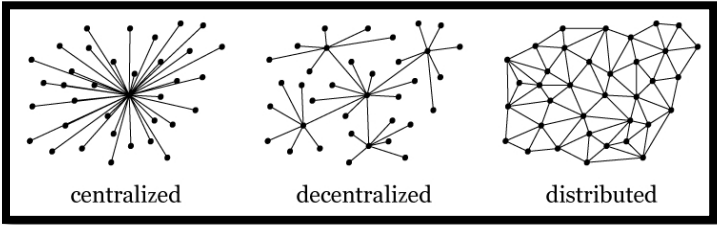
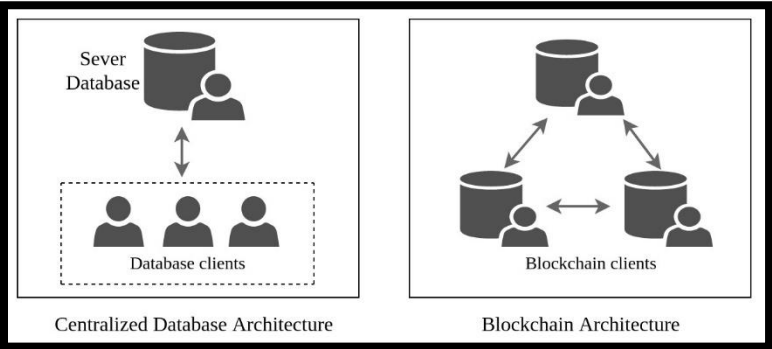
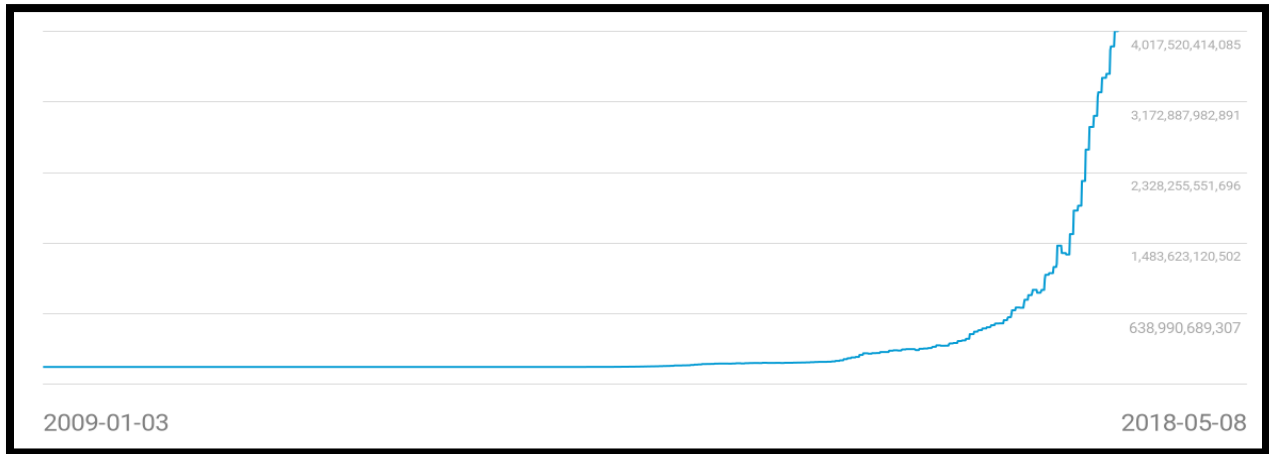
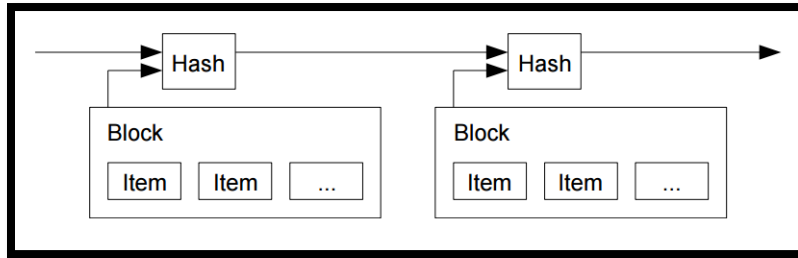
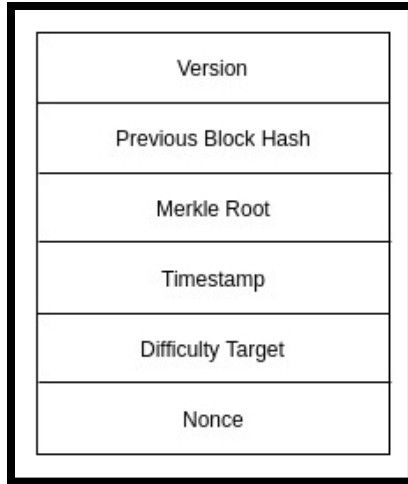


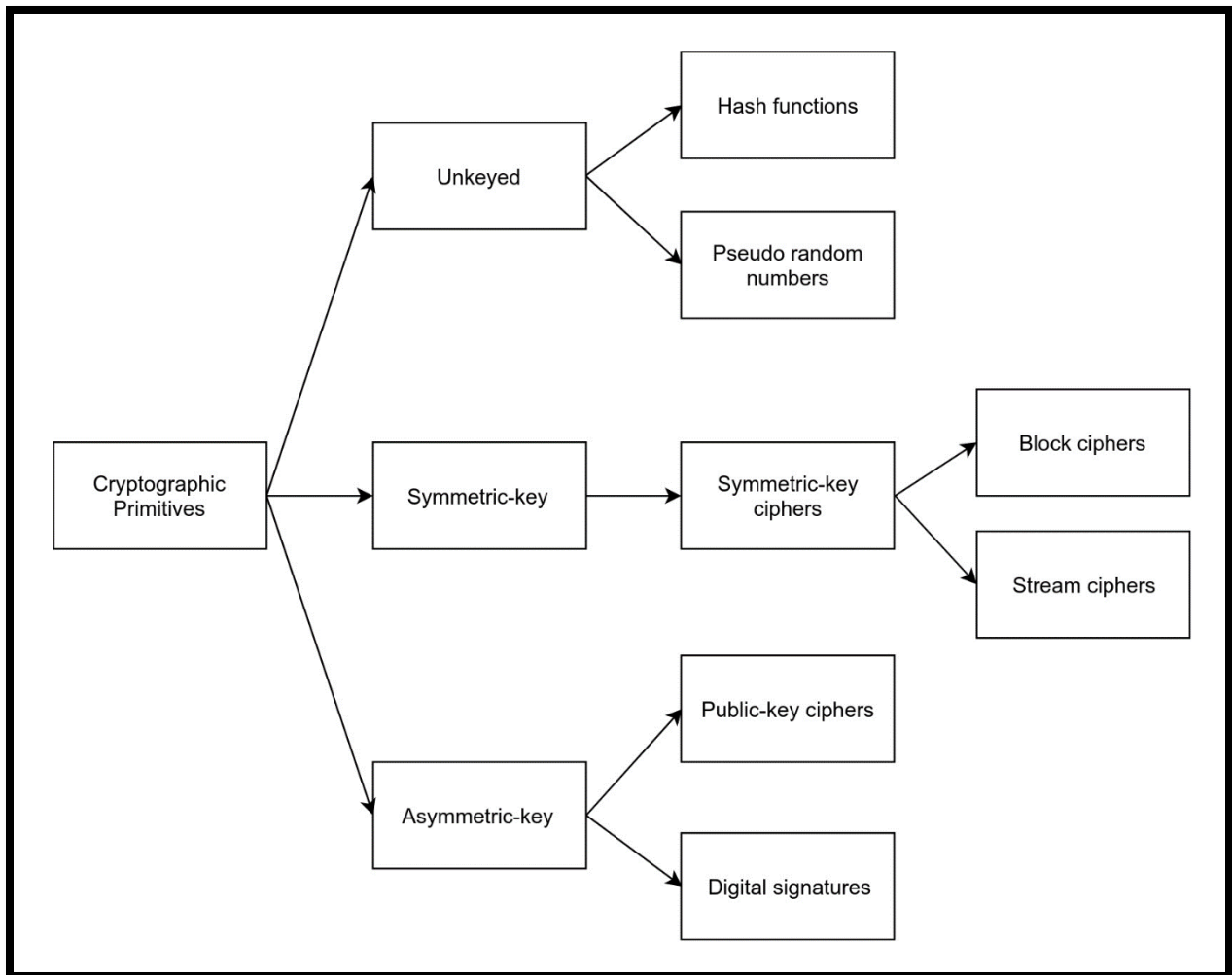
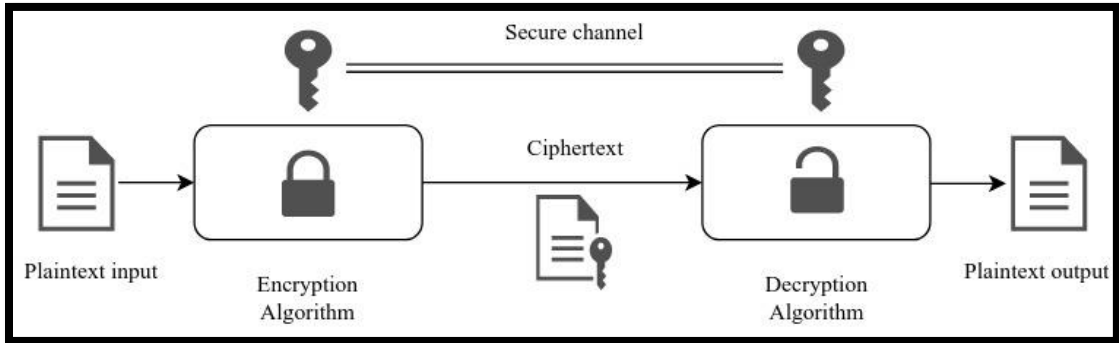
# Chapter 1: Introduction

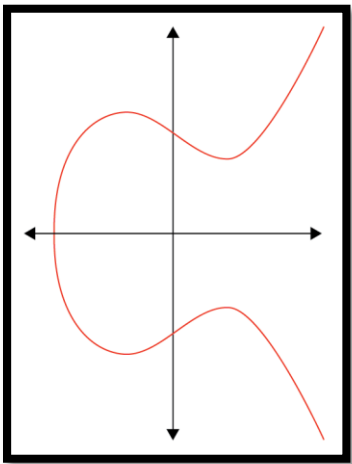
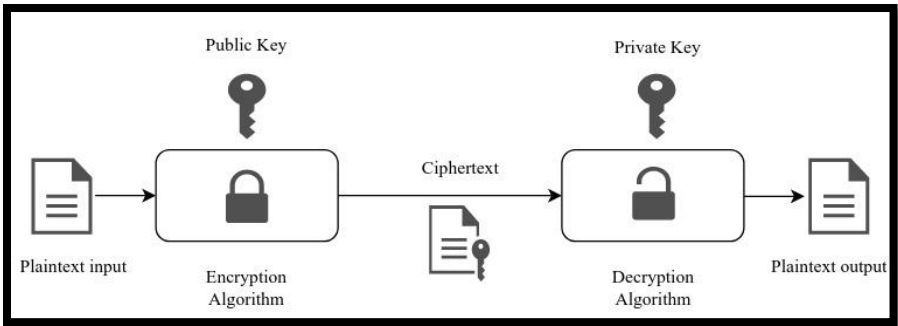
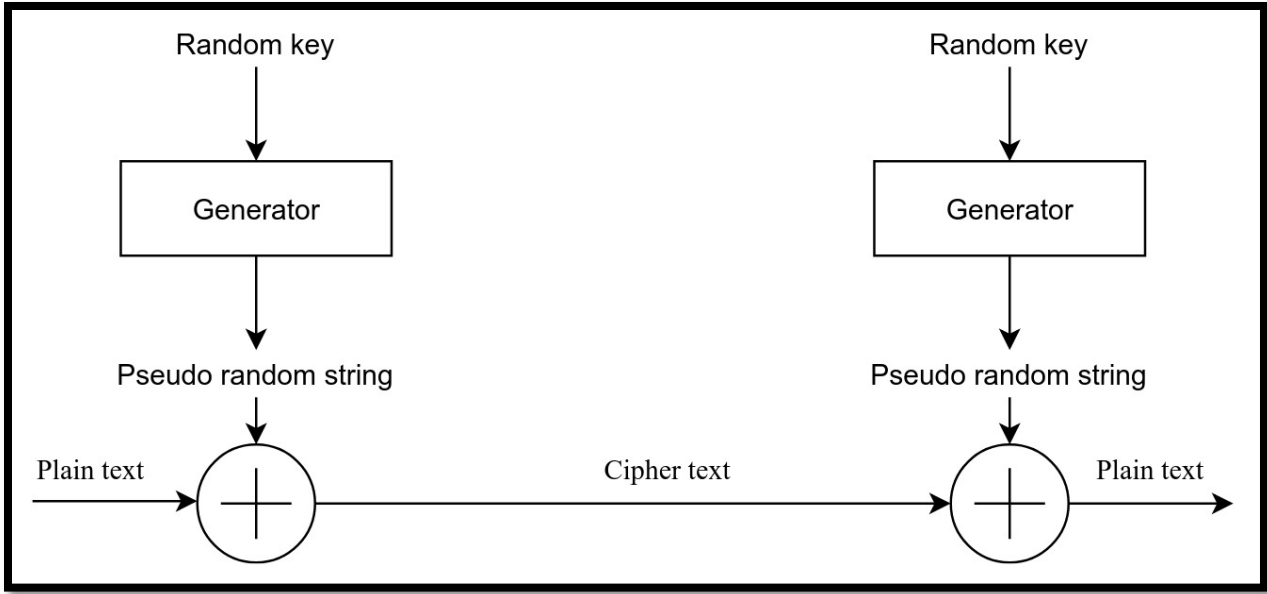


