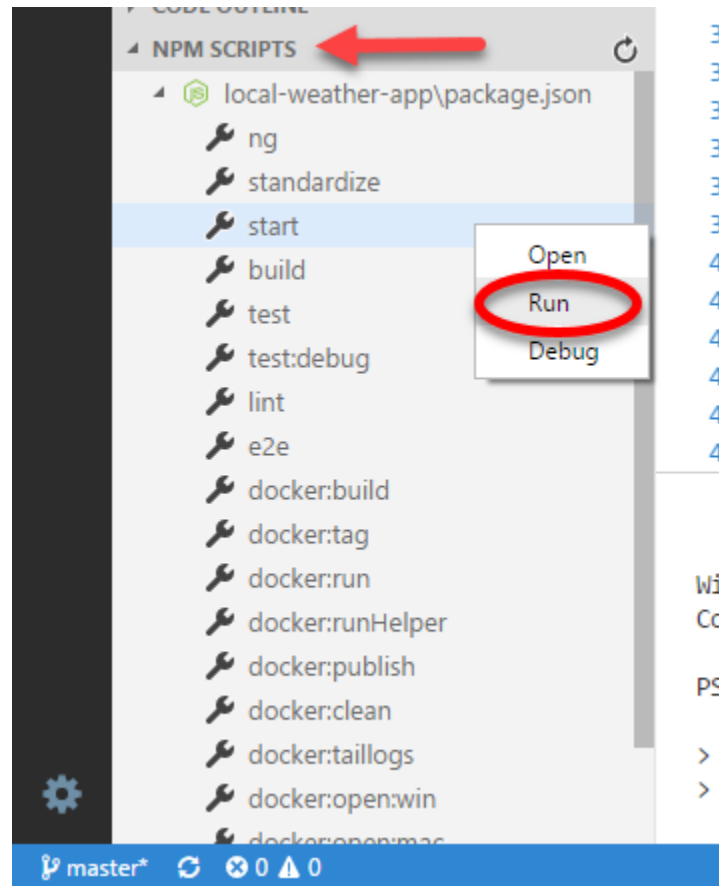
No users for this project yet

Chapter 9: DevOps Using Docker









File Edit Selection View Go Debug Terminal Help package.json - local-w

3 CONTAINERS

- ▶ duluca/localcast-weather (localcast-weather - Up 18 seconds)
- ▶ excellalabs/mongo:4.2.0 (lemon-mart-server_database_1 - U...

1 IMAGES

- ▼ duluca/localcast-weather
 - ▶ 9.0.0 (4 minutes ago)
 - ▶ latest (4 minutes ago)
- > duluca/minimal-node-web-server
- > excellalabs/mongo

4 REGISTRIES

- ▼ Docker Hub
 - ▼ duluca
 - > angular1.5-starter
 - > angular4-material2-starter
 - > angularevergreen
 - > angularperformance

NETWORKS

- bridge (bridge - 10 hours ago)
- lemon-mart-server_default (bridge - 20 hours ago)
- host (host - 5 months ago)
- none (null - 5 months ago)

VOLUMES

- ed9502ec080aded0414d3cb9a08ce3f19160ea44ff53ec1ab7...

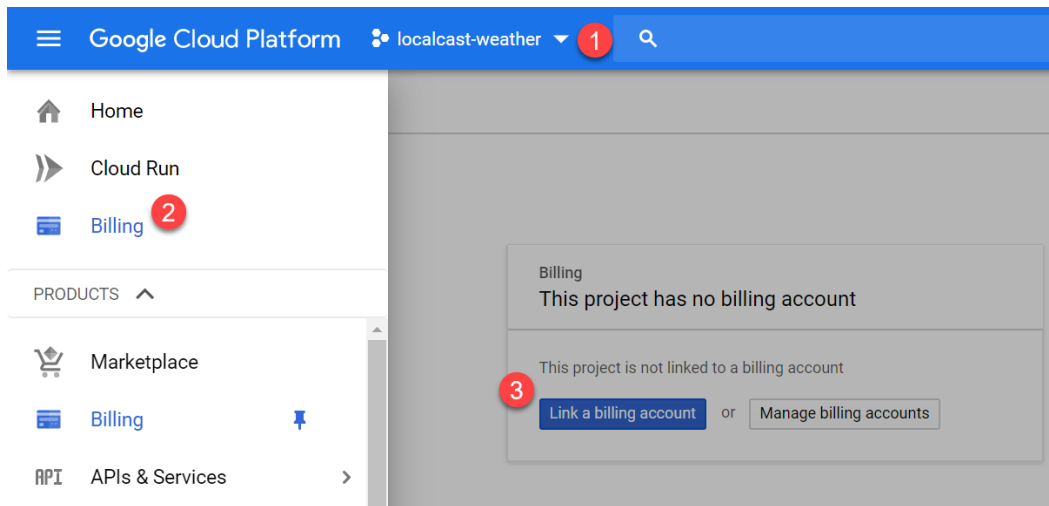
package.json X

```
package.json > ·
You, 2 hour
1
2   ": "loca:
3   ion": "9
4   nse": "M:
5   ig": {
6   ageRepo"
7   ageName"
8   agePort"
```

2

- Run
- Run Interactive
- Inspect
- Push
- Tag...
- Remove...

upgrade-to-ng8 0 0 duluca You, 2 years ago Ln 6, Col 43 (24 selected) S



```
Service name (localcast-weather):  
Deploying container to Cloud Run service [localcast-weather] in project [localcast-  
weather] region [us-east1]  
Deploying...  
  Creating Revision...done  
  Routing traffic...done  
Done.  
Service [localcast-weather] revision [localcast-weather-00011-yup] has been deployed  
and is serving 100 percent of traffic at https://localcast-weather-sgzmgloslq-  
ue.a.run.app
```

Google Cloud Platform localcast-weather

Cloud Run Service details [DEPLOY NEW REVISION](#)

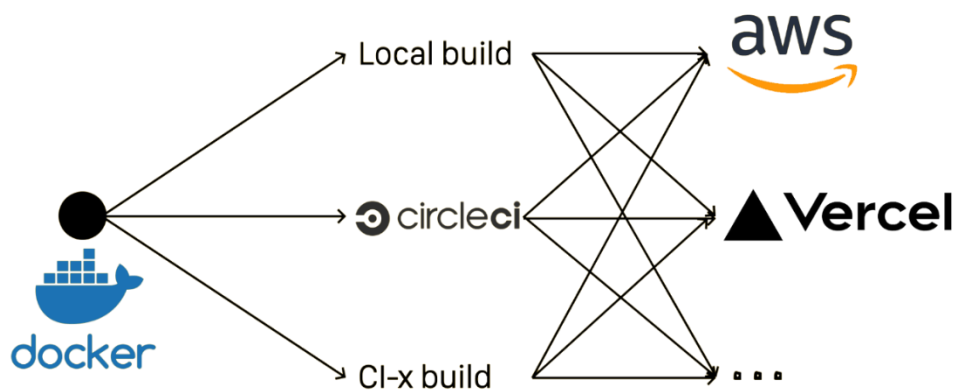
localcast-weather Region: us-east1 URL: <https://localcast-weather-sgzmglosiq-ue.a.run.app>

METRICS REVISIONS **LOGS** DETAILS YAML PERMISSIONS

Logs Showing 200 messages Any log level Filter

- 2019-12-18T07:41:03.695883822Z Container terminated due to sandbox error.
- 2019-12-18T07:43:07.630982918Z Application failed to start: Failed to create init process: Failed to load...
- 2019-12-18T07:43:07.736227472Z Container terminated due to sandbox error.
- 2019-12-18T07:43:08.797856Z [0mGET / [36m304 [0m2.471 ms - -[0m
- 2019-12-18T07:43:08.799322Z GET 304 330 B 11 ms Chrome 80 https://localcast-weather-sgzmglosiq-ue.a...
- 2019-12-18T07:43:09.205384Z [0mGET /main-es2015.64fb6b74cdcd233e42b0.js [36m304 [0m1.665 ms - -[0m
- 2019-12-18T07:43:09.205814Z [0mGET /polyfills-es2015.58725a5910daef768ca8.js [36m304 [0m1.669 ms - -[0m
- 2019-12-18T07:43:09.206792Z GET 304 332 B 7 ms Chrome 80 https://localcast-weather-sgzmglosiq-ue.a.r...
- 2019-12-18T07:43:09.206900Z [0mGET /styles.523cfe82bc089f264d5c.css [36m304 [0m1.707 ms - -[0m
- 2019-12-18T07:43:09.206929Z [0mGET /runtime-es2015.e59a6cd8f1b6ab0c3f29.js [36m304 [0m1.811 ms - -[0m
- 2019-12-18T07:43:09.207474Z GET 304 331 B 8 ms Chrome 80 https://localcast-weather-sgzmglosiq-ue.a.r...
- 2019-12-18T07:43:09.207838Z GET 304 330 B 8 ms Chrome 80 https://localcast-weather-sgzmglosiq-ue.a.r...
- 2019-12-18T07:43:09.208232Z GET 304 331 B 9 ms Chrome 80 https://localcast-weather-sgzmglosiq-ue.a.r...

No newer entries found matching current filter.



local-weather-app > deploy_zeitnow > build-test-and-deploy > deploy (506)

deploy SUCCESS Rerun ...

- ▶ **Attaching Workspace** 0s
- ▼ **npx now --token \$NOW_TOKEN --platform-version 2 --prod /tmp/workspace/dist/ch6 --confirm** 7s

```
#!/bin/bash -eo pipefail
npx now --token $NOW_TOKEN --platform-version 2 --prod /tmp/workspace/dist/ch6 --confirm

Now CLI 18.0.0
- Setting up project
> Upload [] 0% 0.0s> Upload [] 2% 6.3s> Upload [] 46% 0.6s> Upload [] 100% 0.0s
  Inspect: https://zeit.co/duluca/ch6/ofwzxkeme [3s]
- Building
- Building
 Production: https://ch6.now.sh [5s]
CircleCI received exit code 0
```

local-weather-app > deploy_cloudrun > build-test-and-deploy > deploy_cloudrun (481)

deploy_cloudrun ✔ SUCCESS Rerun ⋮

Duration 1m 20s Docker Medium cloudrun

- ✔ Initialize gcloud CLI to connect to Google Cloud 1s ↗ ⬇
- ✔ Prep Cloud Run components 36s ↗ ⬇
- ✔ Cloud Run Build 22s ↗ ⬇
- ✔ Cloud Run deploy 14s ↗ ⬇
- ✔ Test managed deployed service. 0s ↗ ⬇

```
#!/bin/bash -eo pipefail
GCP_API_RESULTS=$(curl -s "$GCP_DEPLOY_ENDPOINT")
if ! echo "$GCP_API_RESULTS" | grep -nwo "LocalCast Weather"; then
  echo "Result is unexpected"
  echo 'Result: '
  curl -s "$GCP_DEPLOY_ENDPOINT"
  exit 1;
fi

6:LocalCast Weather
CircleCI received exit code 0
```

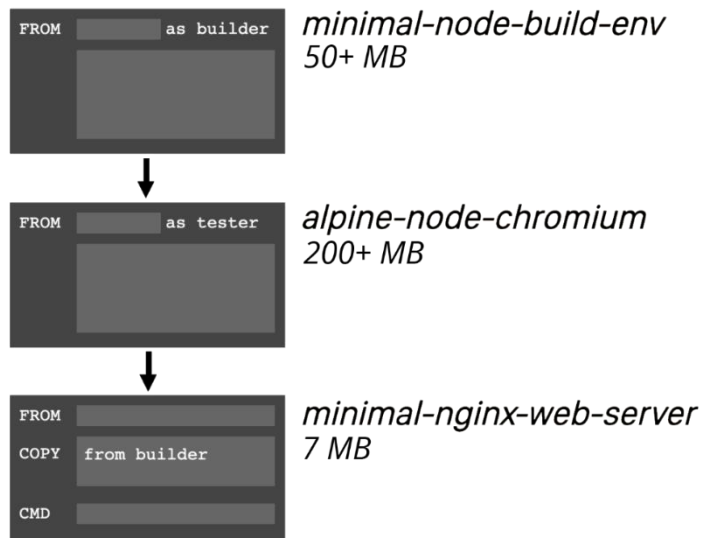
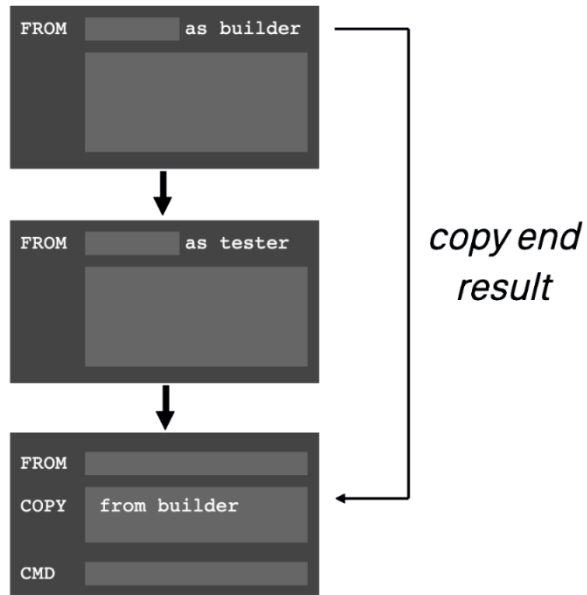
Pipelines / build-and-deploy

build-and-deploy ON_HOLD Rerun Workflow ⋮

Duration 9m 45s a7ce849 upgrade-to-ng8 duluca

```

graph LR
  build[✔ build 7m 8s] --> hold[⏸ hold]
  hold --> deploy[⋮ deploy]
  
```

Navigation sidebar with icons for home, search, settings, and other functions.

lemon-mart > docker-integration > build-and-deploy > build (329)

build ✓ SUCCESS

Rerun ⋮

Duration 8m 38s Finished 1 hour ago	Docker Medium 2 CPU / 4 GB RAM	#25 eda13e9	docker-integration Doguhan Uluca
---	--	----------------	--

STEPS TESTS ARTIFACTS

- ▶ Spin Up Environment 5s
- ▶ Preparing Environment Variables 0s
- ▶ Checkout code 0s
- ▶ Setup a remote Docker engine 1s
- ▶ Execute Pipeline (Build Source -> Test -> Build Web Server) 8m 28s
- ▶ Saving Cache 0s
- ▼ Uploading artifacts 0s

```
Uploading /home/circleci/repo/docker-cache/built-image.tar.gz to built-image.tar.gz
Uploading /home/circleci/repo/docker-cache/built-image.tar.gz (9.2 MB): DONE
```

All files

80.49% Statements [524/651](#) 55.75% Branches [97/174](#) 67.76% Functions [124/183](#) 79.02% Lines [437/553](#)

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File	Statements	Branches	Functions	Lines
src	100%	15/15	100%	0/0
src/app	100%	36/36	100%	0/0
src/app/auth	60.8%	76/125	25%	9/36
src/app/common	79.55%	70/88	26.92%	7/26
src/app/home	100%	14/14	100%	0/0
src/app/inventory	100%	6/6	100%	0/0
src/app/inventory/categories	100%	6/6	100%	0/0
src/app/inventory/categories/home	100%	6/6	100%	0/0
src/app/user/profile	87.69%	57/65	93.1%	54/58
src/app/user/user	71.6%	58/81	55.88%	19/34
src/app/user/view-user	100%	18/18	83.33%	5/6
src/environments	100%	1/1	100%	0/0

Code coverage generated by [istanbul](#) at Sat May 05 2018 17:05:21 GMT-0400 (EDT)

All files src/app/auth

61.6% Statements [77/125](#) 25% Branches [9/36](#) 38.24% Functions [13/34](#) 59.65% Lines [68/114](#)

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File	Statements	Branches	Functions	Lines
auth-guard.service.ts	48.72%	19/39	0%	0/14
auth.service.fake.ts	84.62%	11/13	100%	0/0
auth.service.ts	57.69%	30/52	28.57%	4/14
cache.service.ts	75%	12/16	50%	3/6
role.enum.ts	100%	5/5	100%	2/2

Code coverage generated by [istanbul](#) at Thu May 10 2018 02:50:40 GMT-0400 (Eastern Daylight Time)

All files / src/app/auth cache.service.ts

75% Statements 12/16 50% Branches 3/6 60% Functions 3/5 73.33% Lines 11/15

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

```
1 1x export abstract class CacheService {
2 1x   protected getItem<T>(key: string): T {
3 2x     const data = localStorage.getItem(key)
4 2x     if (data && data !== 'undefined') {
5     return JSON.parse(data)
6   }
7 2x   return null
8   }
9
10 1x   protected setItem(key: string, data: object | string) {
11 2x     if (typeof data === 'string') {
12     localStorage.setItem(key, data)
13   }
14 2x   localStorage.setItem(key, JSON.stringify(data))
15   }
16
17 1x   protected removeItem(key: string) {
18     localStorage.removeItem(key)
19   }
20
21 1x   protected clear() {
22     localStorage.clear()
23   }
24 1x }
25
```

Code coverage generated by [istanbul](#) at Thu May 10 2018 02:50:40 GMT-0400 (Eastern Daylight Time)



All checks have passed

[Hide all checks](#)

3 successful checks



 DeepScan — 0 new and 6 fixed issues


[Details](#)



 ci/circleci: build — Your tests passed on CircleCI!

[Details](#)




 coverage/coveralls — First build on upgrade-to-ng8 at 59.459%

[Details](#)



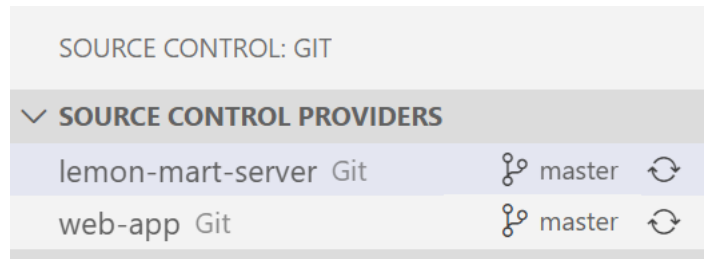
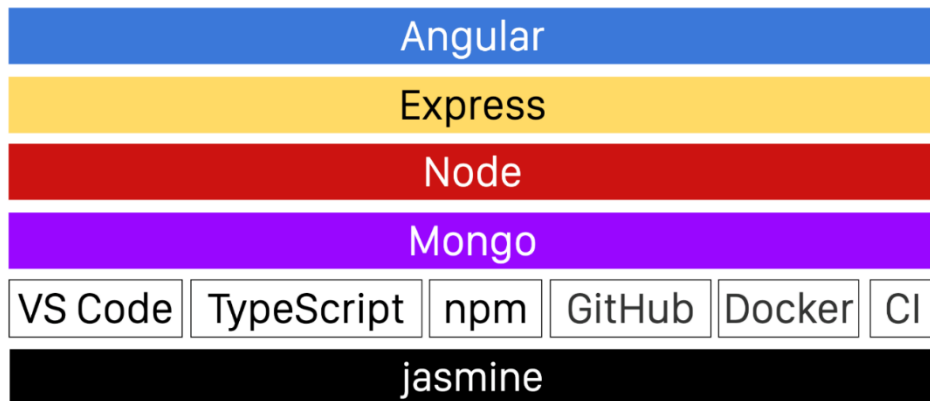
This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request 

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Chapter 10: RESTful APIs and Full-Stack Implementation



web:8080
on
duluca/minimal-nginx-web-server



lemon-mart-server:3000
on
node:its-alpine



lemondb:27017
on
duluca/minimal-mongo

Swagger Preview - c:\dev\lemon-mart-server\swagger.yaml - lemon-mart-server - Visual Studio Code

```
swagger.yaml
You, an hour ago | 1 author (You)
1 openapi: 3.0.1
2 info:
3   title: LemonMart
4   description: LemonMart API
5   version: "2.0.0"
6
7 servers:
8   - url: http://localhost:3000
9     description: Local environment
10  - url: https://mystagingserver.com
11    description: Staging environment
12  - url: https://myprodserver.com
13    description: Production environment
14
15 components:
16   securitySchemes:
17     bearerAuth:
18       type: http
19       scheme: bearer
20       bearerFormat: JWT
21   responses:
22     UnauthorizedError:
23       description: Unauthorized
24       content:
25         application/json:
26           schema:
27             $ref: "#/components/schemas/ServerMessage"
28   schemas:
29     ServerMessage:
30       type: object
31       properties:
32         message:
33           type: string
34     Role:
35       type: string
36       enum: [none, clerk, cashier, manager]
37     PhoneType:
38       type: string
39       enum: [none, mobile, home, work]
40     Phone:
41       type: object
42       properties:
43         type:
44           $ref: "#/components/schemas/PhoneType"
```

Swagger
powered by SMARTBEAR

LemonMart

LemonMart API

Servers

http://localhost:3000 - Local environment Authorize

default

- POST /v1/login
- GET /v1/auth/me lock
- GET /v2/users
- POST /v2/users Create a new "User"
- GET /v2/users/{id}
- PUT /v2/users/{id} Updates an existing "User"

Schemas

ServerMessage

SMARTBEAR SwaggerHub

lemon-mart 2.0.0

Info Tags Servers

```
1 openapi: 3.0.1
2 info:
3   title: LemonMart
4   description: LemonMart API
5   version: "2.0.0"
6
7 servers:
8   - url: http://localhost:3000
9     description: Local environment
10  - url: https://mystagingserver.com
11    description: Staging environment
12  - url: https://myprodserver.com
13    description: Production environment
14
15 components:
16   securitySchemes:
17     bearerAuth:
18       type: http
19       scheme: bearer
20       bearerFormat: JWT
21   responses:
22     UnauthorizedError:
23       description: Unauthorized
24       content:
25         application/json:
26           schema:
27             $ref: "#/components/schemas/ServerMessage"
28
29 schemas:
30   ServerMessage:
31     type: object
32     properties:
33       message:
34         type: string
35   Role:
36     type: string
37     enum: [none, clerk, cashier, manager]
38   PhoneType:
39     type: string
40     enum: [none, mobile, home, work]
41   Phone:
42     type: object
43     properties:
44       $ref: "#/components/schemas/PhoneType"
45     digits:
46       type: string
47     required:
48       - type
49       - digits
50   Name:
51     type: object
52     properties:
53       first:
54         type: string
```

LemonMart

2.0.0 OAS3

LemonMart API

Authorize

Servers

http://localhost:3000

Local environment

default

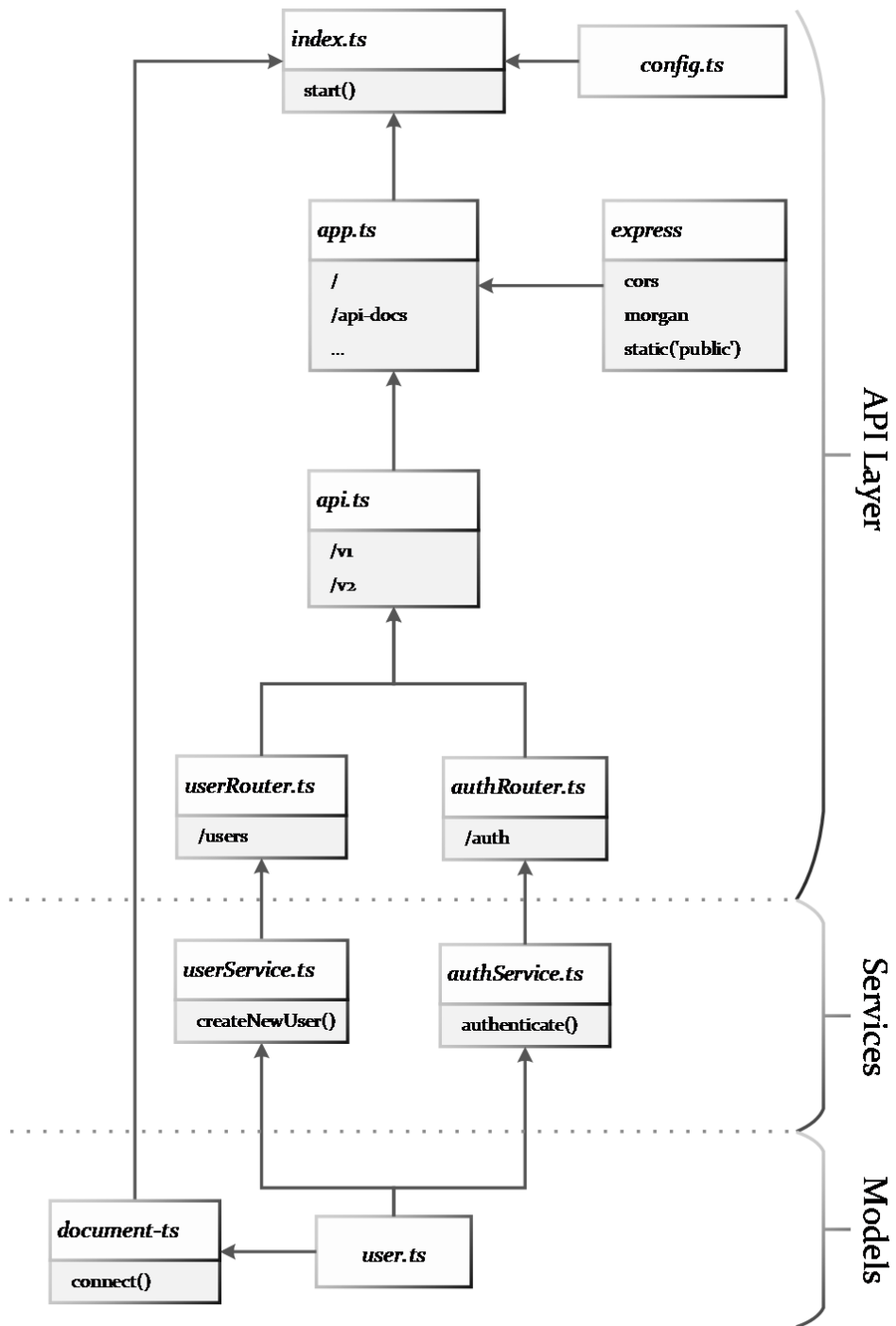
- POST /v1/login
- GET /v1/auth/me
- GET /v2/users
- POST /v2/users Create a new 'User'
- GET /v2/users/{id}
- PUT /v2/users/{id} Updates an existing 'User'

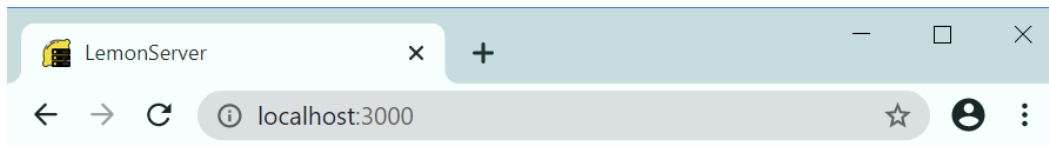
Schemas

ServerMessage

Last Saved: 10:26:17 pm - Dec 19, 2019

VALID





Server is up and running!