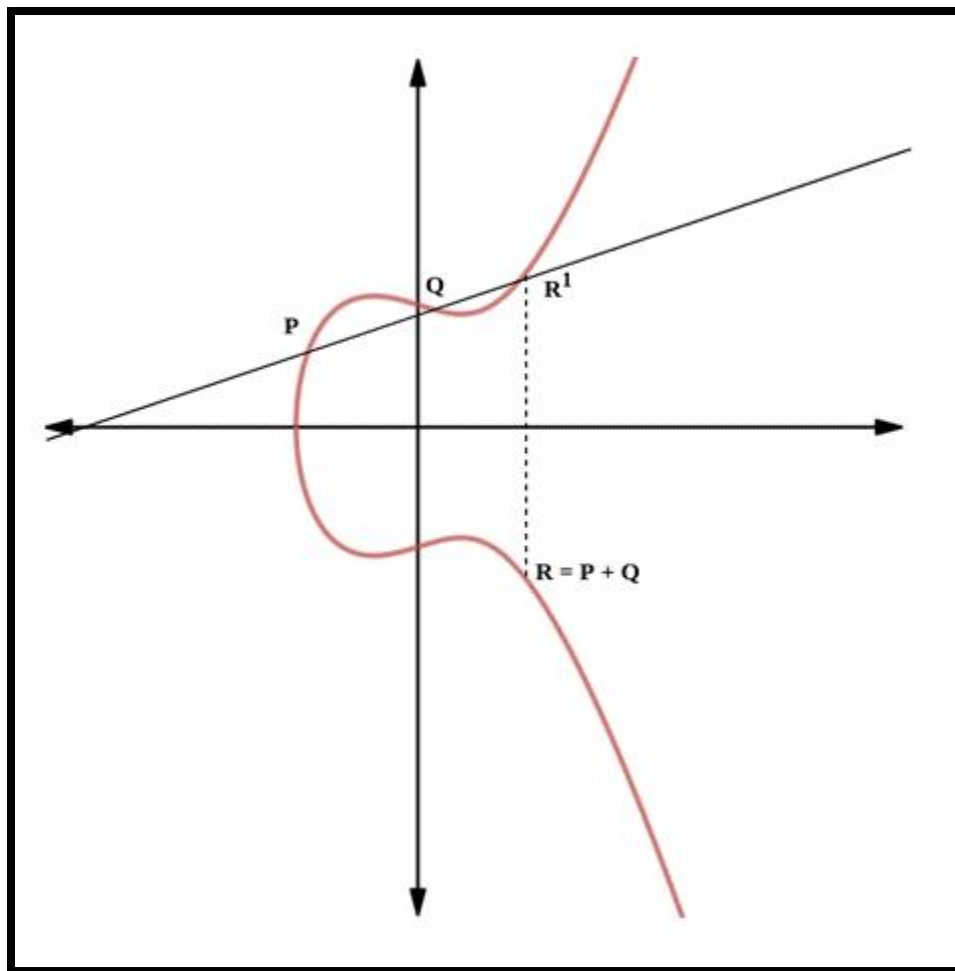
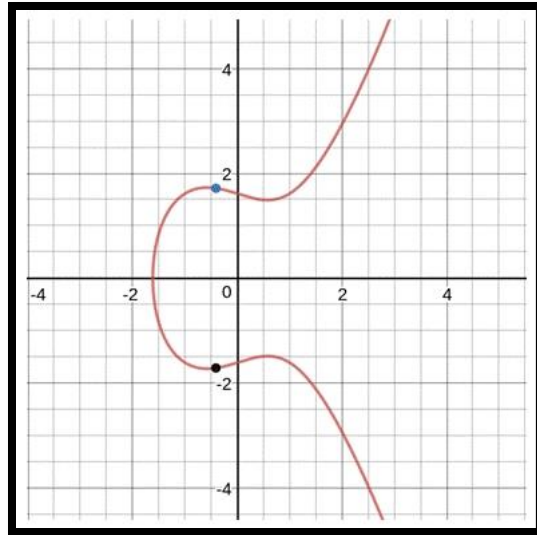
|                     |
|---------------------|
| Block Size          |
| Block Header        |
| Transaction Counter |
| Transactions        |

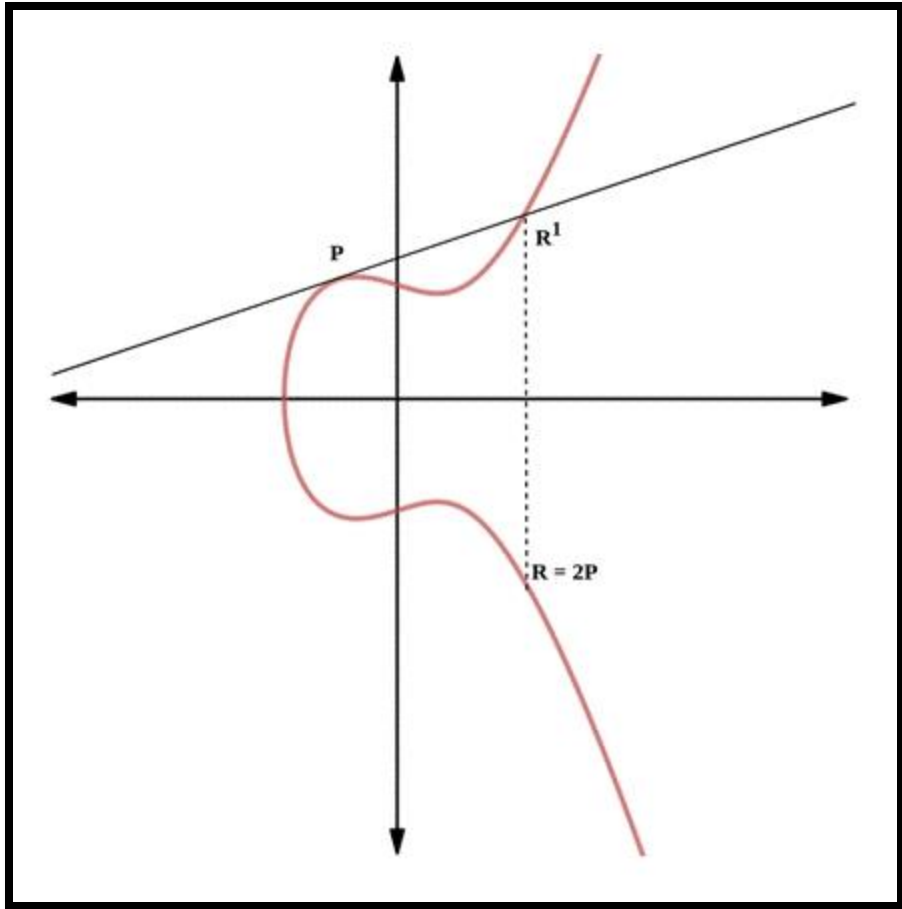


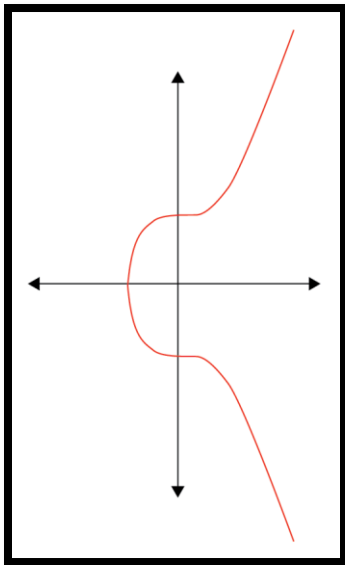
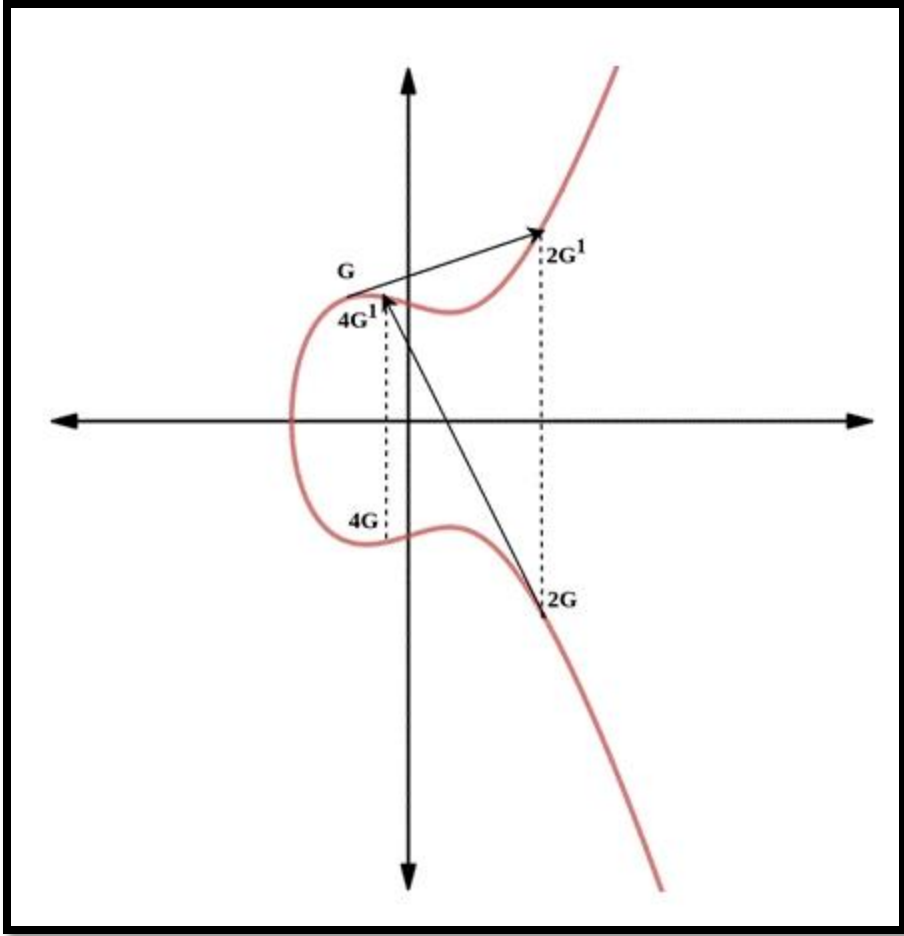
## Chapter 2: A Bit of Cryptography

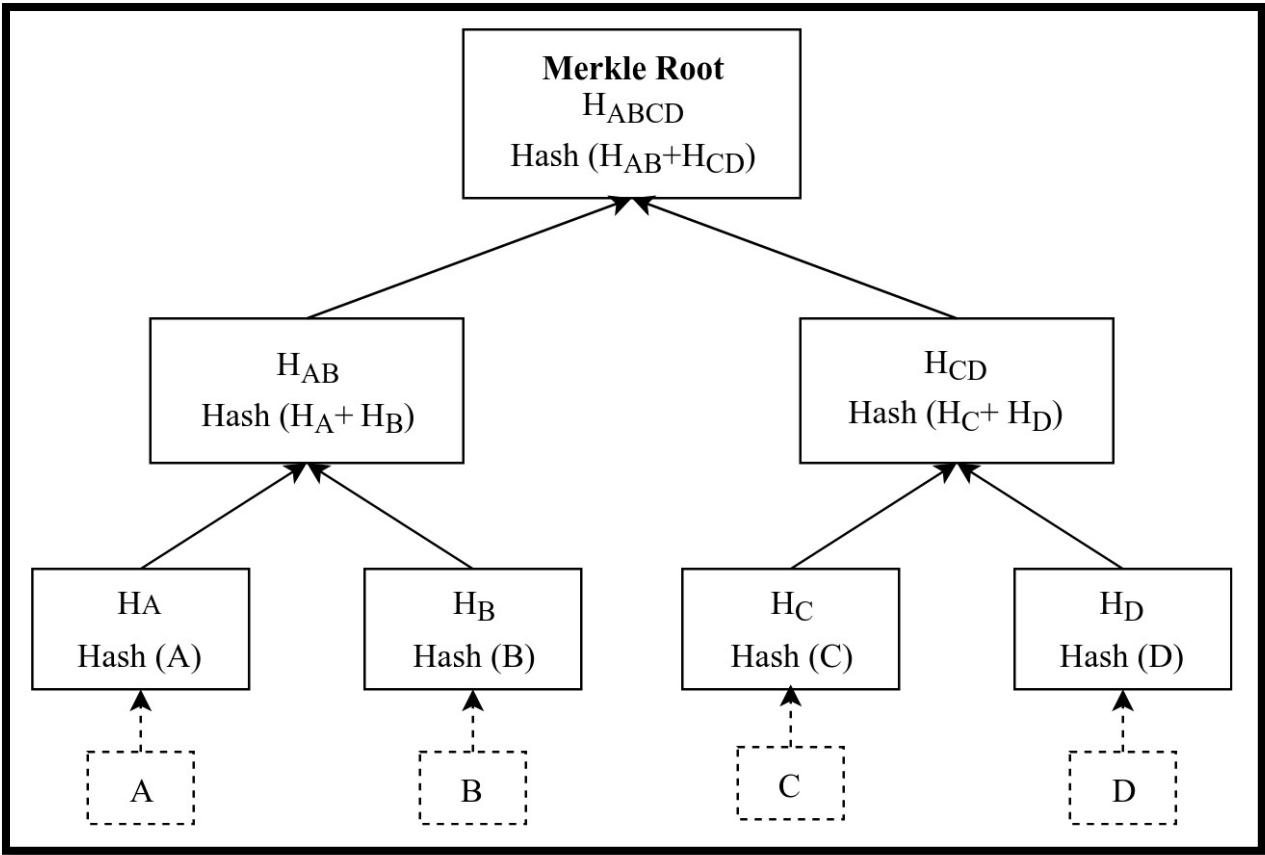
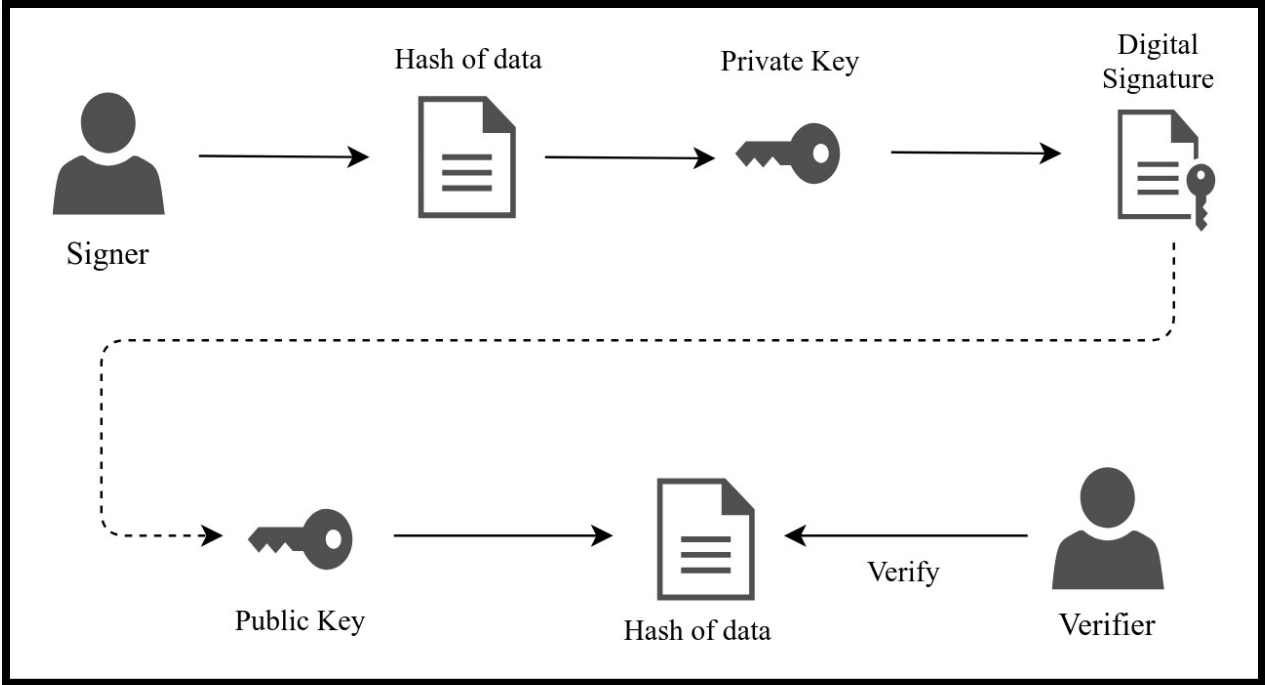