Interactive API Documentation can be found at </api-docs>.

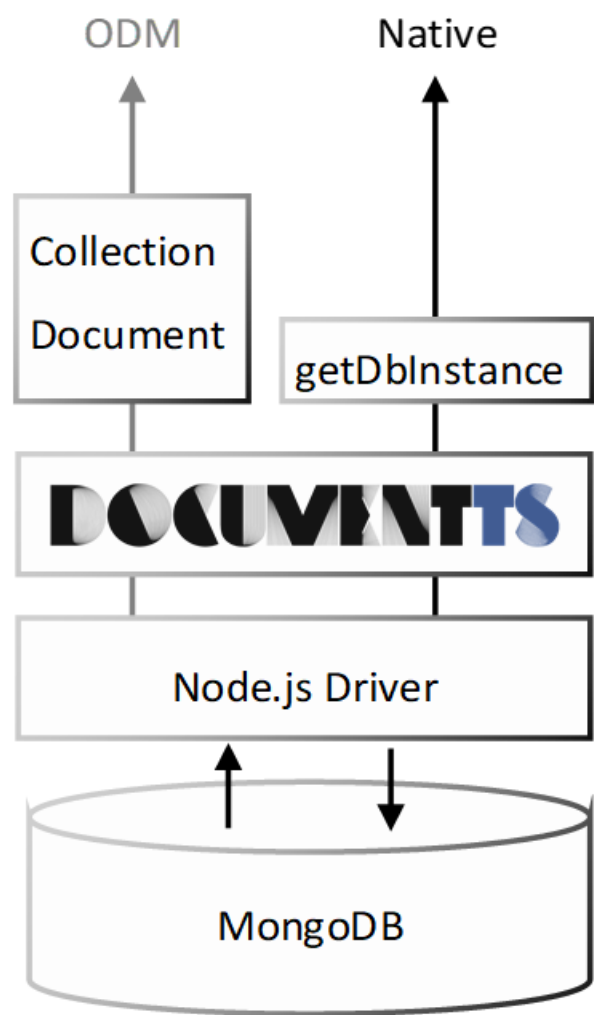
If you used **docker-compose up**, Angular App should be at <http://localhost:8080>.

To create users either use </api-docs> or [Postman](#) (or similar) and POST the following data:

```
POST http://localhost:3000/user
Headers: Content-Type application/json
Body: raw
{
  "email": "vader@bronies.com",
  "firstName": "Darth",
  "lastName": "Vader",
  "role": "Night Manager"
}
```

More information can be found on GitHub at <https://github.com/duluca/lemon-mart> 🍋

Powered by **DOCUMENTS**



The screenshot shows the Postman interface for a GET request to `http://localhost:3000/v2/users`. The request is configured with the following settings:

- Method:** GET
- URL:** `http://localhost:3000/v2/users`
- Authorization:** Bearer Token (Type: Bearer Token, Token: `{{token}}`)
- Headers:** 8 headers (indicated by a red circle '1')
- Body:** The response body is displayed in the 'Body' tab, showing a JSON structure with a 'data' array (lines 1-3).
- Status:** 200 OK, Time: 7ms, Size: 413 B

Red circles highlight key elements: '1' on the Headers tab, '2' on the Bearer Token dropdown, and '3' on the Token input field.

The screenshot shows the Postman Runner interface. The 'Runner' button is highlighted, and a tooltip displays the text 'Run collections'. Below the Runner button is a search bar labeled 'Filter'.

Collection Runner My Workspace ▼ Run In Command Line Docs

Choose a collection or folder

◀ LemonMart 1

- GET Get Users
- POST Create User
- POST Create Users
- GET Get User by Id
- POST Login

Environment LemonMart Server 2

Iterations

Delay ms

Log Responses For all requests i

Data Select File

Keep variable values i

Run collection without using stored cookies

Save cookies after collection run i

Run LemonMart 4

RUN ORDER Deselect All | Select All | Reset

- GET Get Users
- POST Create User
- POST Create Users 3
- GET Get User by Id
- POST Login
- POST Me

0 PASSED

0 FAILED

LemonMart LemonMart Server just now

Run Summary

Export Results

Retry

New

Iteration 1						1
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	6 ms 404 B	
This request does not have any tests.						
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	4 ms 429 B	
This request does not have any tests.						
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	4 ms 400 B	
This request does not have any tests.						
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	5 ms 409 B	
This request does not have any tests.						
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	6 ms 412 B	
This request does not have any tests.						
POST	Create Users	http://localhost:3000/v2/...	LemonMart / Create Users	200 OK	4 ms 406 B	
This request does not have any tests.						

New Import Runner My Workspace Invite Upgrade

GET Get Users LemonMart Server

Get Users Comments (0) Examples (0)

GET http://localhost:3000/v2/users Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies Code

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input type="checkbox"/> skip	0			
<input type="checkbox"/> limit	5			
<input type="checkbox"/> sortKey	name			
<input type="checkbox"/> filter				
Key	Value	Description		

Body Cookies Headers (7) Test Results Status: 200 OK Time: 7ms Size: 1.26 KB Save Response

Pretty Raw Preview Visualize BETA

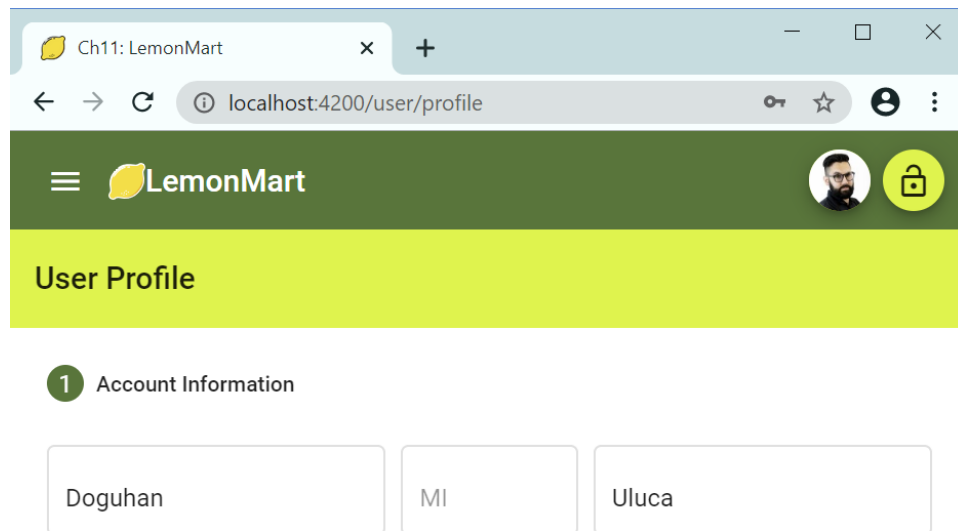
```

{
  "data": [
    {
      "_id": "5da01751da27cc462d265913",
      "email": "duluca@gmail.com",
      "name": {
        "first": "Doguhan",
        "last": "Uluca"
      },
      "role": "manager",
      "fullName": "Doguhan Uluca"
    },
    {
      "_id": "5dffff3e6b30d157e08962f4",
      "email": "veli@gmail.com",
      "name": {
        "first": "Veli",
        "last": "Tepeli"
      },
      "role": "clerk",
      "fullName": "Veli Tepeli"
    },
    {
      "_id": "5dffff3e6b30d157e08962f5",
      "email": "thunderdome@hotmail.com",
      "name": {
        "first": "Justin",
        "last": "Thunderclaps"
      },
      "role": "clerk",
      "fullName": "Justin Thunderclaps"
    },
    {
      "_id": "5dffff3e6b30d157e08962f6",
      "email": "jt23@hotmail.com",
      "name": {
        "first": "Tim",
        "last": "John"
      },
      "role": "clerk",
      "fullName": "Tim John"
    },
    {
      "_id": "5dffff3e6b30d157e08962f7",
      "email": "apple@smith.com",
      "name": {
        "first": "Obladi",
        "last": "Oblada"
      },
      "role": "clerk",
      "fullName": "Obladi Oblada"
    },
    {
      "_id": "5dffff3e6b30d157e08962f8",
      "email": "jones.smith@icloud.com",
      "name": {
        "first": "Smith",
        "last": "Jones"
      },
      "role": "clerk",
      "fullName": "Smith Jones"
    },
    {
      "_id": "5dffff3e6b30d157e08962f9",
      "email": "bugs@bunnylove.com",
      "name": {
        "first": "Bugs",
        "last": "Bunny"
      },
      "role": "clerk",
      "fullName": "Bugs Bunny"
    }
  ],
  "total": 7
}

```

Continue learning Build Browse

Chapter 11: Recipes – Reusability, Routing, and Caching



Ch11: LemonMart x + - □ ×

← → ↻ ⓘ localhost:4200/user/profile 🔑 ☆ 👤 ⋮

☰ 🍋 LemonMart 👤 🔒

User Profile

1 Account Information

Doguhan

MI

Uluca



User Profile

1 Account Information

2 Contact Information

3 Review

First Name

Doguhan

MI

Last Name

Uluca

Date of Birth

1/31/1980



40 year(s) old

E-mail

duluca@gmail.com

Only your manager can update your e-mail.

Role None Cashier Clerk Manager

Select the Limoncu level:

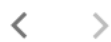
Next

Date of Birth

4/26/2020



APR 2020 ▼



S M T W T F S

APR 1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30



Date of Birth

1/31/1980



40 year(s) old

State

V

Virginia

Virgin Islands

Vermont


Phone Number(s) + Add Phone

Type

Mobile

Number

5555550717



Type


None

Mobile


Home

Work

Number



Number





User Profile



Account Information



Contact Information



Review

Review and update your user profile.



Doguhan Uluca

manager

E-mail

duluca@gmail.com

Date of Birth

Jan 31, 1980

[Back](#)

[Reset](#)

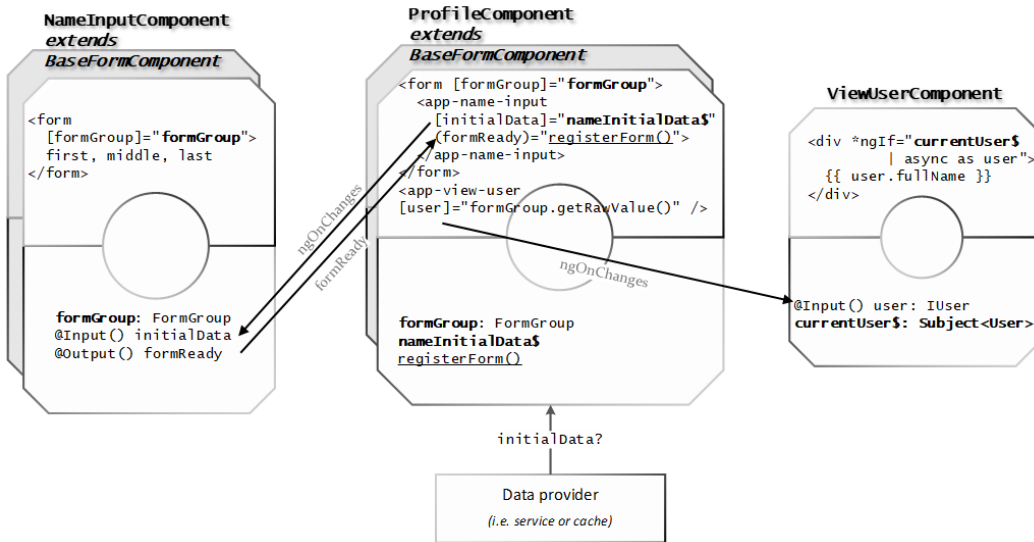
[Update](#)

User Profile


- 1 Account Information — 2 Contact Information — 3 Review


First Name MI Last Name

Date of Birth E-mail



Phone Number(s) + Add Phone

Type	Number	
Mobile ▼	+1(555) 555-0717	

Type	Number	
Type ▼	+1(____) ____-____	

Select the Limoncu level: *neither a lemon or a lime*





Password



Minimum 8 characters

Login

Authentication Mode: *In Memory*

Fake Login Info



Use any 8 character string as password

Role

E-mail

None

Any @test.com email

Fill

Clerk

clerk@test.com

Fill

Cashier

cashier@test.com

Fill

Manager

manager@test.com

Fill

LemonMart

User Profile

Account Information — Contact Information — **3 Review**

Review and update your user profile.

6 **Johnny Cache**
manager

E-mail
duluca@gmail.com

Date of Birth
Jan 1, 1980

4 An unknown error has occurred **Reset** **3 Update**

5 / 22 requests | 12.5 kB / 8.1 MB transferred | 11.3 kB / 8.1 MB resources

Name	Status	Type	Initiator	Size	Time
lemon.svg	200	xhr	zone-ever...	8.8	
me	200	xhr	zone-ever...	70	
info?t=15879394544...	200	xhr	zone-ever...	36	
xhr_streaming?t=158...	200	xhr	zone-ever...	2.6 kB	25.0...
5da01751da27cc462...	(faile...	xhr	zone-ever...	0 B	9 ms



User Profile

- 1 Account Informati... — 2 Contact Informati... — 3 Review

First Name

Johnny

MI

Last Name

Cache

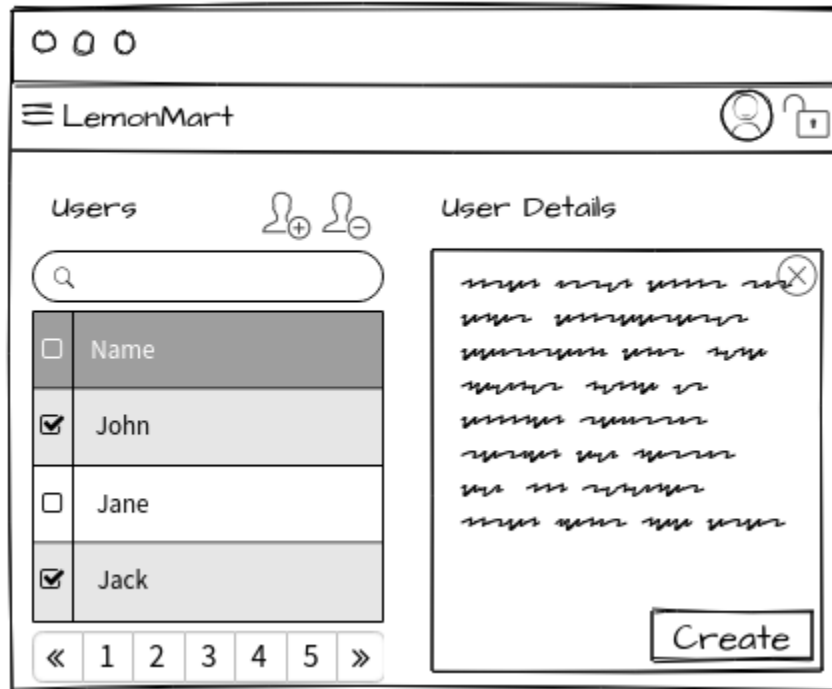
1



Loaded data from cache

Close

Date of Birth

Chapter 12: Master/Detail, Data Tables, and NgRx



Name ↑	E-mail	Role	View Details
Bugs Bunny	bugs@bunnylove.com	clerk	
Doguhan Uluca	duluca@gmail.com	manager	

Developer Tools - http://localhost:5000/manager/users

Elements Console Sources Network Performance Memory Application Security Audits Augury

view-user.component.ts x

```
31 },
32 })
33 export class ViewUserComponent implements OnInit {
34   @Input() user: IUser
35   currentUser = new User()
36
37   get editMode() {
38     return !this.user
39   }
40
41   constructor(private route: ActivatedRoute) {}
42
43   ngOnInit() {
44     if (this.user) {
45       this.currentUser = User.BuildUser(this.user)
46     }
47
48     if (this.route.snapshot && this.route.snapshot.data) {
49       this.currentUser = User.BuildUser(this.route.snapshot.data['user'])
50       this.currentUser.dateOfBirth = Date.now() // for data mocking purposes only
51     }
52   }
53 }
```

Object

- user: {id: "Sample text", email: "Sample t...
- __proto__: Object

used on breakpoint



- Stack
- ViewUserComponent.ngOnInit
- view-user.component.ts:50
- checkAndUpdateDirectiveInline
- core.js:12365
- checkAndUpdateNodeInline
- core.js:13889
- checkAndUpdateNode
- core.js:13832
- debugCheckAndUpdateNode
- core.js:14725
- debugCheckDirectivesFn
- core.js:14666
- (anonymous)
- ViewUserCompon...ory.js? [sm]:1
- debugUpdateDirectives
- core.js:14651



{ } Line 49, Column 17 (source mapped from view-user.component.ts)

Console

Angular is running in the development mode. Call enableProdMode() to enable the production mode. core.js:13683

```
> this.currentUser
< User {id: "Sample text", email: "Sample text", name: {...}, picture: "Sample text", role: "clerk", ...}
```

☰ LemonMart  

Manager's Dashboard **User Management** Receipt Lookup  

Manager

Users

Receipts

Inventory

Stock Entry






Products





Categories

Clerk

POS

🔍 Search
Search by e-mail or name

Name ↑	E-mail	Role	View Details
Bugs Bunny	bugs@bunnylove.com	clerk	
Doguhan Uluca	duluca@gmail.com	manager	
Justin Thunderclaps	thunderdome@hotmail.com	clerk	
Obladi Oblada	apple@smith.com	clerk	
Smith Jones	jones.smith@icloud.com	clerk	

 Items per page: 5  1 - 5 of 7  

Name ↑	E-mail	Role	View Details
Bugs Bunny	bugs@bunnylove.com	clerk	
Doguhan Uluca	duluca@gmail.com	manager	
Justin Thunderclaps	thunderdome@hotmail.com	clerk	
Obladi Oblada	apple@smith.com	clerk	
Smith Jones	jones.smith@icloud.com	clerk	

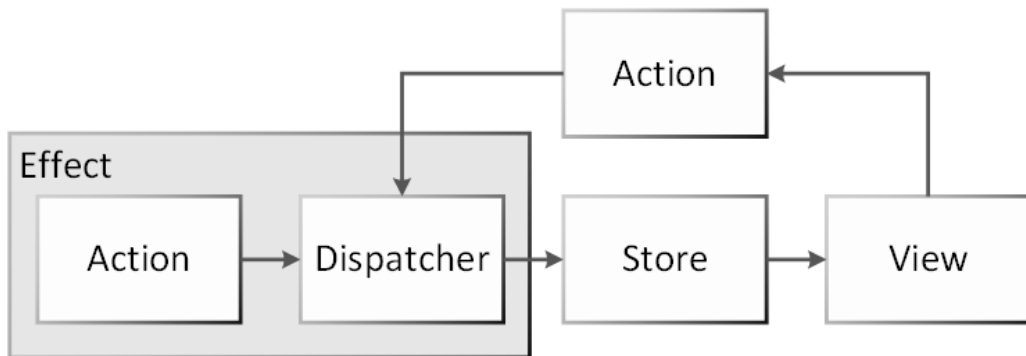
Items per page: 5 1 - 5 of 7

Bugs Bunny
clerk

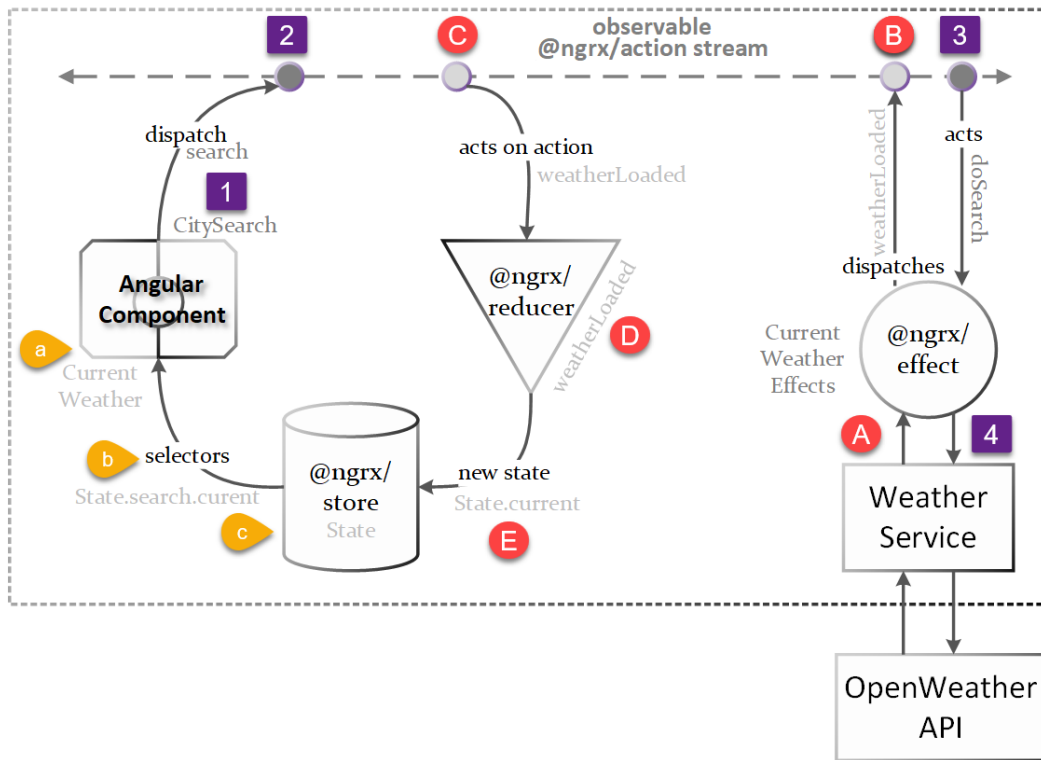
E-mail
bugs@bunnylove.com

Date of Birth
Jul 26, 1940

[Edit](#)



LocalCast Weather



LocalCast Weather

Your city, your forecast, right now!

🔍 City Name or Postal Code

Specify country code like 'Paris, US'

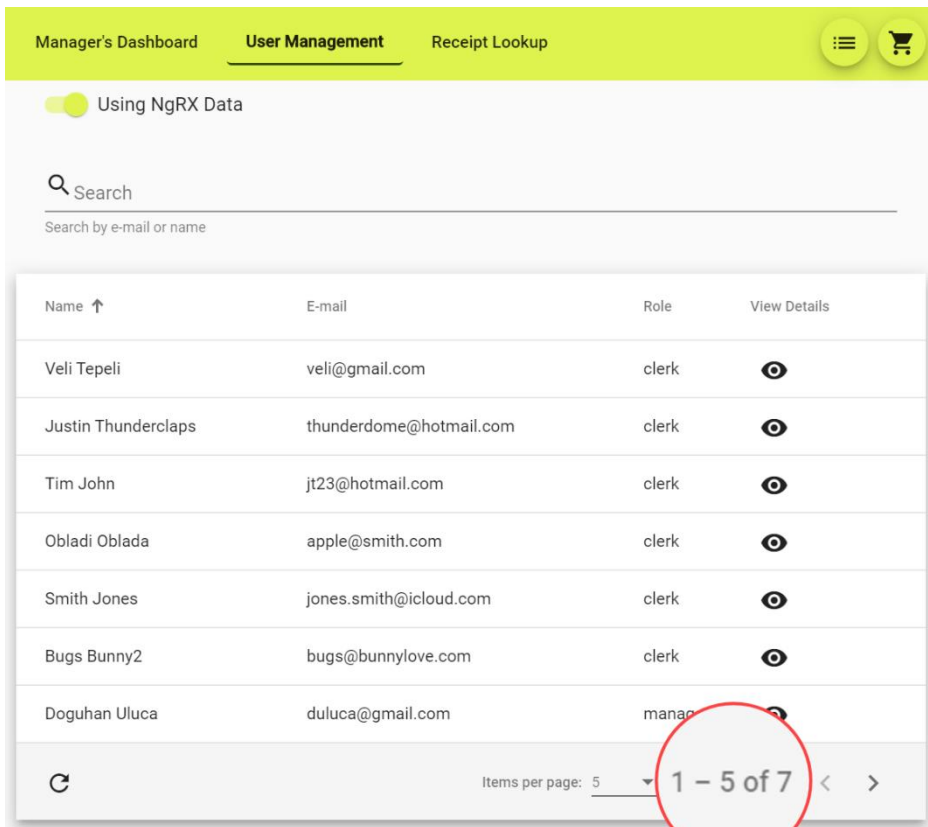
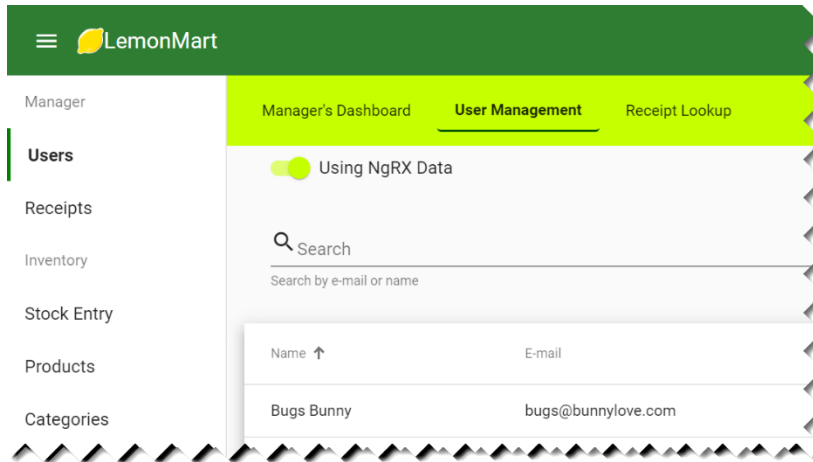
Using NgRX

Current Weather

--, --

Sunday Jul
7th

0 °F



Chapter 13: Highly Available Cloud Infrastructure on AWS



Sign in

Email address of your AWS account

To sign in as an IAM user, enter your [account ID](#) or [account alias](#) instead.