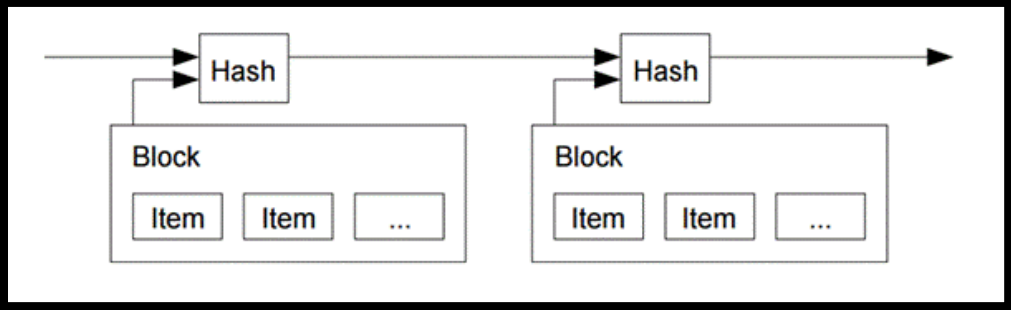


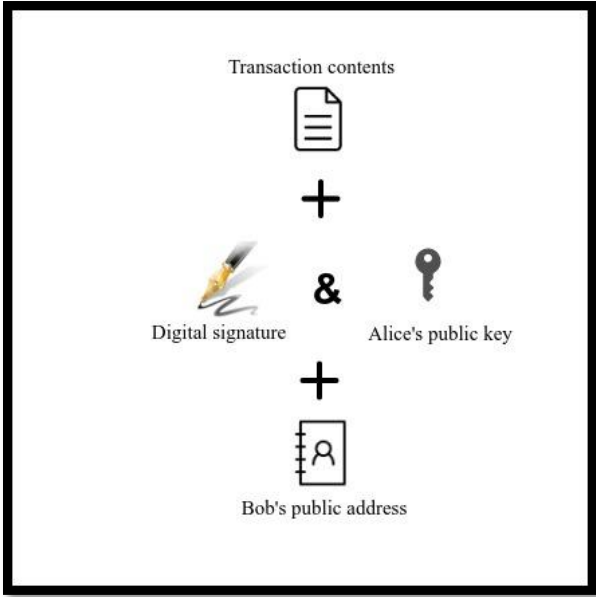
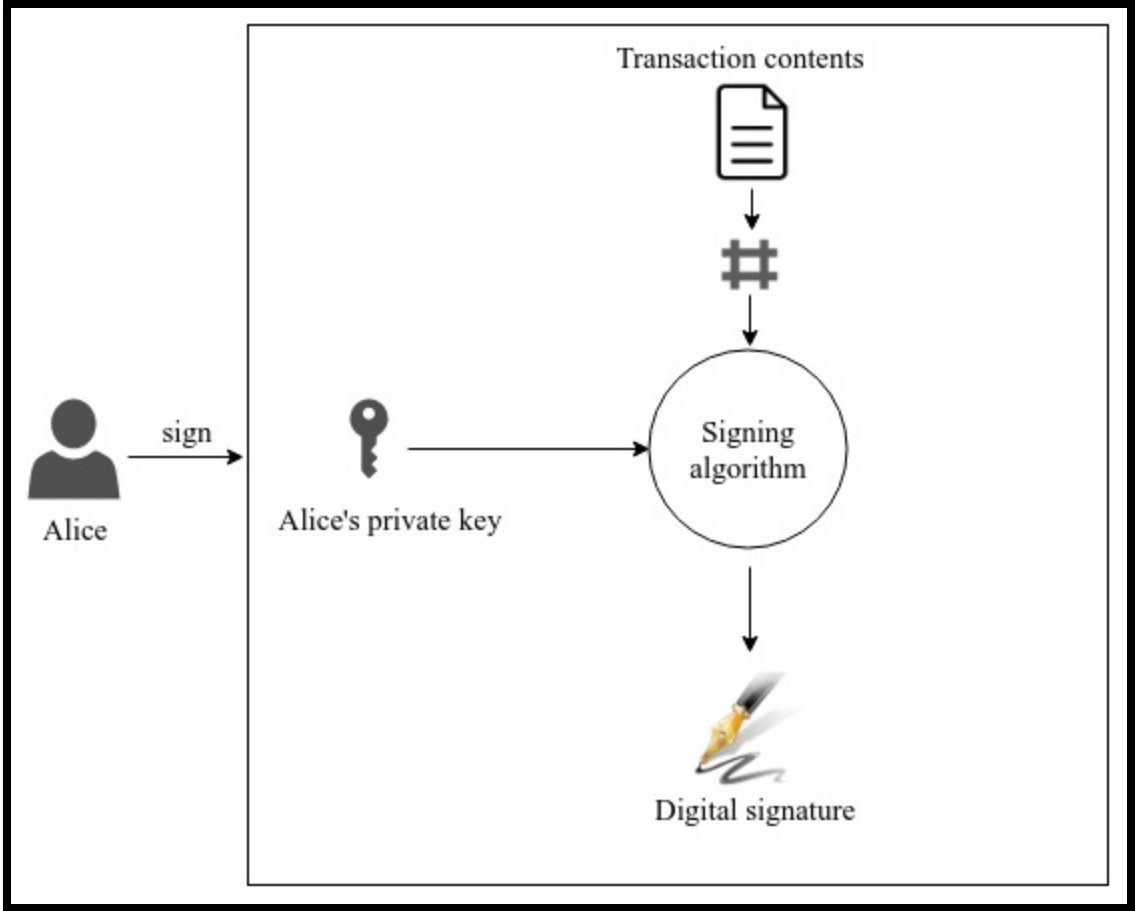


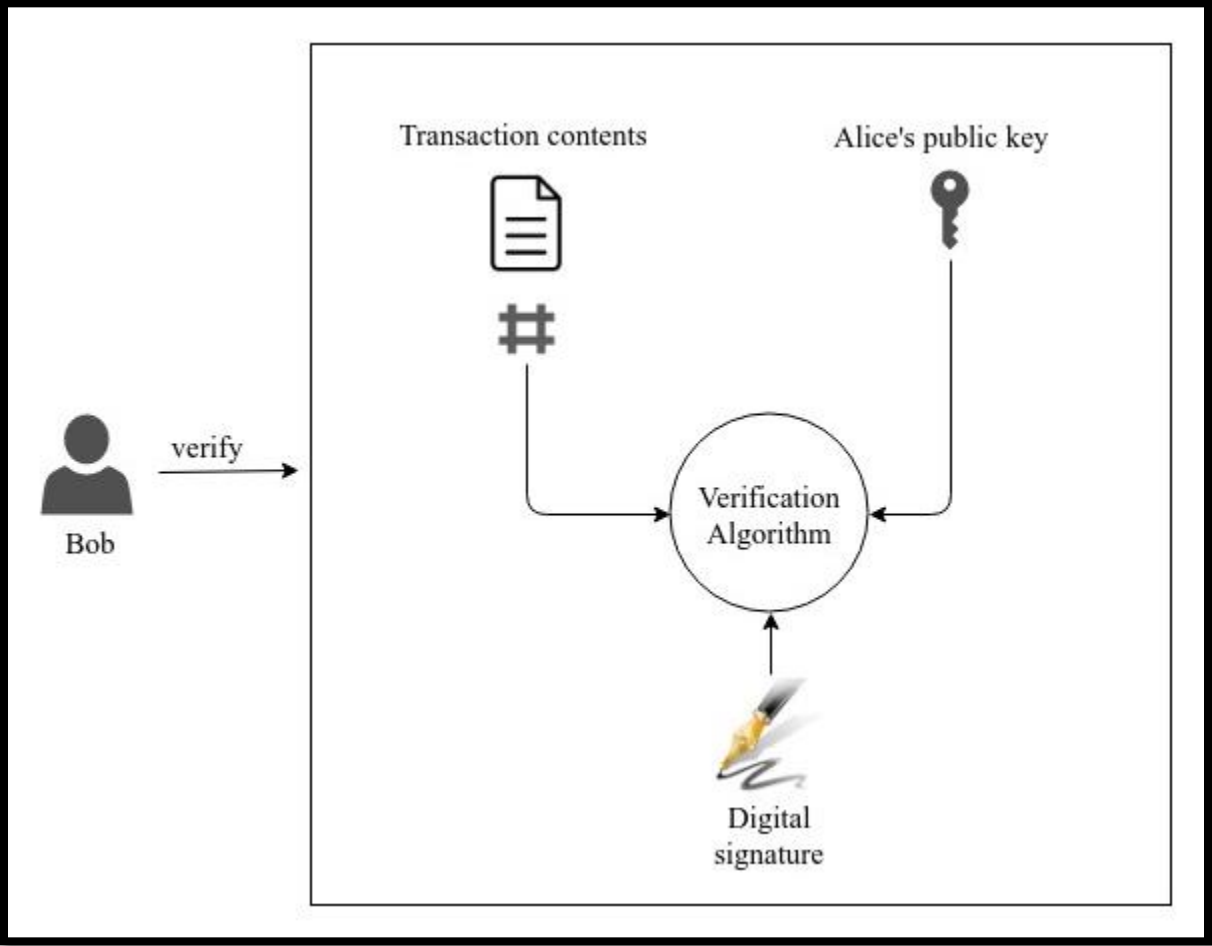




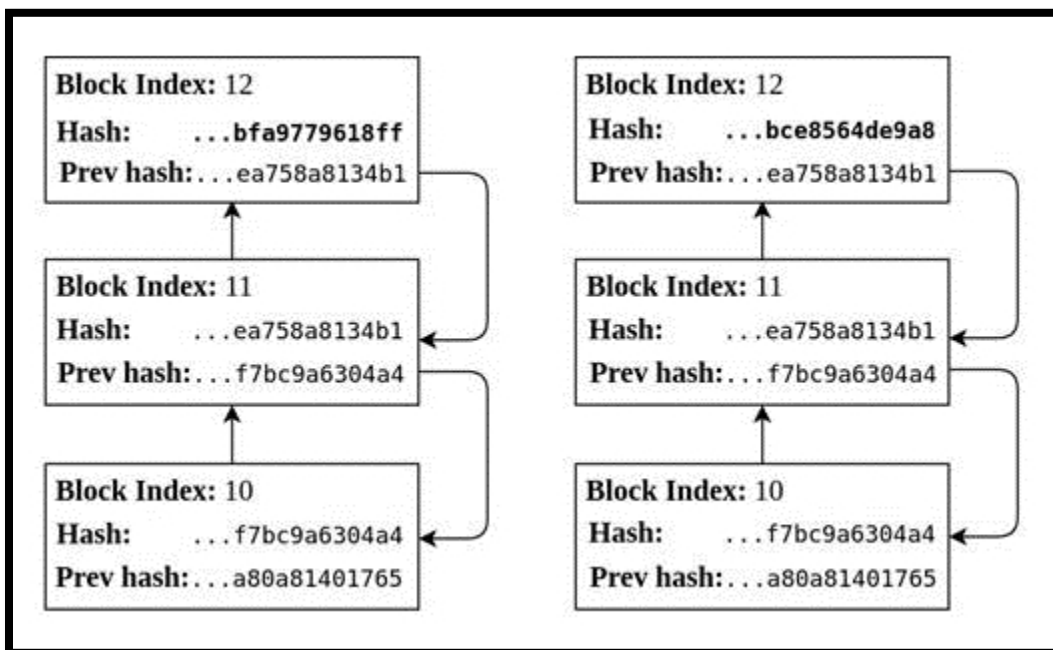
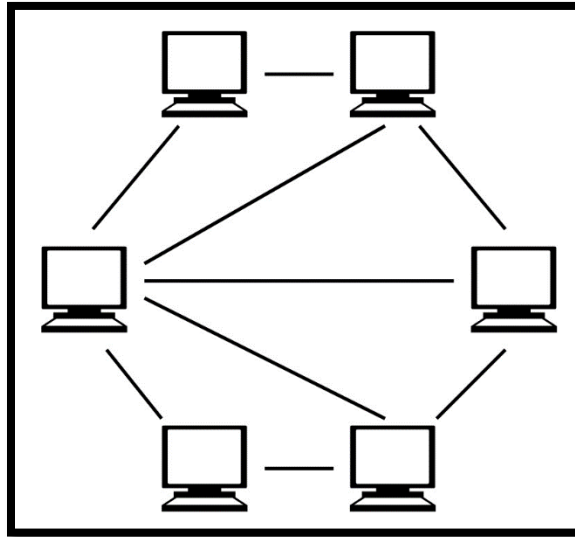
# Chapter 3: Cryptography in Blockchain

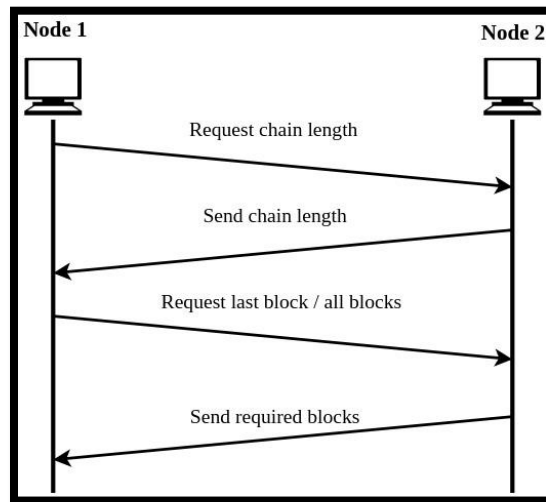
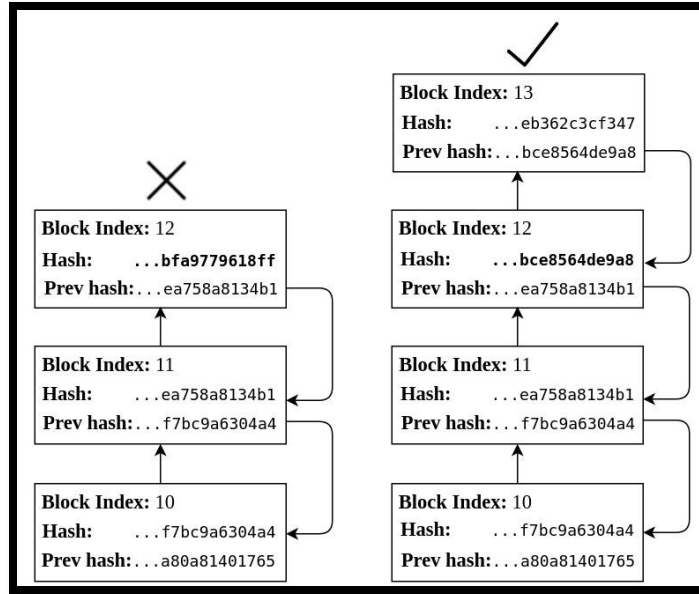