Next

New to AWS?

Create a new AWS account



AWS Accounts Include 12 Months of Free Tier Access

Including use of Amazon EC2,
Amazon S3, and Amazon DynamoDB

Visit aws.amazon.com/free for full offer terms

IAM Resources

Users: 1

Roles: 4

Groups: 1

Identity Providers: 0

Customer Managed Policies: 0

Security Status

5 out of 5 complete.

- | | | |
|-------------------------------------|-----------------------------------|---|
| <input checked="" type="checkbox"/> | Delete your root access keys | ▼ |
| <input checked="" type="checkbox"/> | Activate MFA on your root account | ▼ |
| <input checked="" type="checkbox"/> | Create individual IAM users | ▼ |
| <input checked="" type="checkbox"/> | Use groups to assign permissions | ▼ |
| <input checked="" type="checkbox"/> | Apply an IAM password policy | ▼ |

Create Cluster

Step 1: Select cluster template

Step 2: Configure cluster

Select cluster template

The following cluster templates are available to simplify cluster integrations can be added later.

Networking only

Resources to be created:

- Cluster
- VPC (optional)
- Subnets (optional)

Powered by AWS Fargate

EC2 Windows + Networking

[Back](#)

[View Cluster](#)

ECS status - 2 of 2 complete **fargate-cluster**

✔ **ECS cluster**
ECS Cluster fargate-cluster successfully created

✔ **CloudFormation Stack**
CloudFormation stack EC2ContainerService-fargate-cluster and its resources successfully created

Build, tag, and push Docker image

Now that your repository exists, you can push a Docker image by following these steps:



Successfully created repository

██████████.dkr.ecr.us-east-1.amazonaws.com/lemon-mart

To install the AWS CLI and Docker and for more information on the steps below, visit the [ECR documentation page](#).

1) Retrieve the `docker login` command that you can use to authenticate your Docker client to your registry:

Note:

If you receive an "Unknown options: --no-include-email" error, install the latest version of the AWS CLI.

[Learn more](#)

```
aws ecr get-login --no-include-email --region us-east-1
```

2) Run the `docker login` command that was returned in the previous step.

Configure task and container definitions

A task definition specifies which containers are included in your task and how they interact with each other. You can also specify data volumes for your containers to use. [Learn more](#)

Task Definition Name* ⓘ

Requires Compatibilities* FARGATE

Task size ⓘ

The task size allows you to specify a fixed size for your task. Task size is required for tasks using the Fargate launch type and is optional for the EC2 launch type. Container level memory settings are optional when task size is set. Task size is not supported for Windows containers.

Task memory (GB)

The valid memory range for 0.25 vCPU is: 0.5GB - 2GB.

Task CPU (vCPU)

The valid CPU for 0.5 GB memory is: 0.25 vCPU

Task memory maximum allocation for container memory reservation



Task CPU maximum allocation for containers



Container Definitions ⓘ

[Add container](#)

Container Name	Image	Hard/Soft m...	CPU Units	Essential	
lemon-mart		--/128		true	✕

*Required

[Cancel](#)

[Previous](#)

[Create](#)

Step 6: Review

Please review the load balancer details before continuing

▼ Load balancer

[Edit](#)

Name lemon-mart-alb
Scheme internet-facing
Listeners Port:80 - Protocol:HTTP
IP address type ipv4
VPC vpc-0df0542ba3582af1e
Subnets subnet-0f115e4024776e118 (fargate-cluster/Public), subnet-0928ad2454ea040f9 (fargate-cluster/Public)
Tags App:LemonMart

▼ Security groups

[Edit](#)

Security groups lemon-mart-sg

▼ Routing

[Edit](#)

Target group New target group
Target group name lemon-mart-target-group
Port 80
Target type ip
Protocol HTTP
Health check protocol HTTP
Path /
Health check port traffic port
Healthy threshold 5
Unhealthy threshold 2
Timeout 5
Interval 30
Success codes 200

▼ Targets

[Edit](#)

IP addresses

[Cancel](#)

[Previous](#)

[Create](#)

Review

Edit

Cluster fargate-cluster
Launch type FARGATE
Task Definition lemon-mart-task:1
Service name lemon-mart-service
Number of tasks 2
Minimum healthy percent 50
Maximum percent 200

Configure network

Edit

VPC Id vpc-edc6ac96
Subnets subnet-0af3cc35, subnet-1eb95479
Selected security groups sg-f334feba
Auto assign IP ENABLED
Container Name: lemon-mart
Container Port: 80
ELB Name: lemon-mart-alb
Target Group: lemon-mart-target-group
Health Check Path: /
Listener Port: 80
Path-pattern: /

Create Record Set

Name: .angularforenterprise.com.

Type:

Alias: Yes No

Alias Target:

Alias Hosted Zone ID: Z35SXDOTRQ7X7K

You can also type the domain name for the resource. Examples:

- CloudFront distribution domain name: d111111abcdef8.cloudfront.net
- Elastic Beanstalk environment CNAME: example.elasticbeanstalk.com
- ELB load balancer DNS name: example-1.us-east-2.elb.amazonaws.com
- S3 website endpoint: s3-website.us-east-2.amazonaws.com
- Resource record set in this hosted zone: www.example.com
- VPC endpoint: example.us-east-2.vpce.amazonaws.com
- API Gateway custom regional API: d-abcde12345.execute-api.us-west-2.amazonaws.com
- Global Accelerator DNS name: a012345abc.awsglobalaccelerator.com

[Learn More](#)

Routing Policy:

Route 53 responds to queries based only on the values in this record. [Learn More](#)

Evaluate Target Health: Yes No

[Clusters](#) > [fargate-cluster](#) > Service: lemon-mart-service

Service : lemon-mart-service

Cluster	fargate-cluster	Desired count	2
Status	ACTIVE	Pending count	0
Task definition	lemon-mart-task:1	Running count	2
Launch type	FARGATE		
Platform version	LATEST		
Service role	aws-service-role/ecs.amazonaws.com/AWSServiceRoleForECS		

Clusters > fargate-cluster > Task: 0d01d542-d1be-4915-a5e1-4e884ee0f2b1


Task : 0d01d542-d1be-4915-a5e1-4e884ee0f2b1

Details

Logs

Cluster	fargate-cluster
Launch type	FARGATE
Platform version	1.0.0
Task definition	lemon-mart-task:1
Group	service:lemon-mart-service
Task role	None
Last status	RUNNING
Desired status	RUNNING
Created at	2018-01-21 23:46:52 -0500

Network

Network mode	awsvpc
ENI Id	eni-23f0bfd8
Subnet Id	subnet-b3311bf8
Private IP	10.0.1.181
Public IP	54.164.92.137 
Mac address	0a:c0:a3:26:b9:7c

Hello, Limoncu!

 E-mail

 Password
Minimum 8 characters

Login

Authentication Mode: *In Memory*

Fake Login Info

Service : lemon-mart-service

Update

Delete

Cluster	fargate-cluster	Desired count	2
Status	ACTIVE	Pending count	2
Task definition	lemon-mart-task:5	Running count	2
Launch type	FARGATE		
Platform version	LATEST		
Service role	aws-service-role/ecs.amazonaws.com/AWSServiceRoleForECS		

- Details
- Tasks
- Events
- Auto Scaling
- Deployments
- Metrics
- Logs

Last updated on January 22, 2018 1:22:22 AM (0m ago)



Task status: **Running** Stopped

Filter in this page

< 1-4 > Page size 50

Task	Task Definiti...	Last status	Desired stat...	Group	Launch type	Platform ver...
c017b8f5-399...	lemon-mart-t...	PROVISIONING	RUNNING	service:lemon...	FARGATE	1.0.0
d4b62953-20...	lemon-mart-t...	PROVISIONING	RUNNING	service:lemon...	FARGATE	1.0.0
7e8ffb2-ac85...	lemon-mart-t...	RUNNING	RUNNING	service:lemon...	FARGATE	1.0.0
fb12d2f0-e3c...	lemon-mart-t...	RUNNING	RUNNING	service:lemon...	FARGATE	1.0.0

▶ Configure AWS Secret Access Key	0s	↗	↓
▶ Configure AWS default region	0s	↗	↓
▶ npm ci	20s	↗	↓
▶ Restore .env files	0s	↗	↓
▶ Sign Docker into AWS ECR	0s	↗	↓
▶ Push it to ECR	10s	↗	↓
▼ Deploy	6m 47s	↗	↓

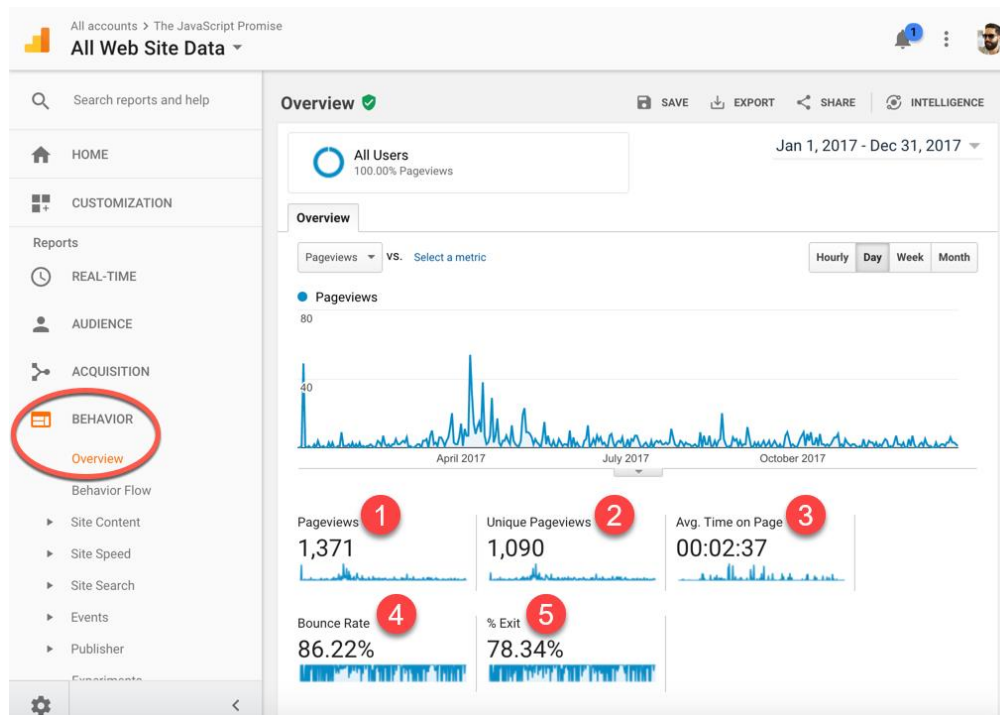
```
#!/bin/bash -eo pipefail
npm run aws:deploy

> lemon-mart@9.0.0 aws:deploy /home/circleci/repo
> cross-conf-env docker run --env-file ./env silintl/ecs-deploy -c $npm_package_config_awsEcsCl

Unable to find image 'silintl/ecs-deploy:latest' locally
latest: Pulling from silintl/ecs-deploy

36221ed0: Pulling fs layer
57959566: Pulling fs layer
cce446bc: Pulling fs layer
ed8398f6: Pulling fs layer
Digest: sha256:378c5dadd3eed960dff719627a2b501ac1a9d34230c9d959fde20aceb5e00305
Status: Downloaded newer image for silintl/ecs-deploy:latest
Using image name: *****/lemon-mart:latest
Current task definition: arn:aws:ecs:*****:*****:task-definition/lemon-mart-task:9
New task definition: arn:aws:ecs:*****:*****:task-definition/lemon-mart-task:10
Service updated successfully, new task definition running.
Waiting for service deployment to complete...
Service deployment successful.
CircleCI received exit code 0
```

Chapter 14: Google Analytics and Advanced Cloud Ops



- Home
- Customization
- REPORTS
- Realtime
- Audience
- Acquisition
- Behavior
 - Overview
 - Behavior Flow
 - Site Content
 - Site Speed
 - Site Search
 - Events
 - Overview
 - Top Events
 - Pages
 - Events Flow
- Attribution BETA
- Discover
- Admin

Events Overview

SAVE EXPORT SHARE INSIGHTS

All Users
100.00% Unique Events


Apr 28, 2018 - Apr 28, 2020

+ Add Segment

Overview





Total Events 1,662	Unique Events 573	Event Value 0
Avg. Value 0.00	Sessions with Event 287	Events / Session with Event 5.79

←  Google Tag Manager All accounts ▾

WORKSPACE VERSIONS ADMIN

Add a New Account

 **Setup Account** 

Account Name **LemonMart**

2 **Setup Container**

Container name

Where to Use Container

Web iOS Android

AMP

All accounts > LemonMart
LemonMart Web App

WORKSPACE **VERSIONS** ADMIN

Version 1 - Initial setup

Version Summary

Published 1/18/18 11:40 PM by duluca@gmail.com	Version Items 0 Tags	0 Triggers	0 Variables
Created 1/18/18 11:40 PM by duluca@gmail.com			
Description No description			

Version Changes

This container version has no changes

Activity History >

Analytics Doghan Uluca > LemonMart All Web Site Data

Try searching for "audience overview"

ADMIN USER

Property **Create Property** 1

LemonMart

- 2 Property Settings
- Property User Management
- Tracking Info
 - 3 Tracking Code
 - Data Collection
 - Data Retention
 - User ID
 - Session Settings
 - Organic Search Sources
 - Referral Exclusion List
 - Search Term Exclusion List
- Del Data Deletion Requests

PRODUCT LINKING

- Google Ads Linking
- AdSense Linking

Tracking ID 4

UA-112695360-1

Status
 Receiving traffic in past 48 hours.
 1 active users right now. See details in [real-time traffic reports](#).
[Send test traffic](#)

Website Tracking

Global Site Tag (gtag.js) 5

This is the Global Site Tag (gtag.js) tracking code for this property. Copy and paste this code as the first line of code on your page. If you already have a Global Site Tag on your page, simply add the **config** line from the snippet below to track if

```

<!-- Global site tag (gtag.js) - Google Analytics -->
<script async src="https://www.google-analytics.com/gtag/js?id=UA-112695360-1"></script>
<script>
  window.dataLayer = window.dataLayer || [];
  function gtag(){dataLayer.push(arguments);}
  gtag('js', new Date());

  gtag('config', 'UA-112695360-1');
</script>

```

The Global Site Tag provides streamlined tagging across Google's site measurement, conversion tracking and remarketing. By using gtag.js, you will be able to benefit from the latest dynamic features and updates. For more information, see [Global Site Tag documentation](#).

© 2020 Google | [Analytics home](#) | [Terms of Service](#) | [Privacy Policy](#) | [Send feedback](#)

← × Google Analytics SAVE

WORK

Current

Default

🔍

📁

📁

📁

📁



📁

📁

📁

Tag Configuration


Tag type

 **Universal Analytics**
Google Analytics 

Track Type

Page View

Google Analytics Settings [?](#)


{{Tracking ID}} 

Enable overriding settings in this tag [?](#)

> Advanced Settings

Triggering

Firing Triggers

 **All Pages**
Page View

Version 2 - added ga id ⋮

Version Summary

Created	Version Items		
1/19/18 12:06 AM by dluca@gmail.com	1	0	1
Description	Tag	Triggers	Variable
No description			

All accounts > LemonMart
All Web Site Data

Search reports and help

HOME

CUSTOMIZATION

Reports

- REAL-TIME
- Overview**
- Locations
- Traffic Sources
- Content
- Events
- Conversions

AUDIENCE

ACQUISITION

BEHAVIOR

CONVERSIONS

Overview

Right now
2
active users on site

DESKTOP 100%

Pageviews

Per minute Per second

Top Referrals:

Source	Active Users
There is no data for this view.	

Top Social Traffic:

Source	Active Users
There is no data for this view.	

Top Keywords:

Keyword	Active Users
There is no data for this view.	

Top Active Pages:

Active Page	Active Users
1. /home	1 50.00%
2. /manager/home	1 50.00%

Top Locations:



Projects

A project contains all you need to conduct load tests: virtual users, scenarios, and bench reports. This page list all of your projects and allows you to create a new one.

Filter



+ Add project

Name *(allow 3 to 60 length)*

LemonMart

Description *(up to 300 characters)*

LemonMart load test
.....





Cancel






Save


DESIGN Save Saved at 1:40:28

POS User   **Create scenario**

No description

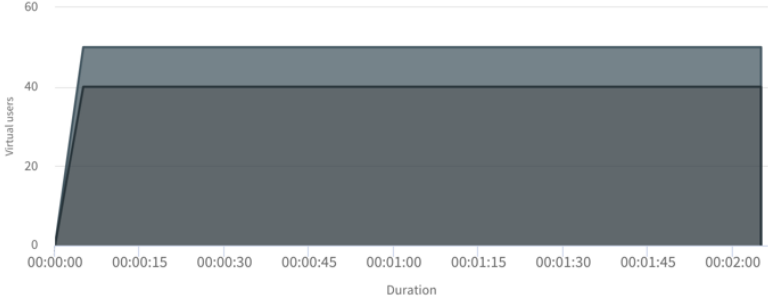
 GET	http://lemon-mart-alb-1871778644.us-east-1.elb.amazonaws.com:80/home
 GET	http://lemon-mart-alb-1871778644.us-east-1.elb.amazonaws.com:80/user/profile
 GET	http://lemon-mart-alb-1871778644.us-east-1.elb.amazonaws.com:80/pos



3P RUNTIME

User profile **OctoPerf**  **Evening Rush**

Virtual Users User Agents **Launch 50 VUs**

Configuration APM



 AS RECORDED	10	Manager
 AS RECORDED	40	POS User

Evening Rush

No description

Test running, 50s left

50 users 41.6 hits/sec

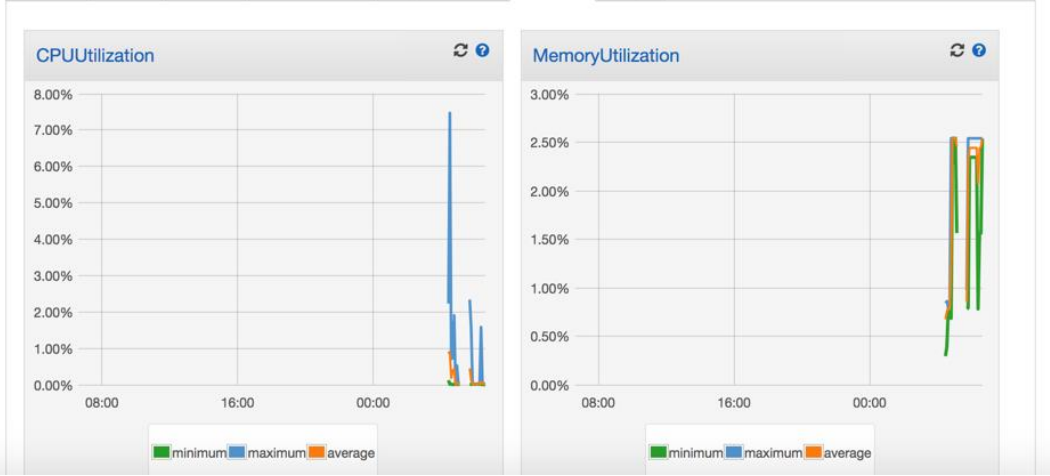
Clusters > fargate-cluster > Service: lemon-mart-service

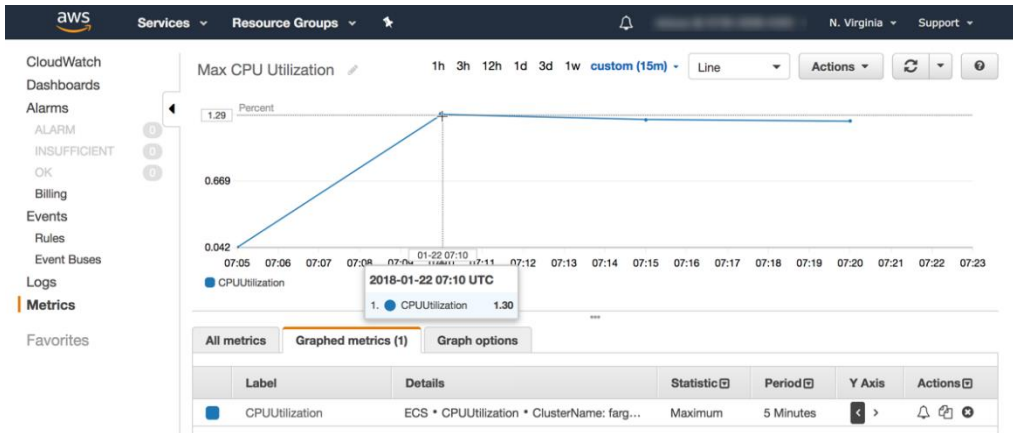
Service : lemon-mart-service

[Update](#) [Delete](#)

Cluster	fargate-cluster	Desired count	2
Status	ACTIVE	Pending count	0
Task definition	lemon-mart-task:5	Running count	2
Launch type	FARGATE		
Platform version	LATEST		
Service role	aws-service-role/ecs.amazonaws.com/AWSServiceRoleForECS		


[Details](#)
[Tasks](#)
[Events](#)
[Auto Scaling](#)
[Deployments](#)
[Metrics](#)
[Logs](#)






STATISTICS Statistics summary

<p>Hits count 29828 hits</p>	<p>Errors count 0 errors</p>
<p>Avg. respon... 0.005 sec</p>	<p>Latency sta... 0.023 sec</p>
<p>Received By... 107 KB/sec</p>	<p>Apdex on... 1 Apdex score</p>

←  All accounts > LemonMart
LemonMart Web App ▾

WORKSPACE VERSIONS ADMIN

Current Workspace Triggers

Default Workspace > 

NEW

Search

Overview

Tags

Triggers

Variables

Folders

Name ↑

Checkout Completed

Checkout Initiated

Checkout SAVE

Trigger Configuration

Trigger type
Custom Event

Event name
checkoutCompleted Use regex matching

This trigger fires on
 All Custom Events Some Custom Events

This trigger fires on

All Custom Events Some Custom Events

Fire this trigger when an Event occurs and all of these conditions are true

Page Hostname contains lemonmart.com | - +

All accounts > LemonMart
LemonMart Web App

WORKSPACE VERSIONS ADMIN GTM-56D4F6K PREVIEW SUBMIT

Current Workspace
Default Workspace

Search

- Overview
- Tags**
- Triggers
- Variables
- Folders

Tags


NEW

Name ↑	Type	Firing Triggers	Last Edit...
Checkout Completed	Universal Analytics	Checkout Completed	a few seconds ago
Checkout Initiated	Universal Analytics	Checkout Initiated	4 minutes ago
Google Analytics	Universal Analytics	All Pages	24 minutes ago

[Terms of Service](#) · [Privacy Policy](#)