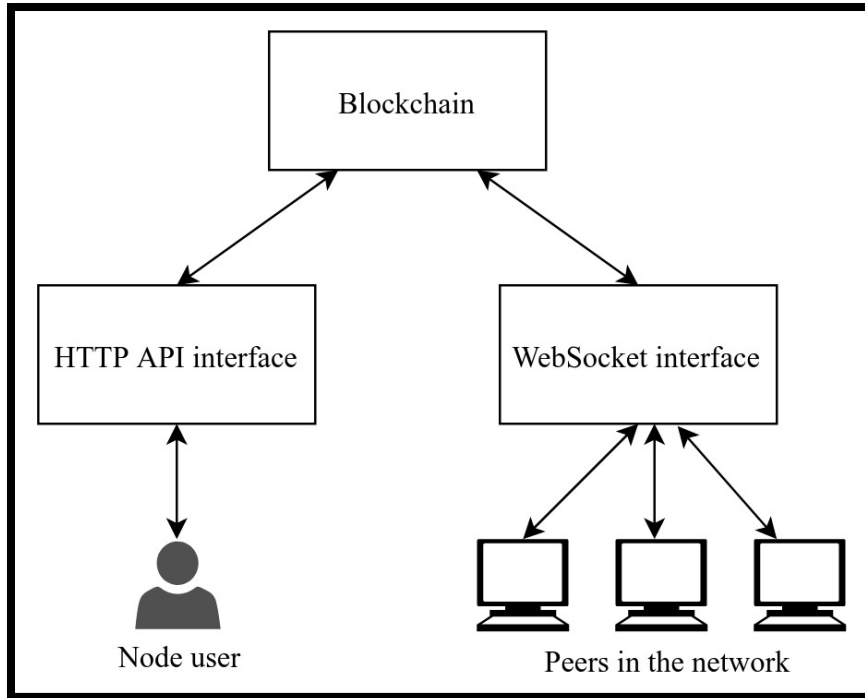
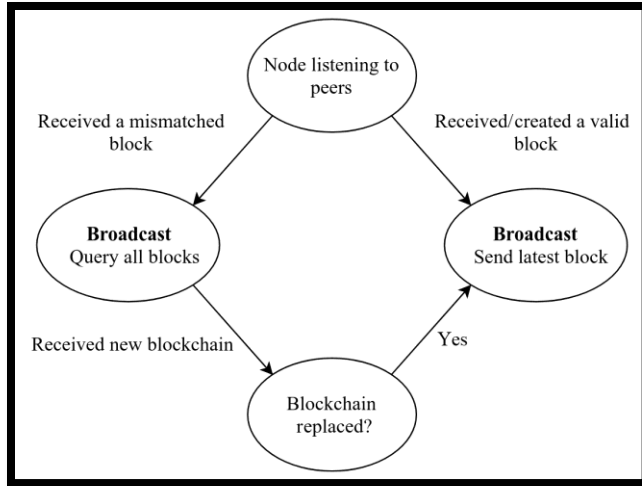




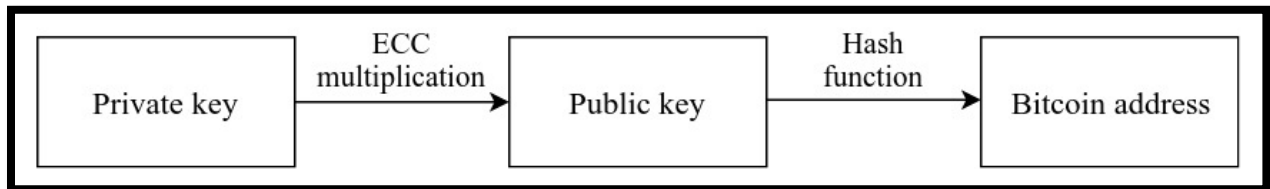
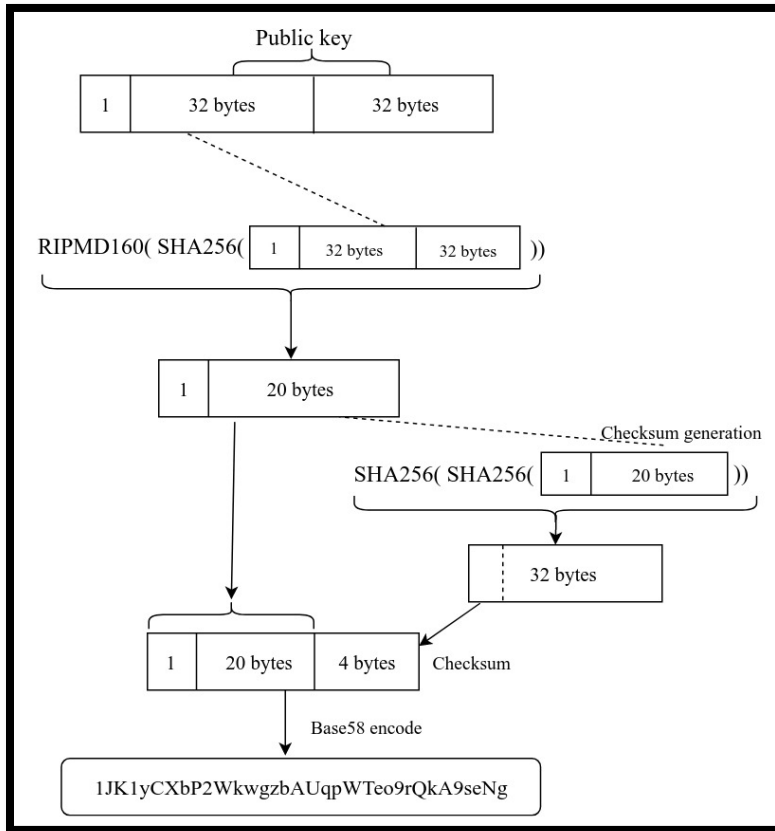
## Chapter 4: Networking in Blockchain







# Chapter 5: Cryptocurrency



# Transaction View information about a bitcoin transaction

4289bf1e7a4295e75cf#0644c44bd1c114511b7ec5407afea64de2d280bddb8

[mhqGzwr7SSjEeBTB5qb1MnodFSafUpJ8n](#) (0.325 BTC - Output)



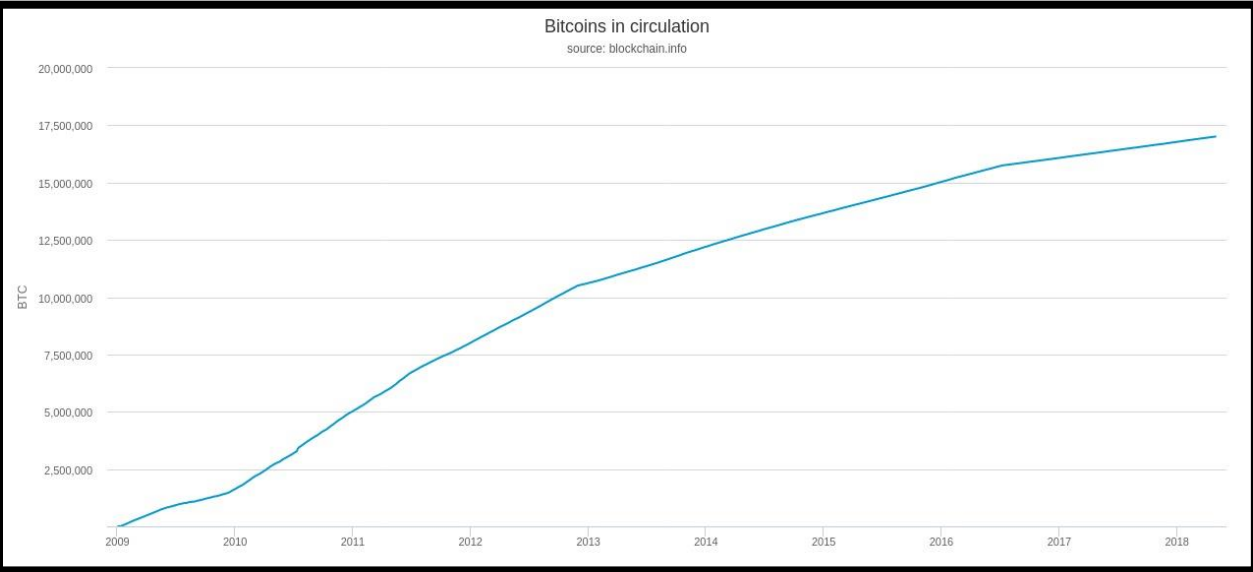
[mo1qeC6G2cLZqeBiSeLgKLZz1QcvsG9Mu3](#) - (Spent)  
[mqAL8eXgSE7tHGF9fdYhYnwMFW3nnNyH9z](#) - (Unspent)

0.1 BTC  
0.22480473 BTC

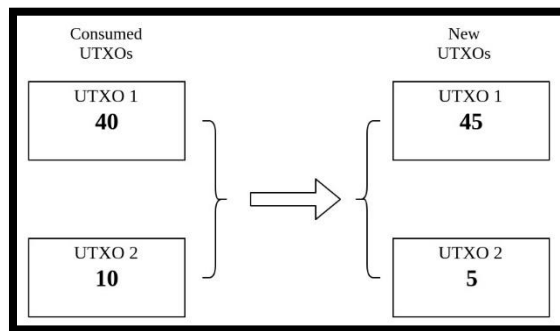
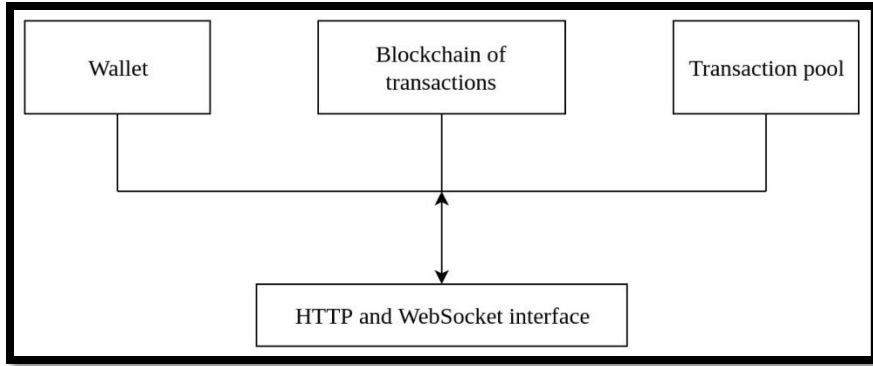
2 Confirmations

0.32480473 BTC

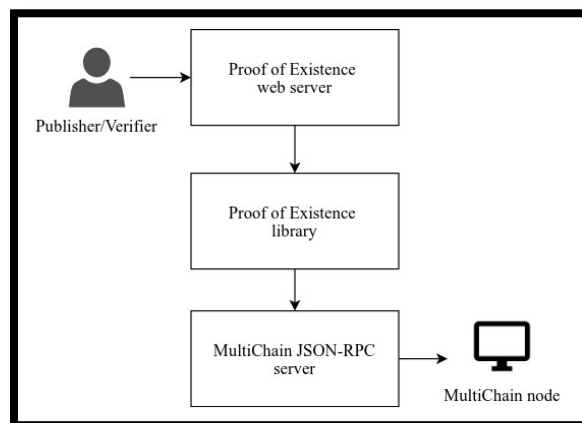
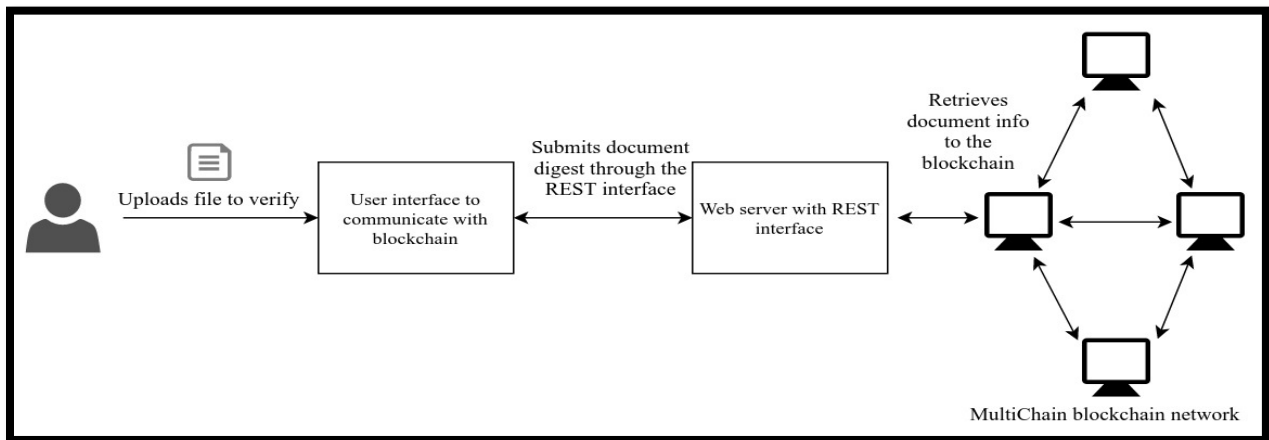
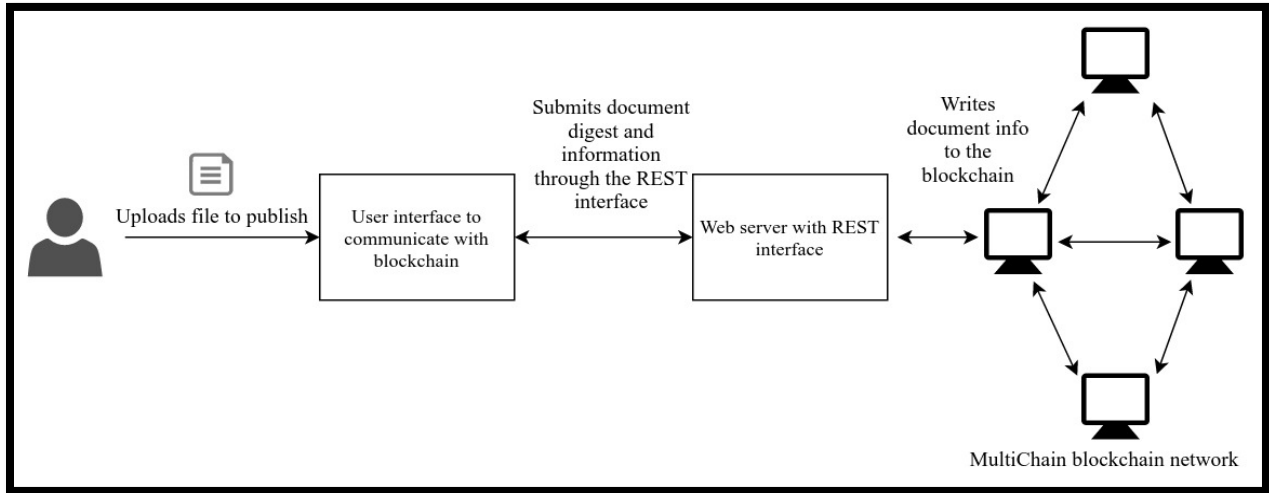
| Summary            |   | Inputs and Outputs       |                |
|--------------------|---|--------------------------|----------------|
| Size               | 225 (bytes)   | Total Input              | 0.325 BTC      |
| Weight             | 900   | Total Output             | 0.32480473 BTC |
| Received Time      | 2018-04-17 05:55:09   | Fees                     | 0.00019527 BTC |
| Lock Time          | Block: 1293233  | Fee per byte             | 86.787 sat/B   |
| Included In Blocks | <a href="#">1293234</a> ( 2018-04-17 06:04:21 + 9 minutes ) | Fee per weight unit      | 21.697 sat/WU  |
| Confirmations      | 2 Confirmations   | Estimated BTC Transacted | 0.1 BTC        |