Tag Configuration

Tag type

 **Universal Analytics**
Google Analytics

Track Type
Event

Category
Checkout

Action
checkoutinitiated


Label
Checkout Initiated

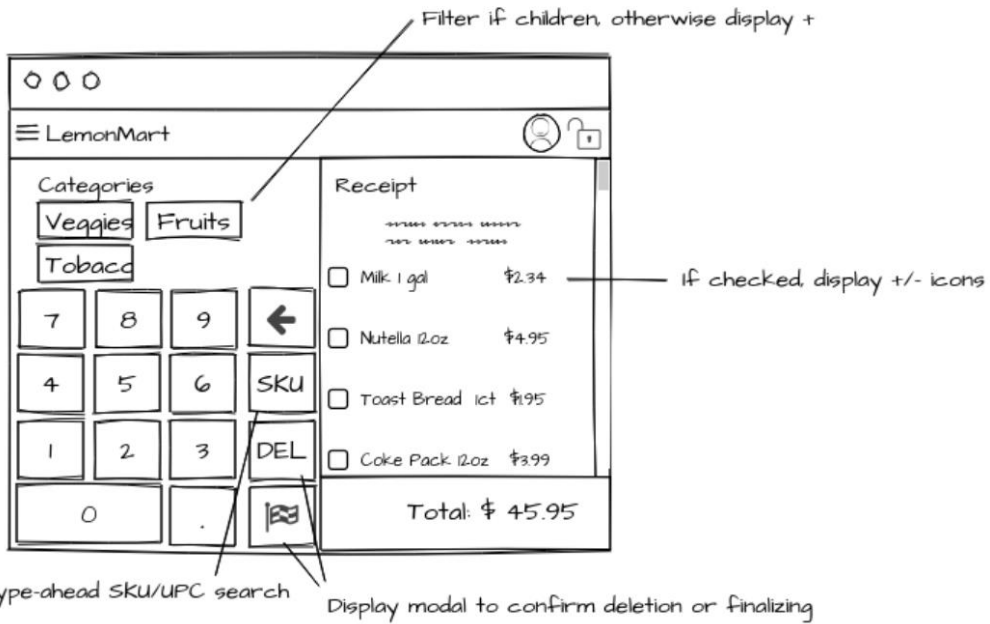
Non-Interaction Hit
True

Google Analytics Settings [?](#)
{{Tracking ID}} ⓘ

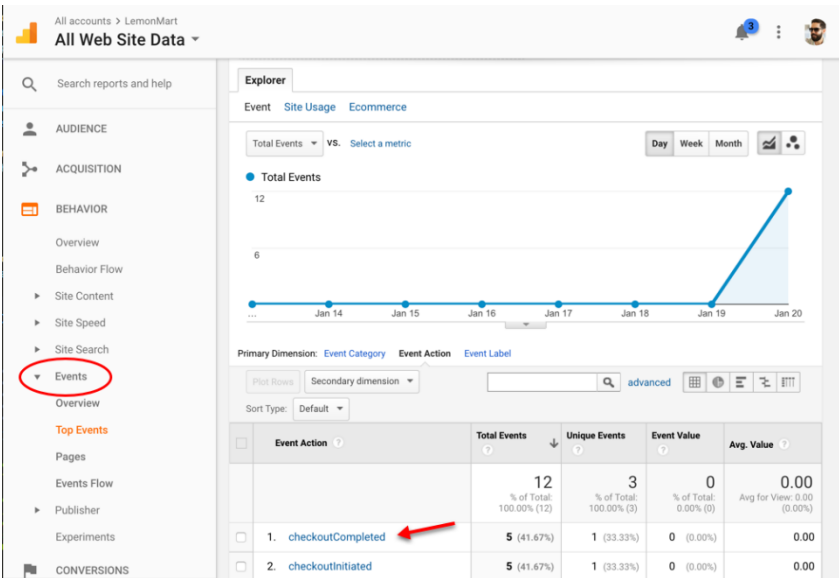
Triggering

Firing Triggers

 **Checkout Initiated**
Custom Event



🛒 Checkout Customer ←










Angulartics 2

Omnichannel Analytics for Angular

[Get Started](#)

Providers

 Adobe Analytics	 Amplitude	
Adobe Analytics > Analytics	Amplitude > Analytics	Azure Application In... > Analytics
	 CLICKY	facebook Pixel
Baidu > Analytics	Clicky > Analytics	Facebook Pixel > Advertising

Appendix A: Debugging Angular

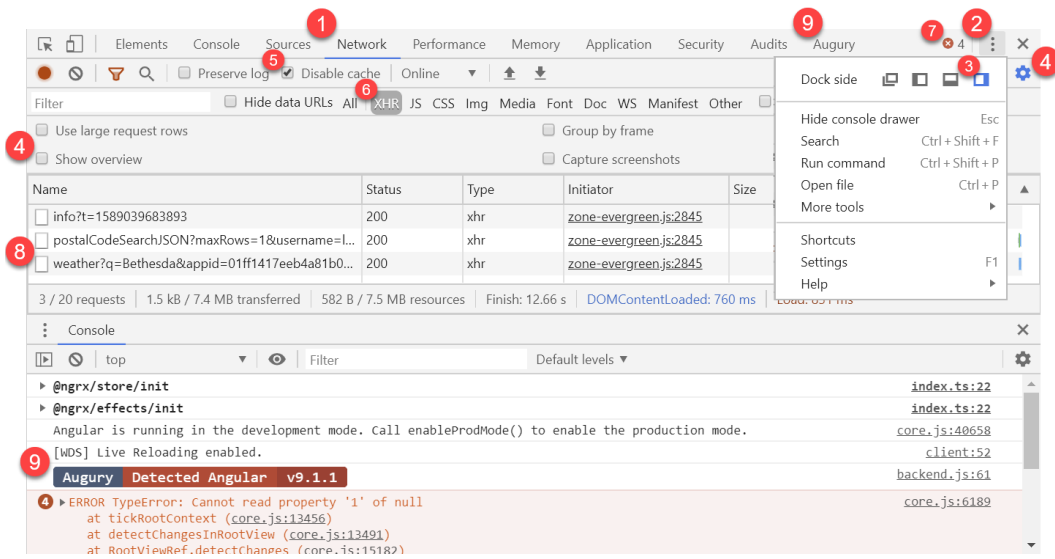
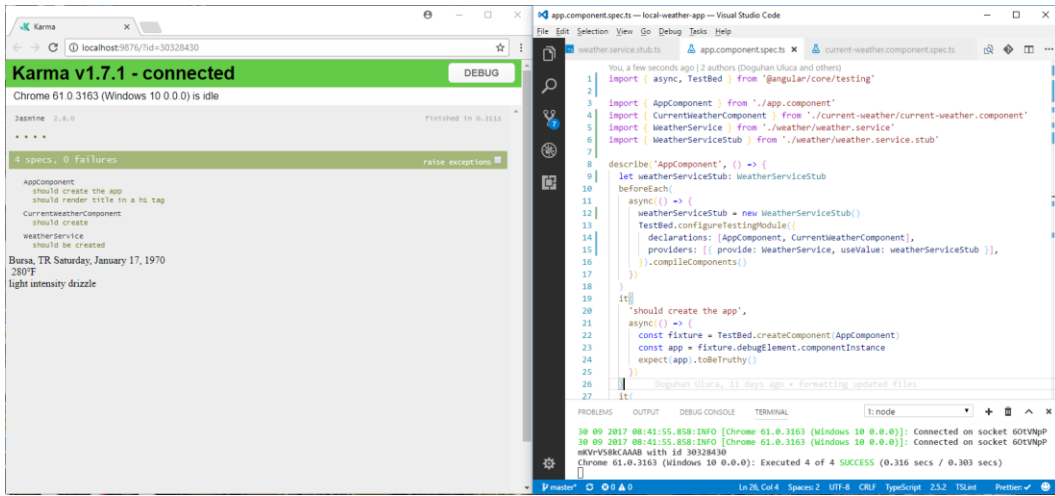
LocalCast Weather

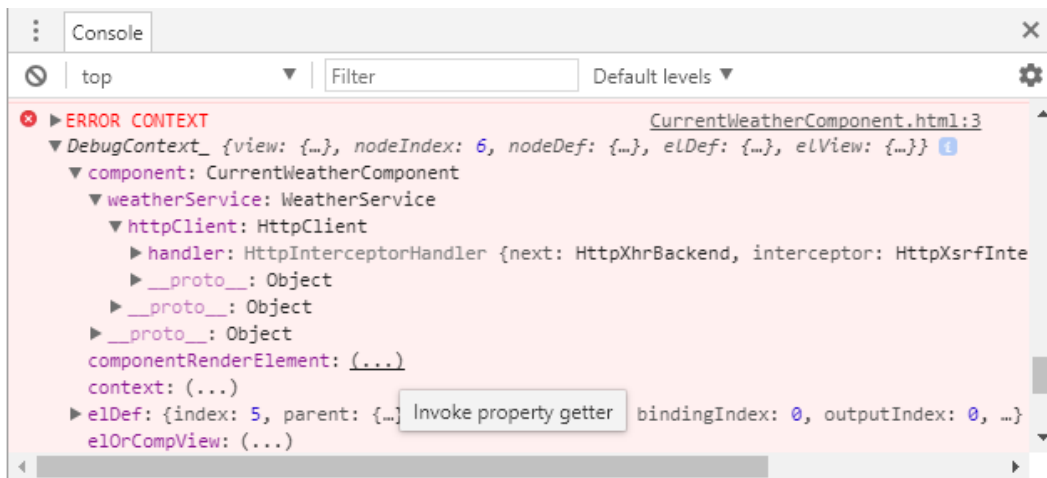
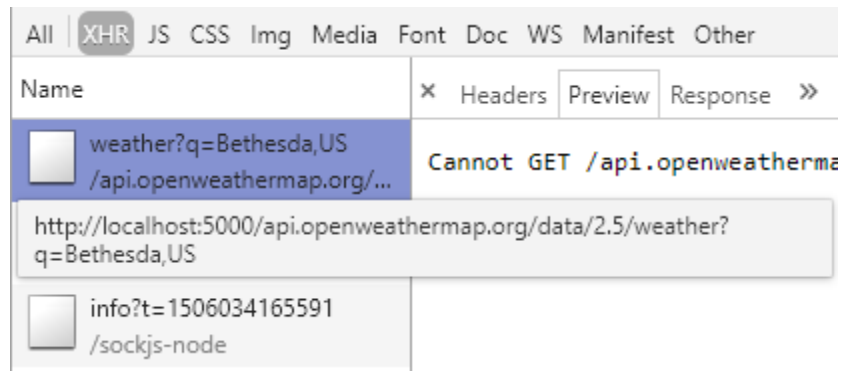
Your city, your forecast, right now!

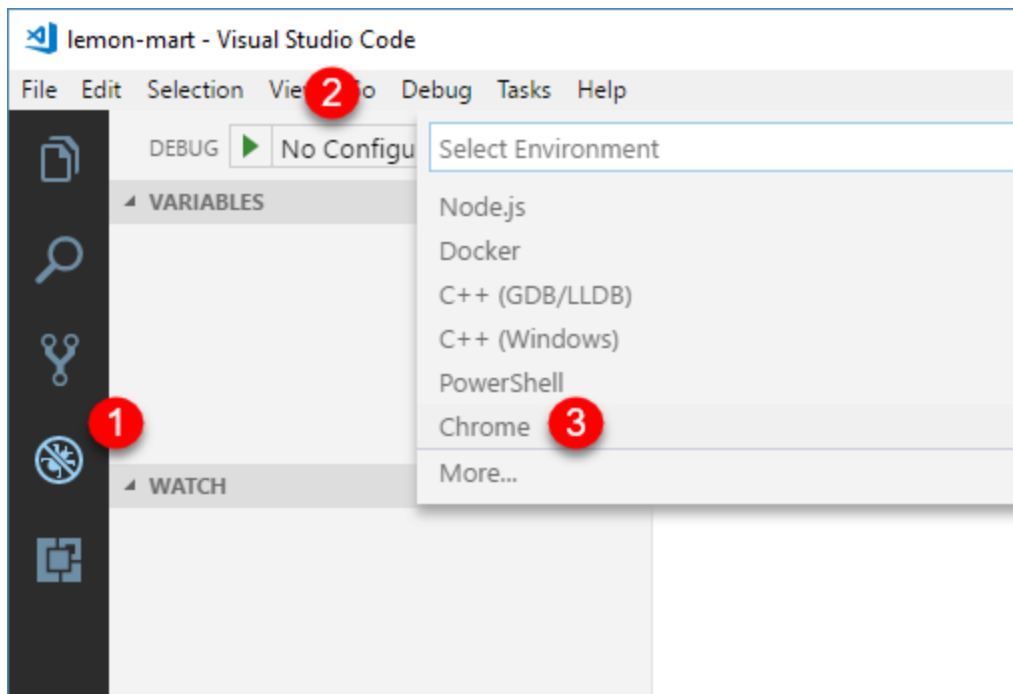
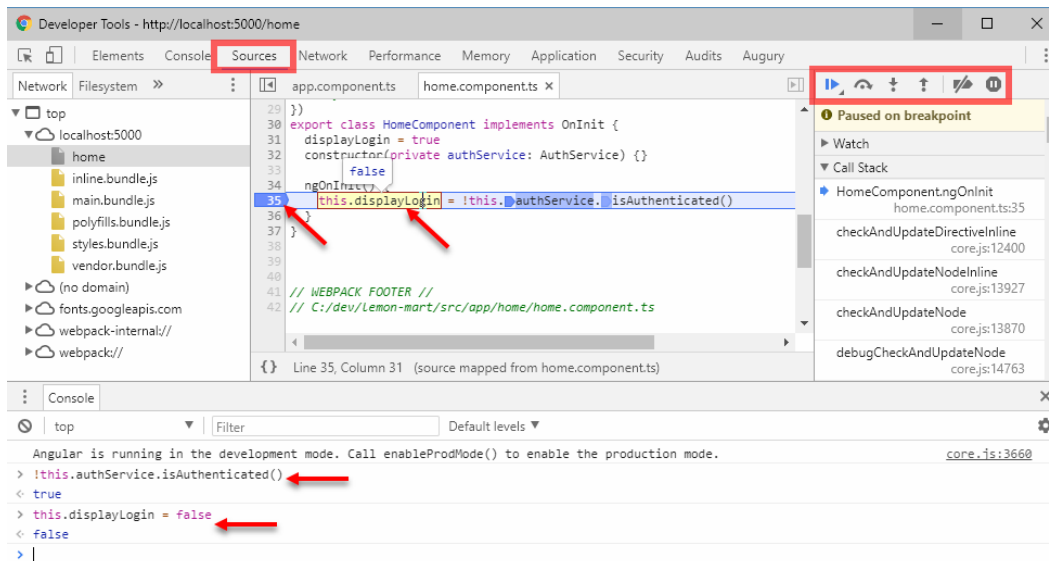
Current Weather