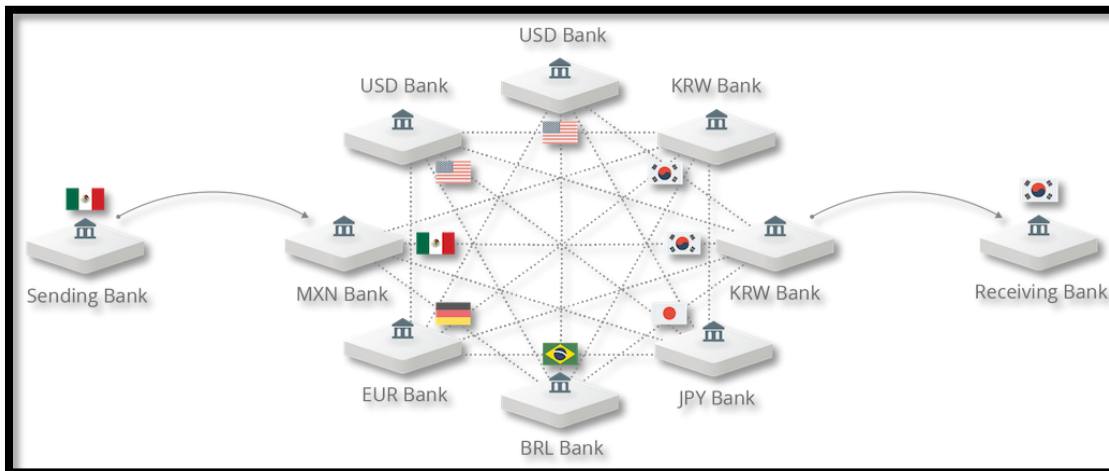
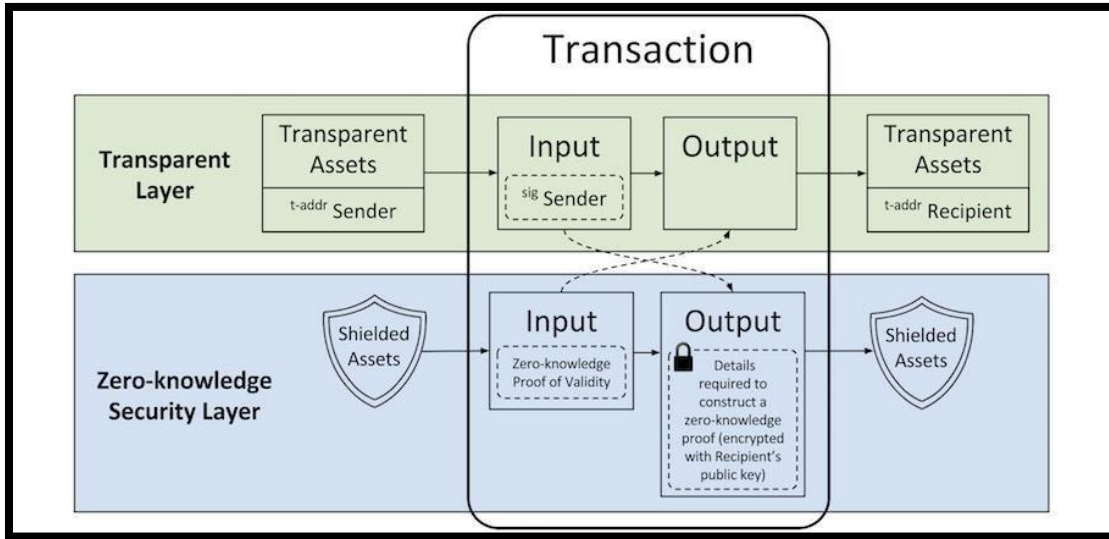


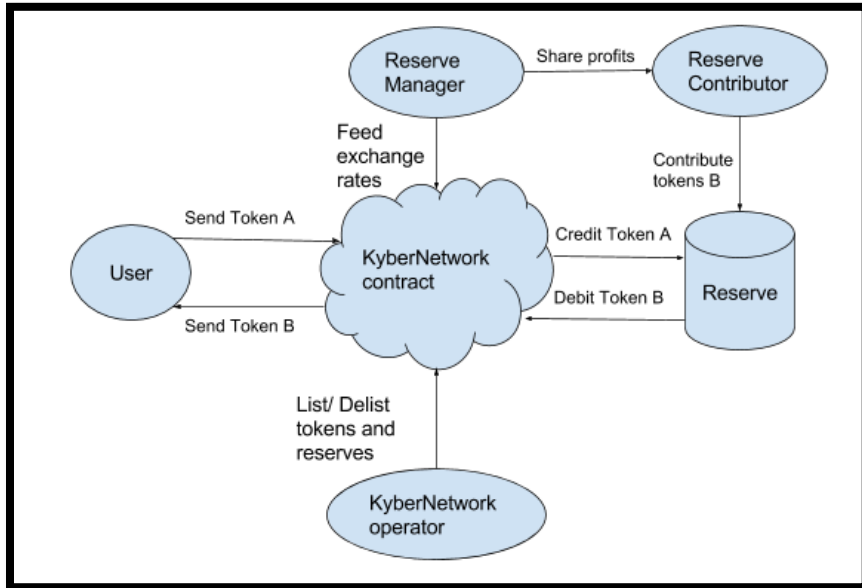
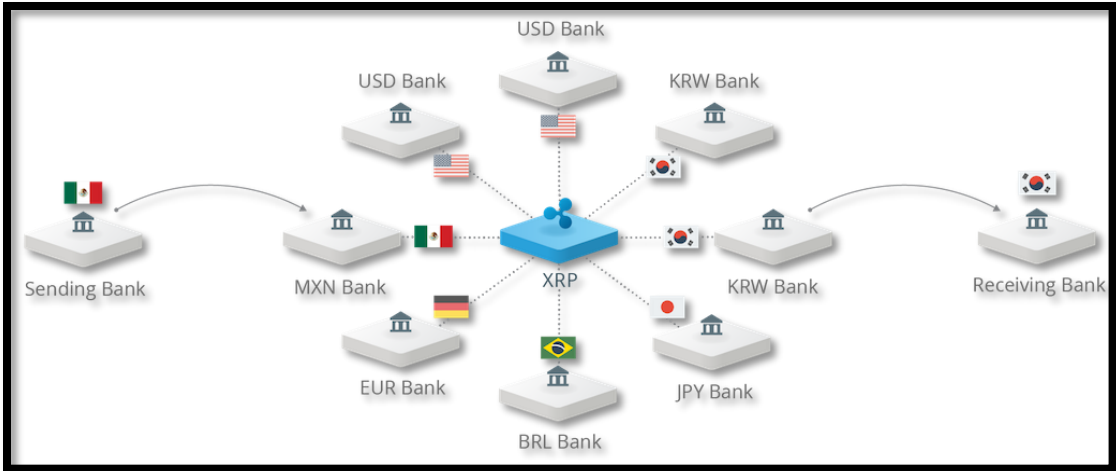


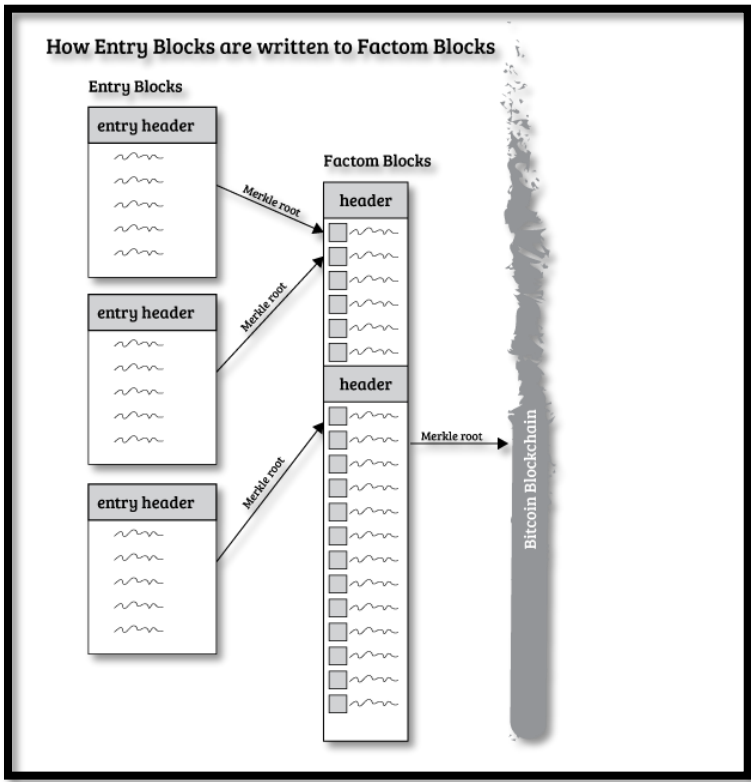
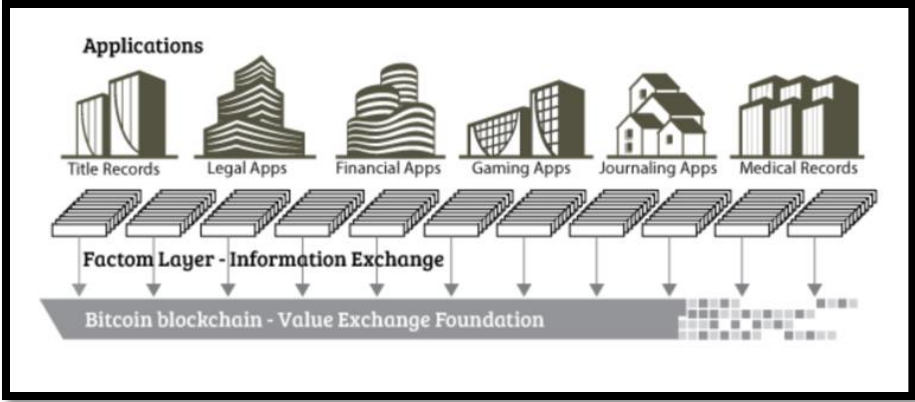
# Chapter 6: Diving into Blockchain - Proof of Existence

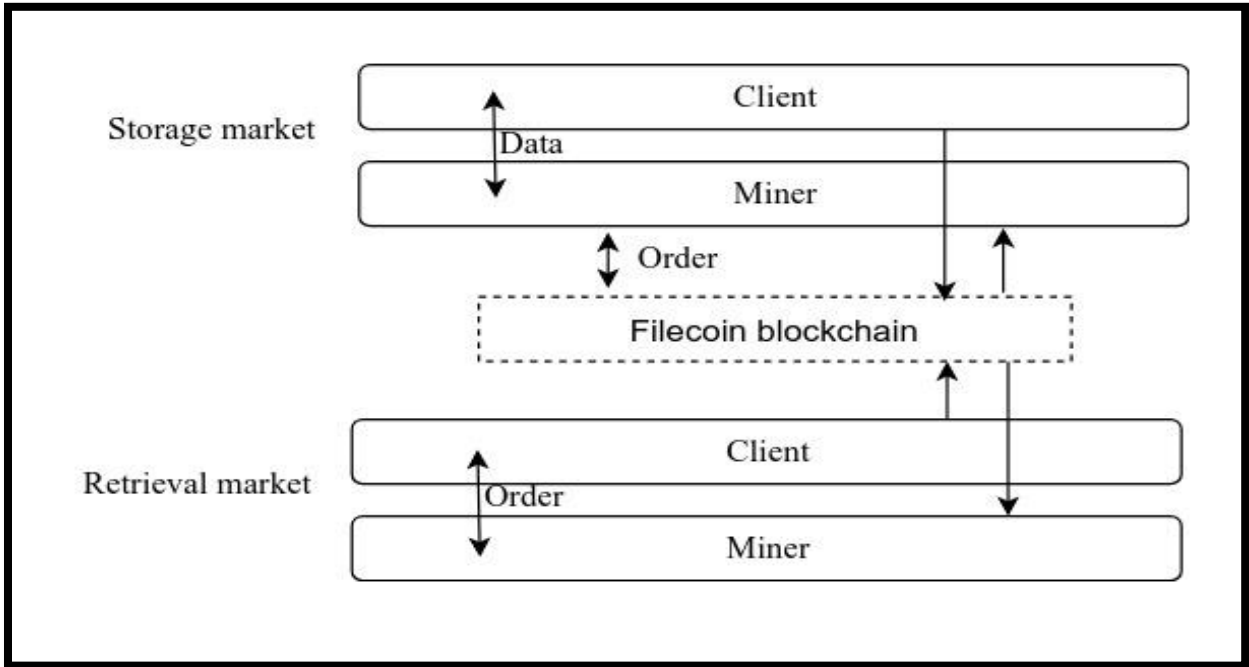
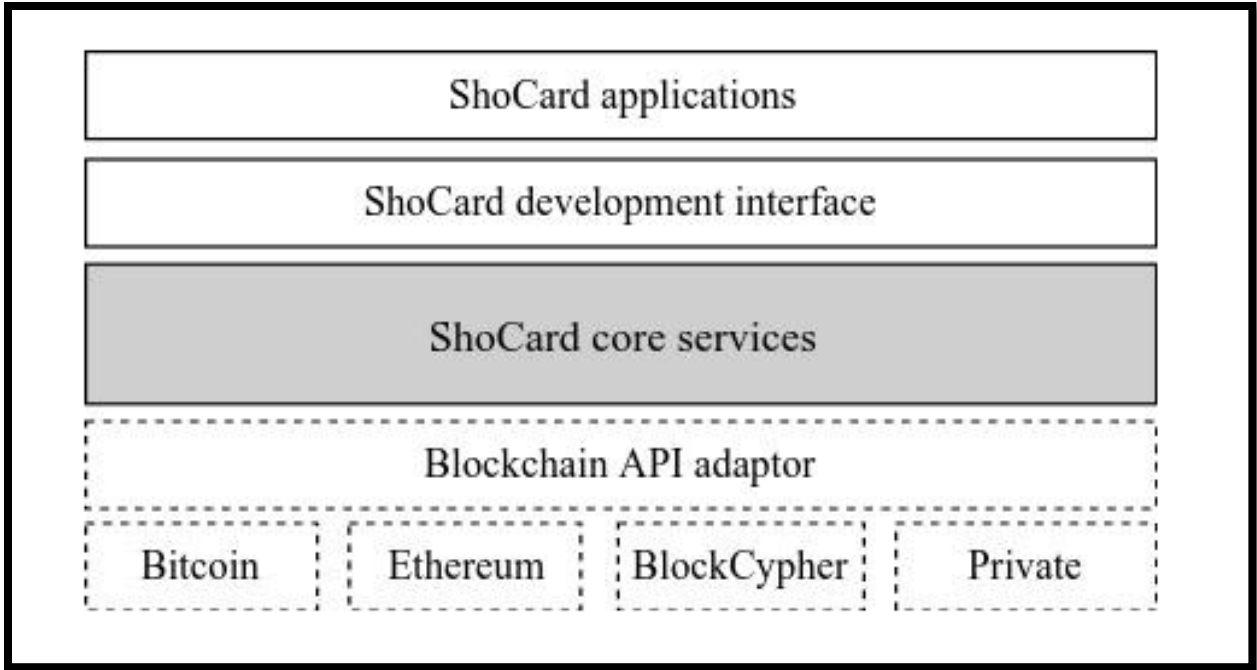


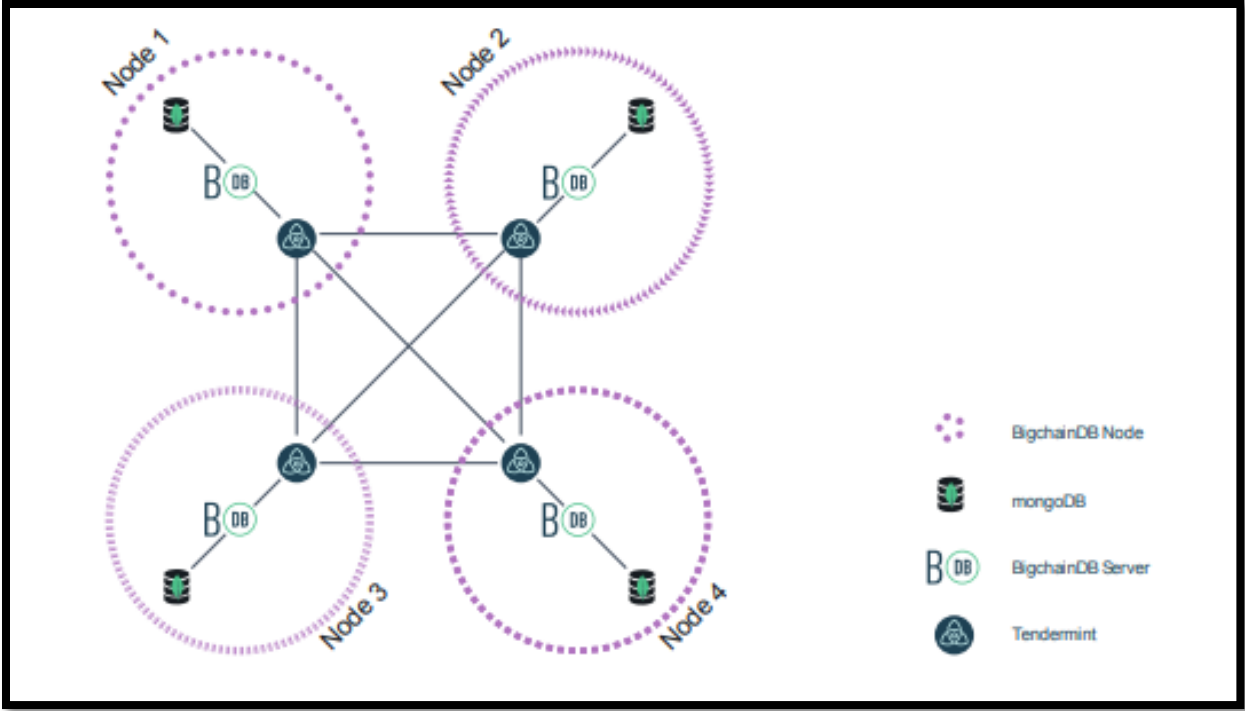
## Chapter 8: Blockchain Projects

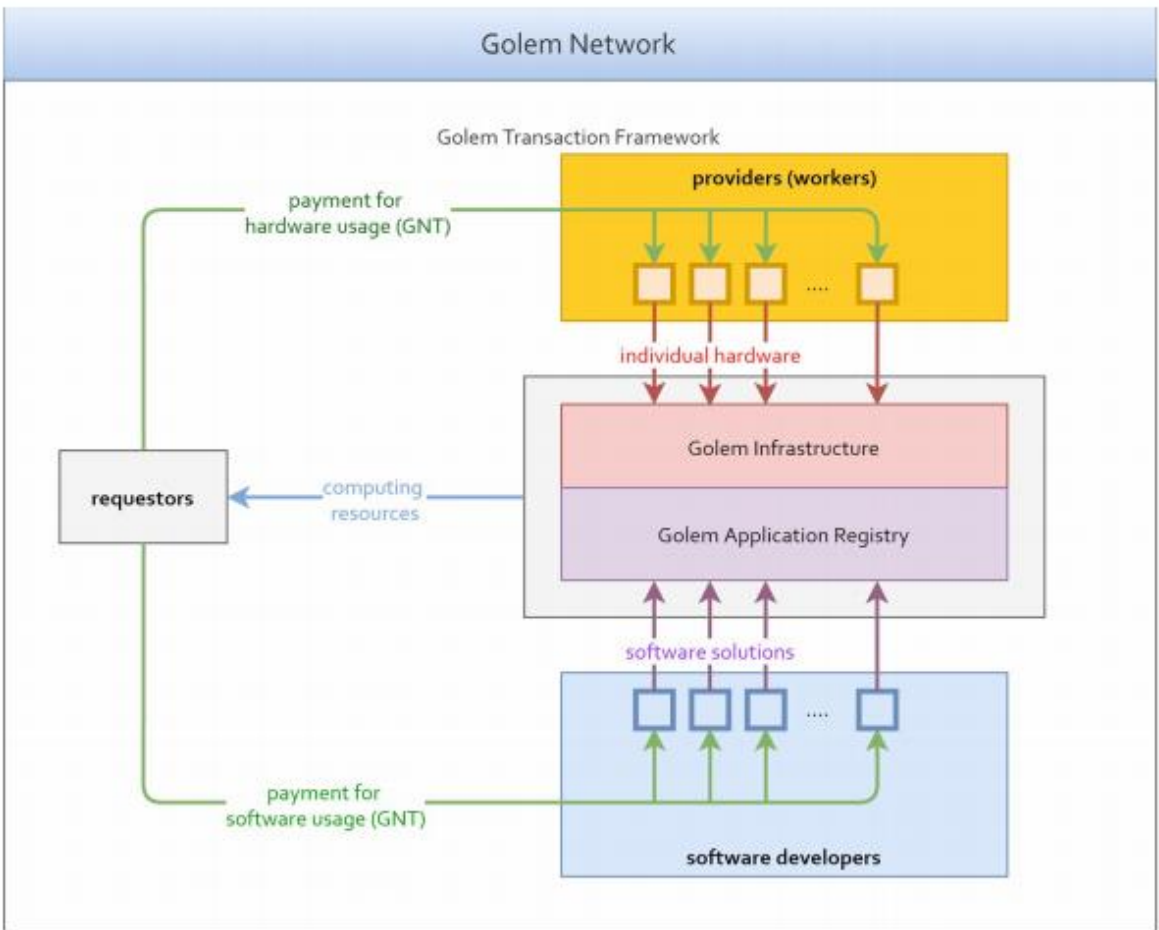




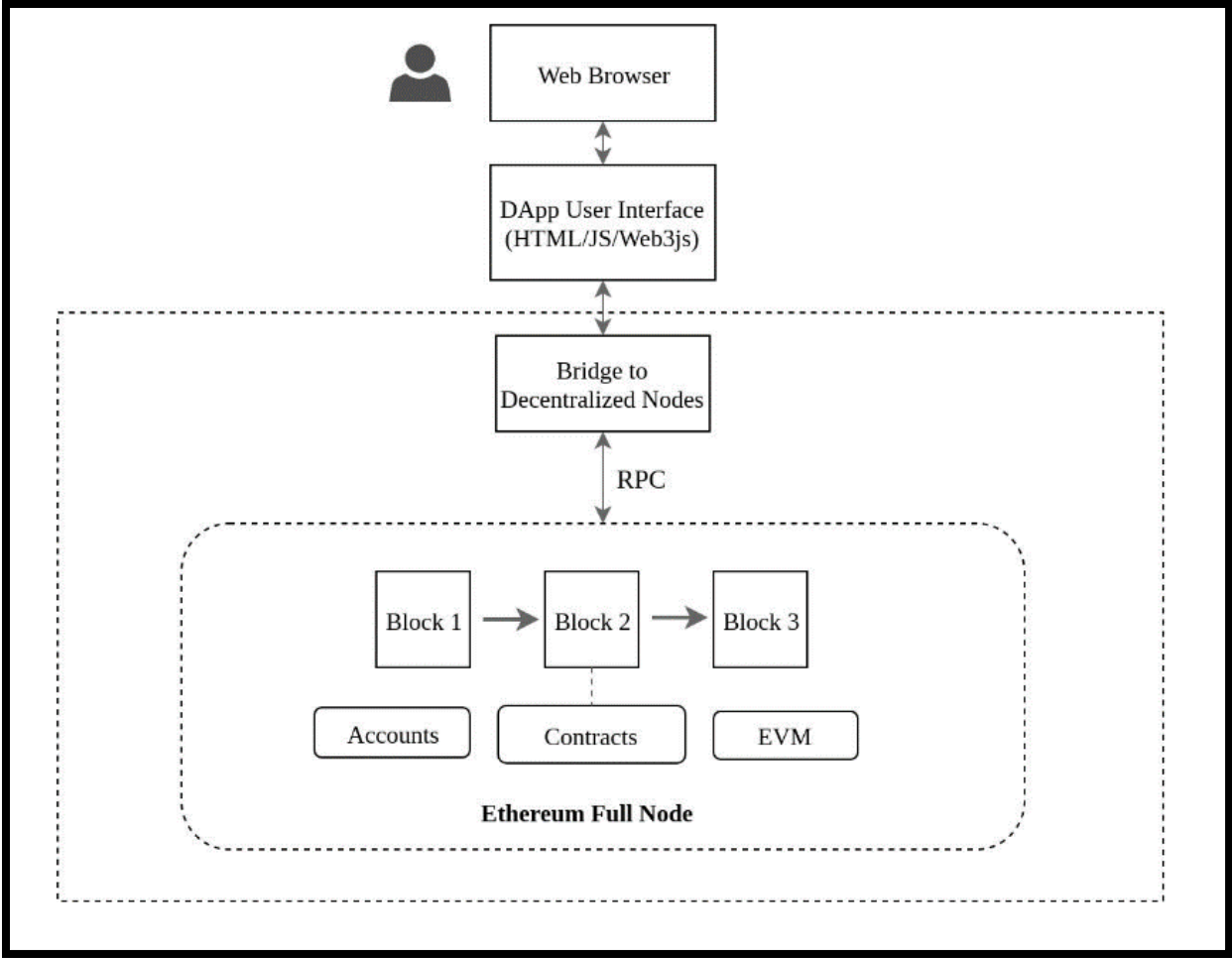




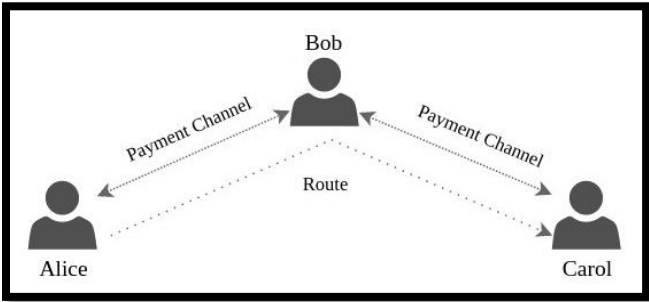
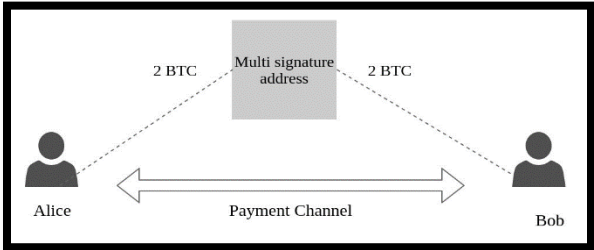
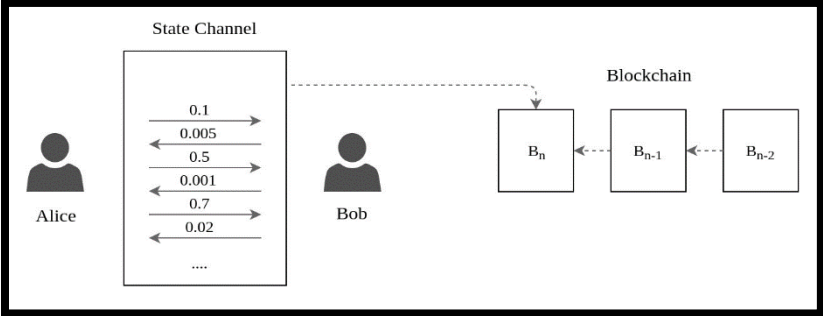


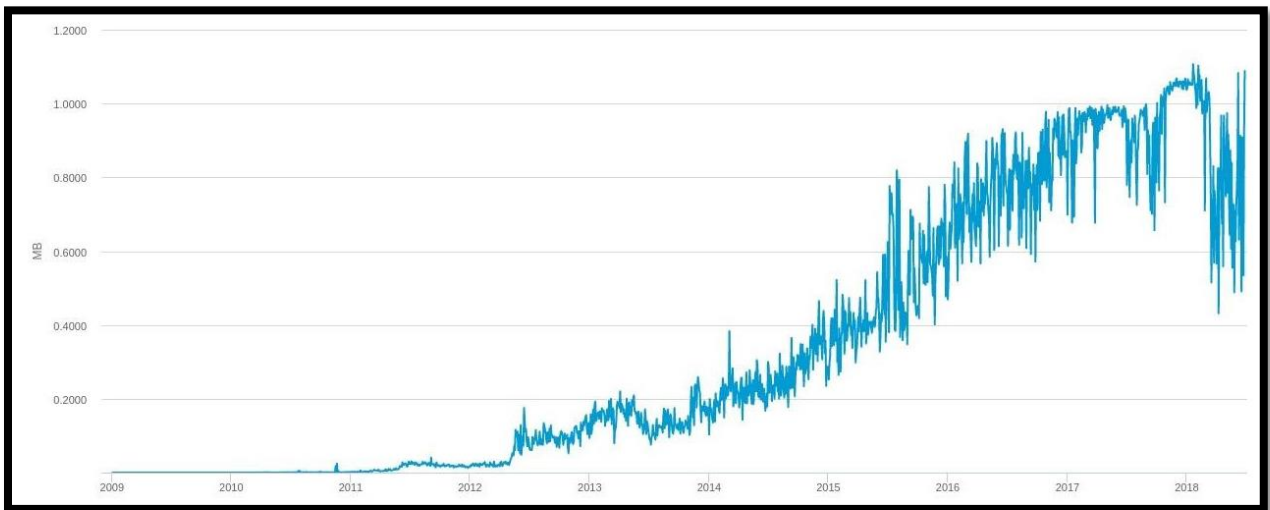
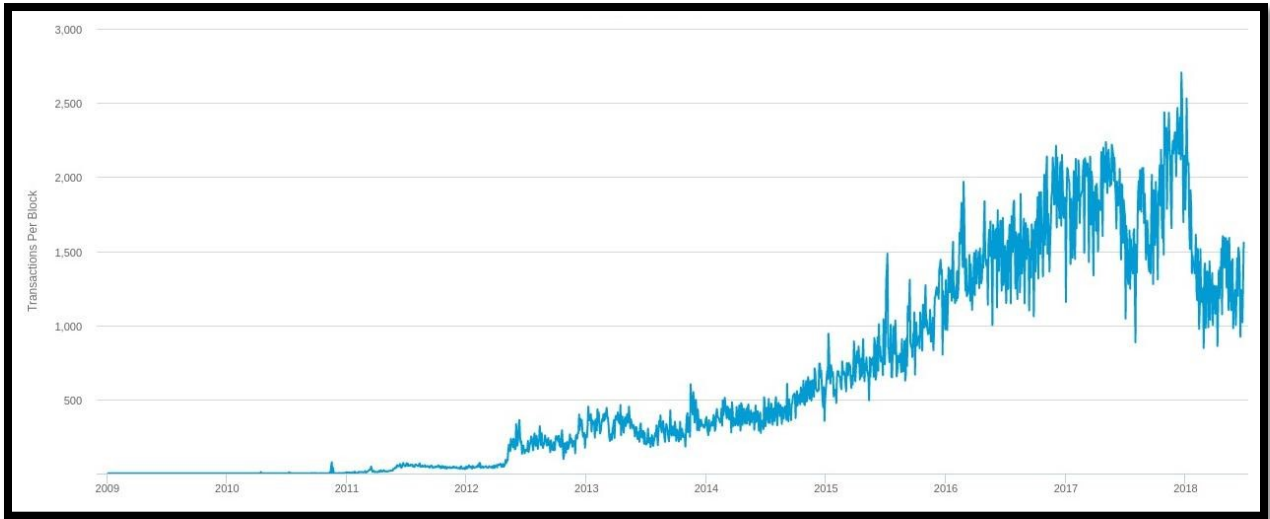
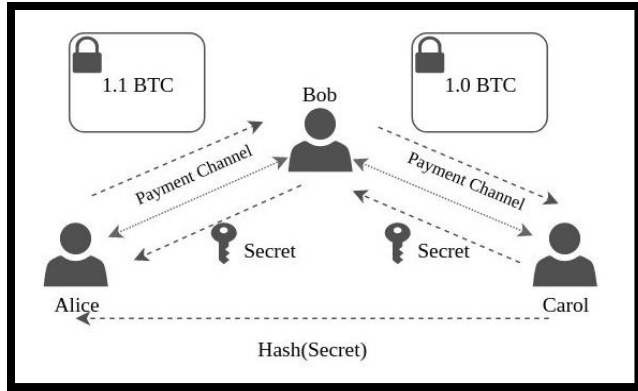