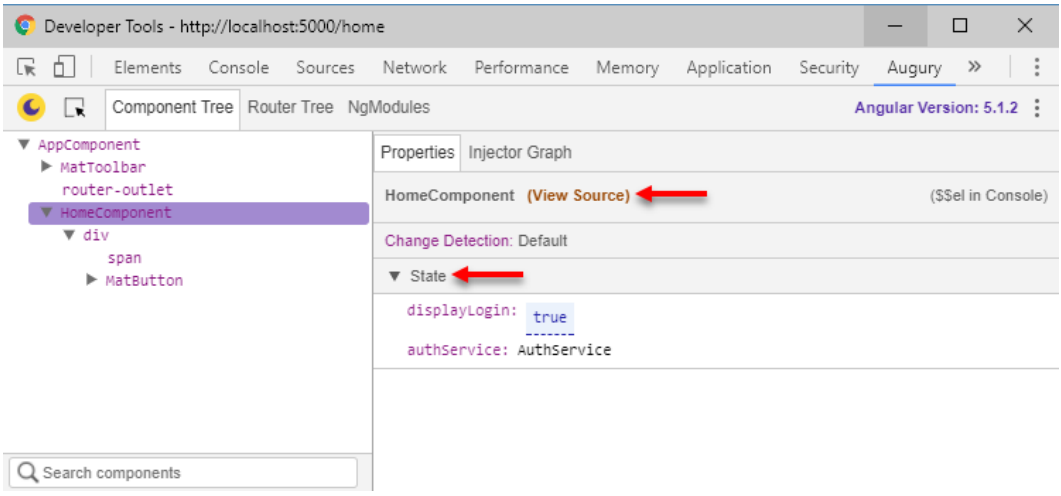
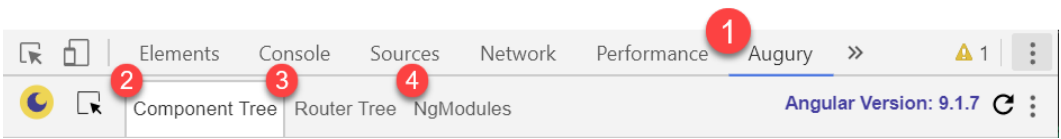
The screenshot displays the Visual Studio Code editor with a web browser window open to localhost:5000. The browser shows the 'LocalCast Weather' application with the text 'Your city, your forecast, right now!' and 'Current Weather'. The developer tools are open, showing the 'Network' tab with a list of requests. A red circle highlights the 'XHR' icon in the top right of the developer tools. The 'Console' tab shows a stack trace for an error in 'CurrentWeatherComponent.html'. The 'Sources' tab shows the 'current-weather.component.ts' file with the following code:

```
12 | icon: string
13 | }
14 | main: {
15 |   temp: number
16 | }
17 | sys: {
18 |   country: string
19 | }
20 | dt: number
21 | name: string
22 | }
23 |
24 | @Injectable()
25 | export class WeatherService {
26 |   constructor(private httpClient: HttpClient) {}
27 |
28 | getCurrentWeather(city: string, country: string): Observable<CurrentWeather> {
29 |   return this.httpClient
30 |     .getCurrentWeatherData('api.openweathermap.org/data/2.5/weather?q=${city},${country}'
31 |     .map(data => this.transformToCurrentWeather(data))
32 |   )
33 | }
34 | private transformToCurrentWeather(data: ICurrentWeatherData): ICurrentWeather {
35 |   return {
36 |     city: data.name,
37 |     country: data.sys.country,
38 |     date: data.dt,
39 |     image: 'http://openweathermap.org/img/w/${data.weather.icon}.png',
40 |     temperature: data.main.temp,
41 |     description: data.weather.description,
42 |   }
43 | }
```



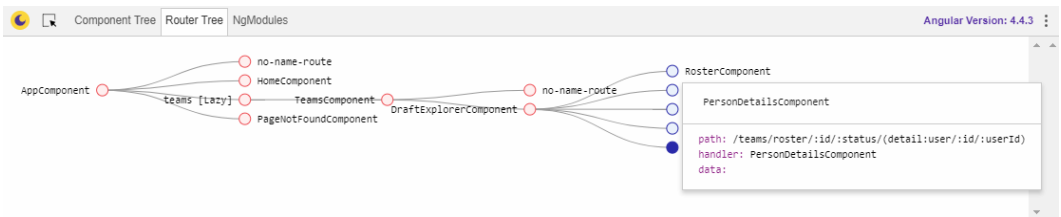
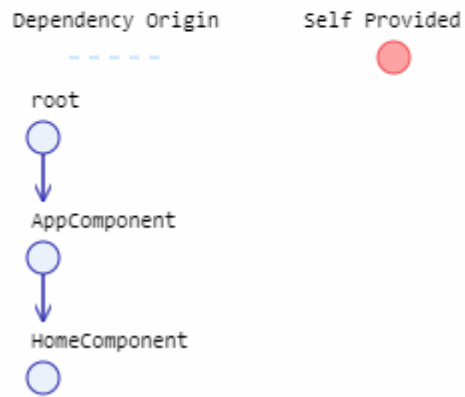




Component Hierarchy

AppComponent » HomeComponent

Injector Graph



DevTools - localhost:5000/home

Elements Console Sources Network Performance Memory Application Security Audits Augury

Component Tree Router Tree NgModules

Show Angular Library Modules

AppModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
AppRoutingModule AppMaterialModule FlexLayoutModule FieldErrorModule NgxMaskModule AngularFireModule AngularFireAuthModule StoreRootModule EffectsRootModule EntityDataModule StoreDevtoolsModule	None	AuthService InjectionToken.HTTP_INTERCEPTORS MaskApplierService ActionsSubject ReducerManager ReducerObservable ReducerManagerDispatcher ScannedActionsSubject State StateObservable Store EffectsRunner EffectSources Actions DevtoolsExtension DevtoolsDispatcher	AppComponent HomeComponent PageNotFoundComponent LoginComponent NavigationMenuComponent SimpleDialogComponent

AppRoutingModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
None	None	RouterScroller RouterInitializer	None

AppMaterialModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
None	MatButtonModule MatToolbarModule MatIconModule MatCardModule MatFormFieldModule MatInputModule		

DevTools - localhost:5000/manager/users

Elements Console Sources Network Performance Memory Application Security Audits Augury

Component Tree Router Tree NgModules

ManagerModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
ManagerRoutingModule ManagerMaterialModule AppMaterialModule SharedComponentsModule FlexLayoutModule	None	AuthGuard UserService UserResolve	ManagerComponent ManagerHomeComponent UserManagementComponent ReceiptLookupComponent UserTableComponent

ManagerRoutingModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
None	None		None

ManagerMaterialModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
None	MatTableModule MatSortModule MatPaginatorModule MatProgressSpinnerModule MatSlideToggleModule	None	None

SharedComponentsModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
FlexLayoutModule AppMaterialModule FieldErrorModule	ViewUserComponent NameInputComponent	None	ViewUserComponent NameInputComponent

UserModule Show Angular Library APIs

Imports	Exports	Providers	Declarations
UserRoutingModule AppMaterialModule FlexLayoutModule UserMaterialModule	None	UserService UserEntityService	ProfileComponent

▶ @ngrx/store/init :5000/main.js:652

▶ @ngrx/effects/init :5000/main.js:652

Angular is running in the development mode. Call enableProdMode() to enable the production mode. :5000/vendor.js:84666

[WDS] Live Reloading enabled. :5000/vendor.js:145392

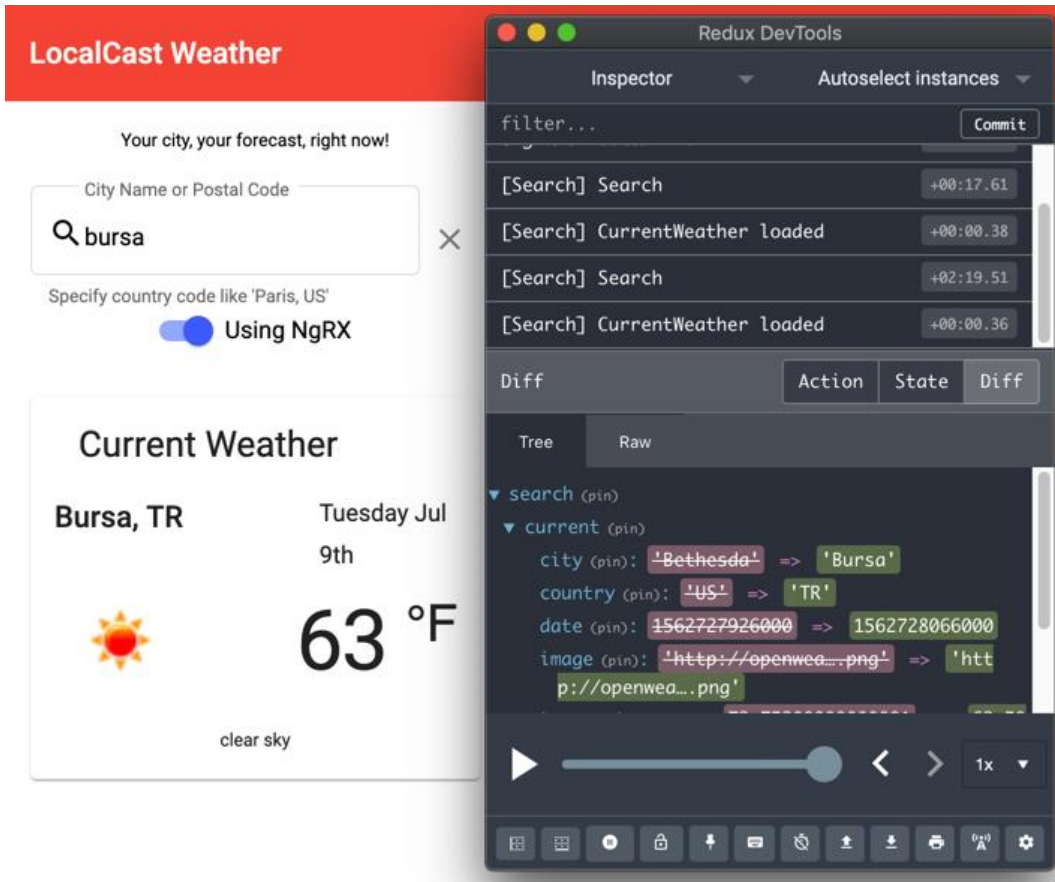
▶ [Search] Search :5000/main.js:652

▶ [Search] CurrentWeather loaded :5000/main.js:652

▶ [Search] Search :5000/main.js:652

▶ [Search] CurrentWeather loaded :5000/main.js:652

>



```

[WDS] Live Reloading enabled. client:52
b tap.js:40
bo tap.js:40
boi tap.js:40
bois tap.js:40
boise tap.js:40
>

Angular is running in the development mode. Call
enableProdMode() to enable the production mode. client:52
[WDS] Live Reloading enabled. client:52
bo tap.js:40
boise tap.js:40
> |

```


LocalCast Weather

Your city, your forecast, right now!

City Name or Postal Code

Type more than one character to search

Using BehaviorSubject

Current Weather

--, --

Thursday

May 7th

```
Elements Console Sources Network >>
top Filter Default levels
@ngrx/store/init index.ts:22
@ngrx/effects/init index.ts:22
Angular is running in the development mode. Call
enableProdMode() to enable the production mode. core.js:40658
[WDS] Live Reloading enabled. client:52
```

your city, your forecast, right now!

City Name or Postal Code

Specify country code like Paris, US

Using BehaviorSubject

Current Weather

Boise, US

Thursday

```
@ngrx/effects/init index.ts:22
Angular is running in the development mode. Call
enableProdMode() to enable the production mode. core.js:40658
[WDS] Live Reloading enabled. client:52
debounced: b city-search.component.ts:26
debounced: boise city-search.component.ts:26
debounced + filtered: boise city-search.component.ts:29
```

```
src
├── (index)
├── main.js
├── polyfills.js
├── runtime.js
├── styles.js
├── vendor.js
├── Augury
├── fonts.googleap
├── fonts.gstatic.co
├── ng://
├── webpack://
├── www.google-ar
├── www.googleat

4 import { debounceTime, filter, tap } from 'rxjs/operators'
5
6 import { SearchActions } from '../actions/search.action'
7 import * as search from '../reducers/search.reducer'
8 import { FormControl }
9
10 @Component({
11   selector: 'app-search',
12   templateUrl: './search.component.html',
13   styleUrls: ['./search.component.css']
14 })
15 export class SearchComponent {
16   useNgRx = true
17   search = new FormControl('')
18   valueChanges = new EventEmitter()
19   constructor() {
20     this._onChange = [f]
21     this._onCollectionChange = () => {}
22     this._onDisabledChange = [f]
23     this.pendingChange = false
24     .pipe(
25       debounceTime(2000),
26       filter(() => !this.search.invalid),
27       tap((searchValue: string) => this.doSearch(searchValue))
28     )
29     .subscribe()
30   }
31
32   doSearch(searchValue: string) {
33     const userInput = searchValue.split(',').map(s => s.trim())
34     const searchText = userInput[0]
35     const country = userInput.length > 1 ? userInput[1]
```