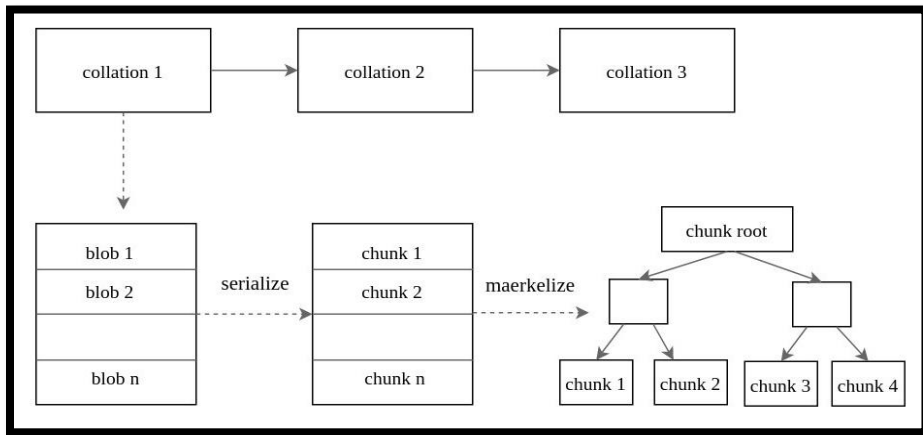
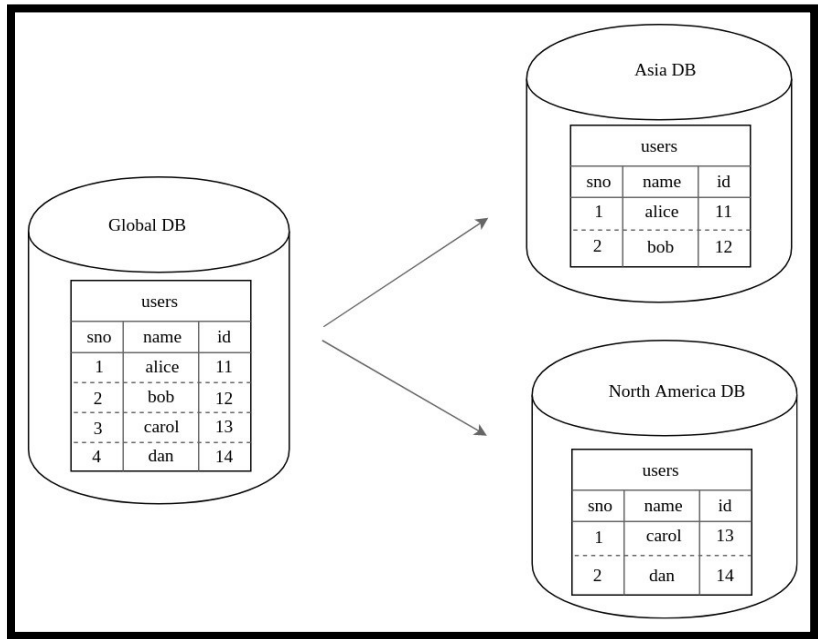


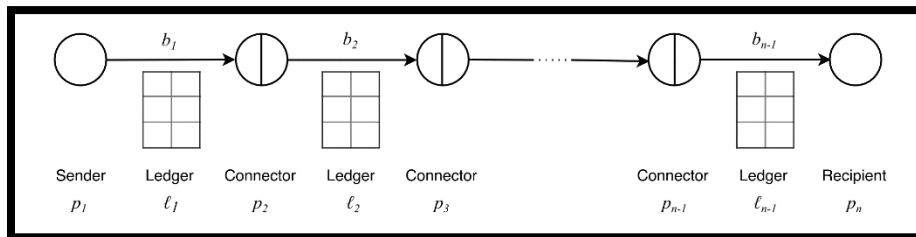
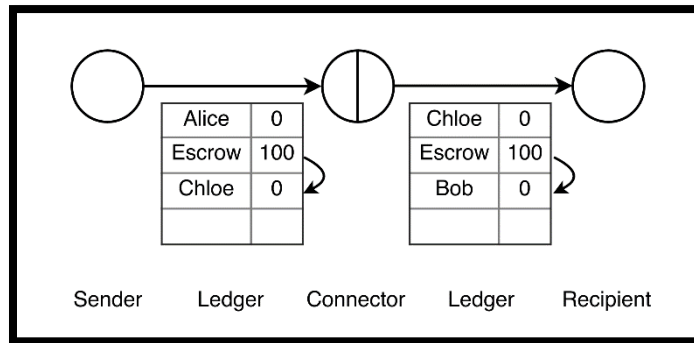
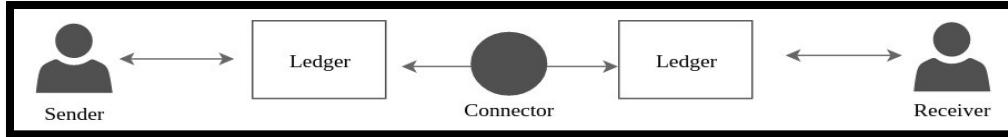
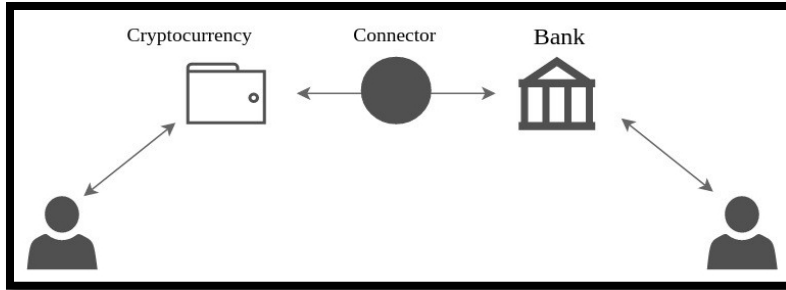


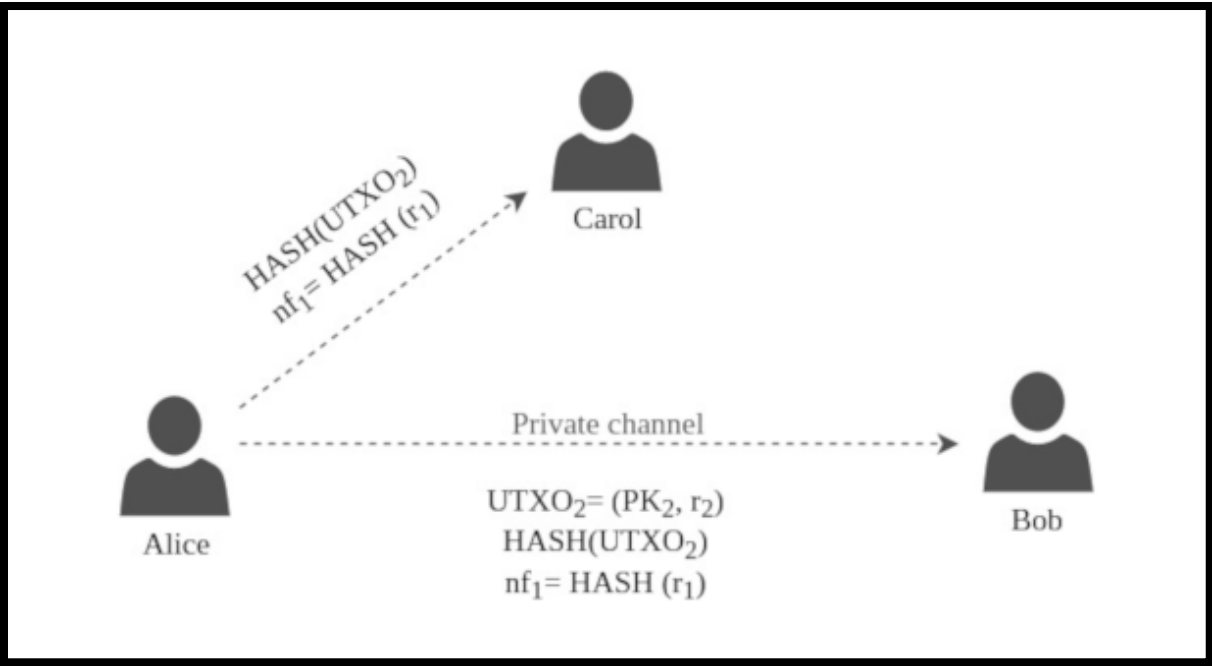
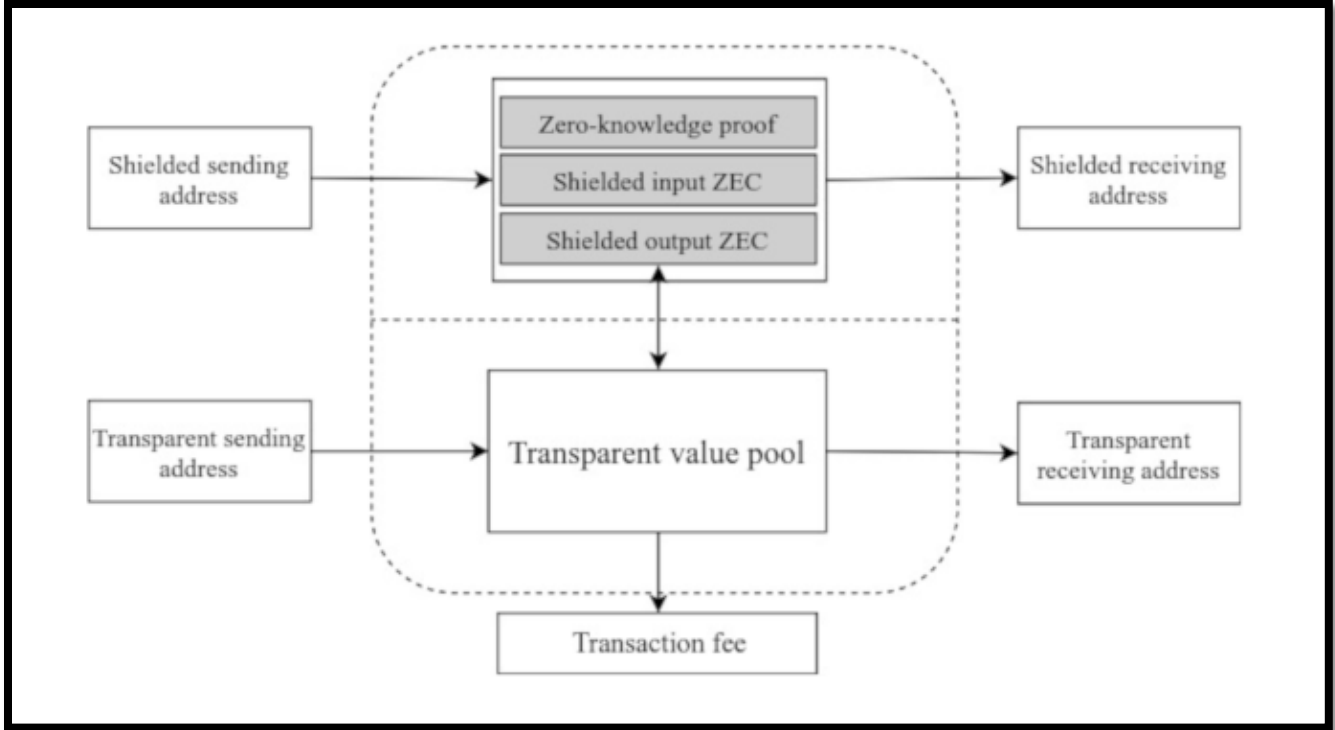
# Chapter 9: Blockchain Optimizations and Enhancements



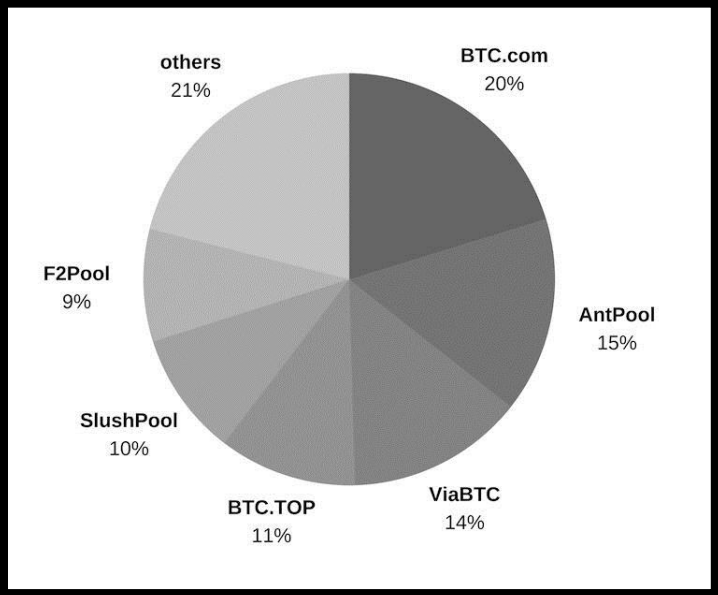
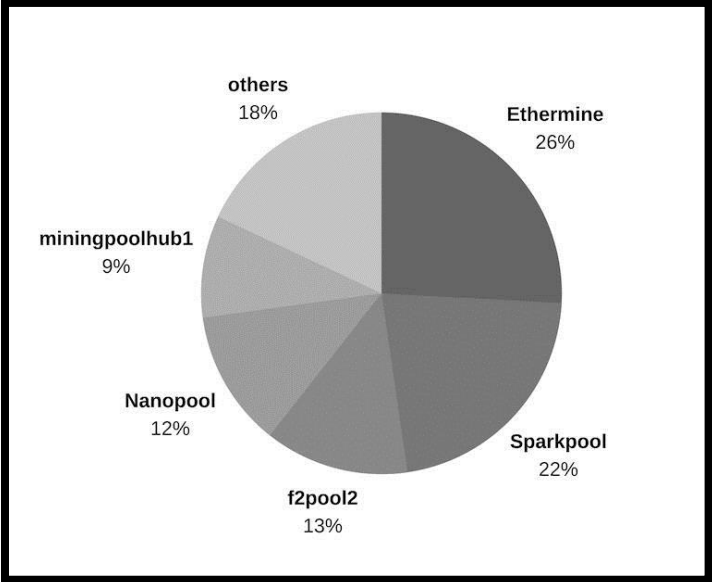


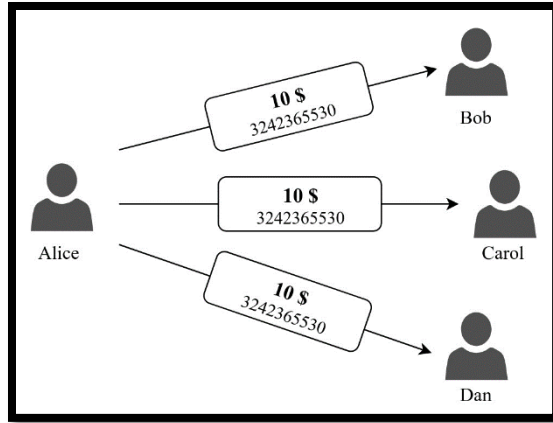






# Chapter 10: Blockchain Security





[f52961ddb5881c4f5a10ca3625c978997ed46dd03da0787acb8f26e36e5e686f](#) → [mi5yptCoTAazBiRSBDea9uZa4wPEhmYfzRn4Wux6bCxxwFPvj7BYNb8REvtahhJ9fHJFv](#)
0.69980551 BTC  
0.1 BTC

Unconfirmed Transaction!
0.79980551 BTC

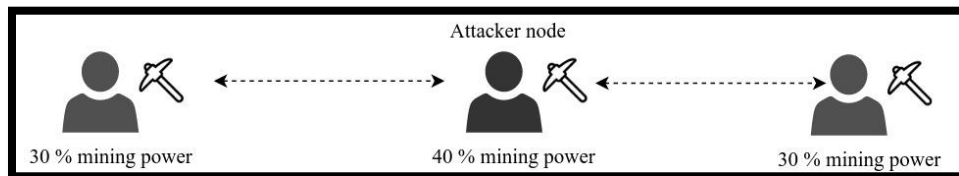
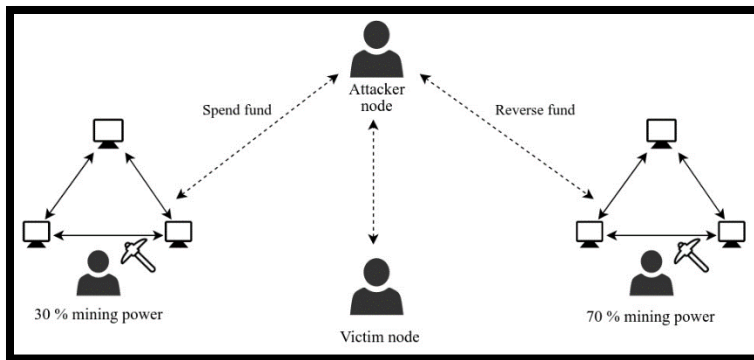
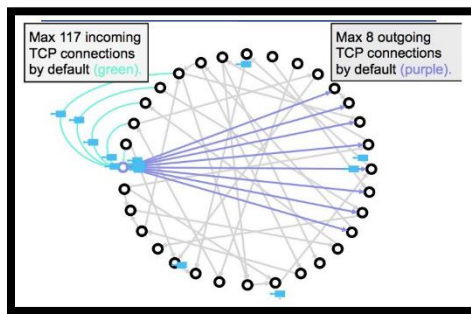
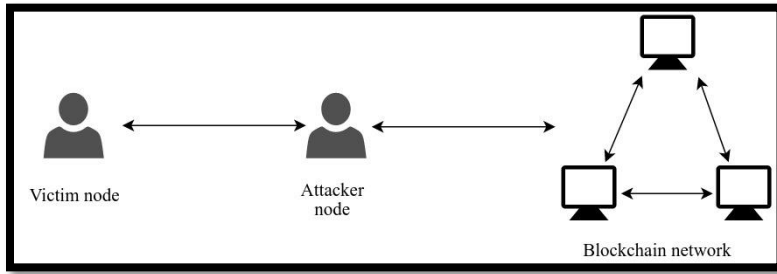
| Summary       |                                 | Inputs and Outputs       |   |
|---------------|---------------------------------|--------------------------|---|
| Size          | 225 (bytes)                     | Total Input              | 0.799808 BTC                                |
| Weight        | 900                             | Total Output             | 0.79980551 BTC                              |
| Received Time | 2018-07-26 12:14:33             | Fees                     | 0.00000249 BTC                              |
| Visualize     | <a href="#">View Tree Chart</a> | Fee per byte             | 1.107 sat/B                                 |
|               |                                 | Fee per weight unit      | 0.277 sat/WU                                |
|               |                                 | Estimated BTC Transacted | 0.1 BTC                                     |
|               |                                 | Scripts                  | <a href="#">Show scripts &amp; coinbase</a> |

[8660fc74668ea2e1fe32d2381c8f6b2512e4418677b63cecab8d7f66b5a162a4](#) → [mi5yptCoTAazBiRSBDea9uZa4wPEhmYfzR](#)
0.799617 BTC

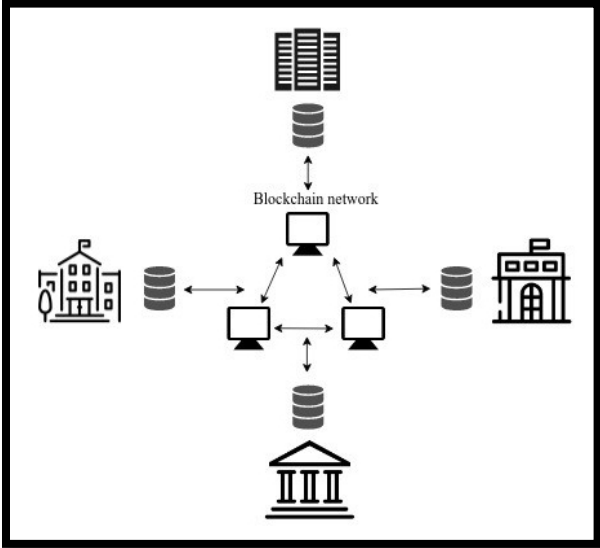
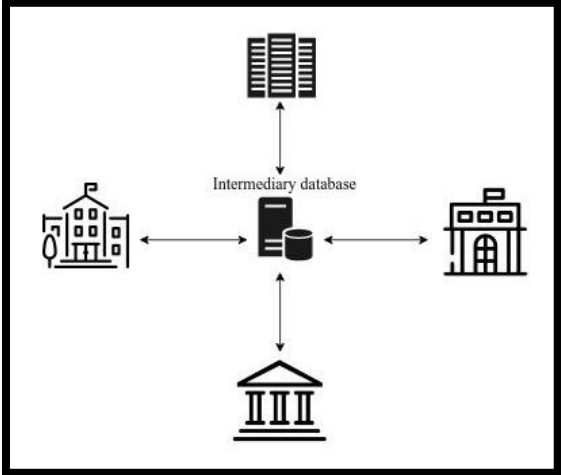
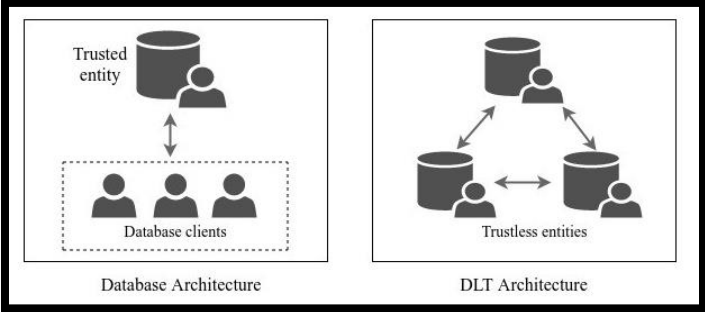
1 Confirmations
0.799617 BTC

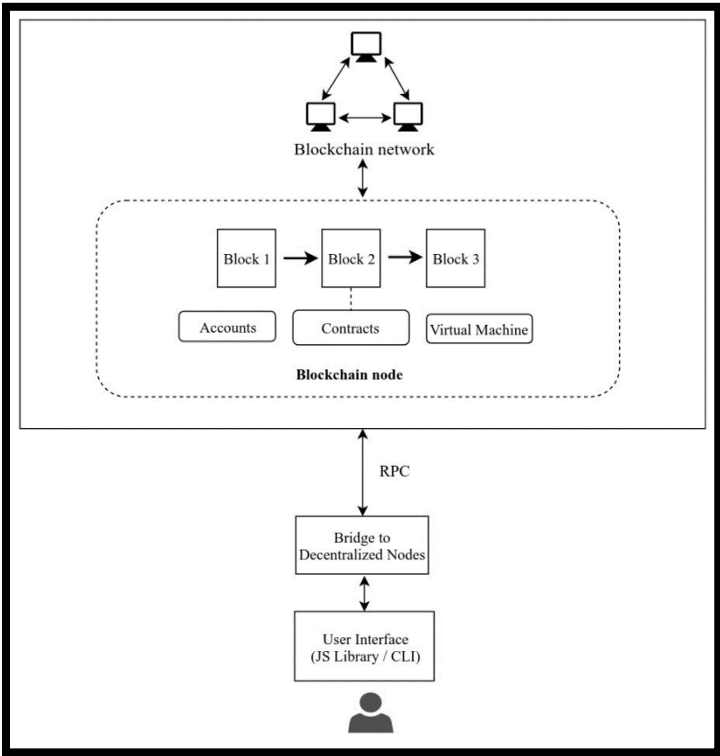
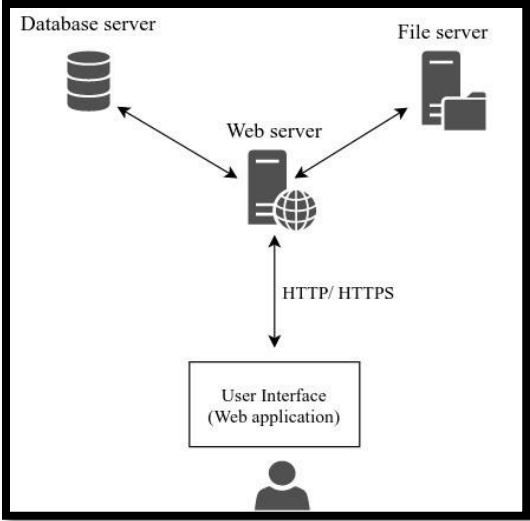
| Summary            |   | Inputs and Outputs       |   |
|--------------------|---|--------------------------|---|
| Size               | 192 (bytes)   | Total Input              | 0.799808 BTC                                |
| Weight             | 768   | Total Output             | 0.799617 BTC                                |
| Received Time      | 2018-07-26 12:14:44   | Fees                     | 0.000191 BTC                                |
| Included In Blocks | <a href="#">1355543</a> ( 2018-07-26 12:15:49 + 1 minutes ) | Fee per byte             | 99.479 sat/B                                |
| Confirmations      | 1 Confirmations   | Fee per weight unit      | 24.87 sat/WU                                |
| Visualize          | <a href="#">View Tree Chart</a>                             | Estimated BTC Transacted | 0.799617 BTC                                |
|                    |   | Scripts                  | <a href="#">Show scripts &amp; coinbase</a> |

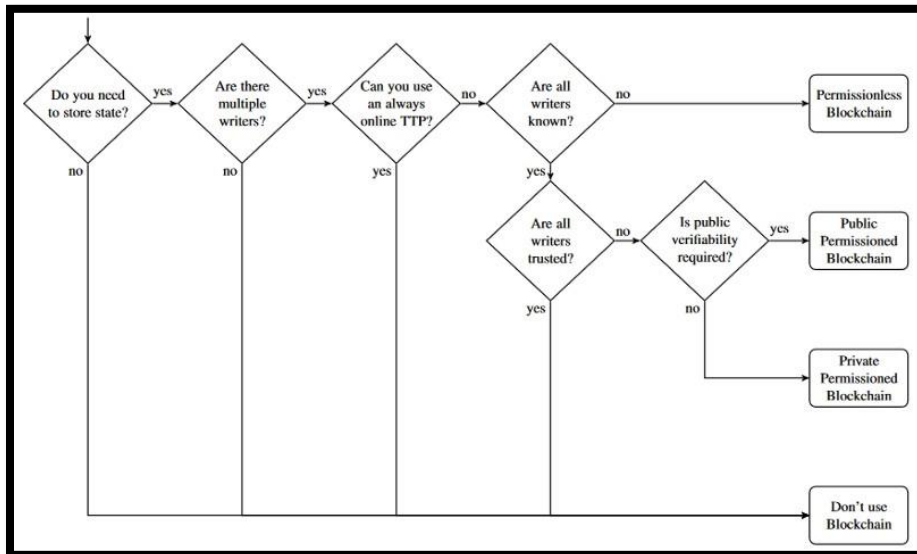
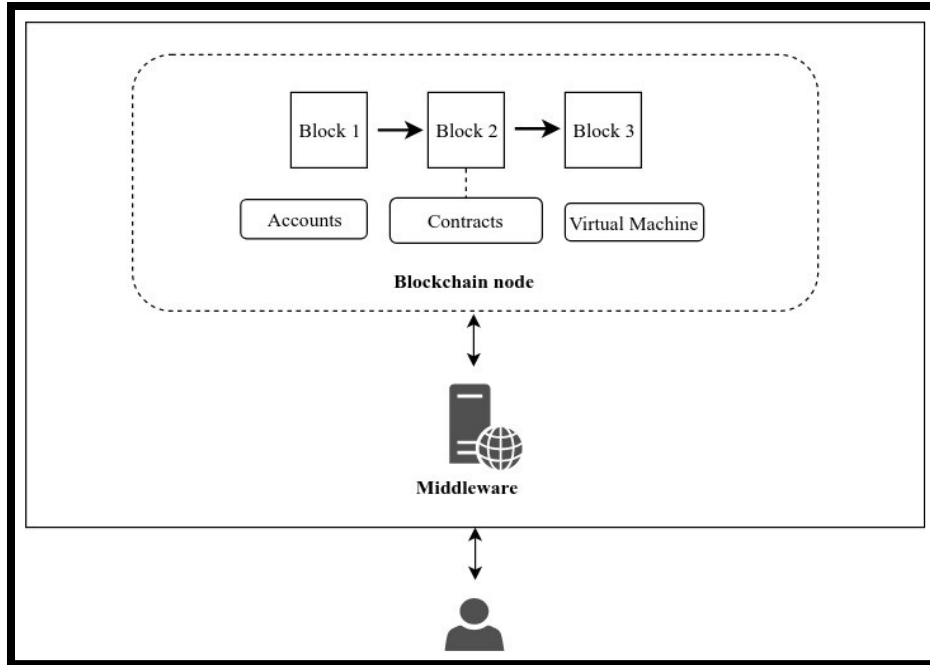




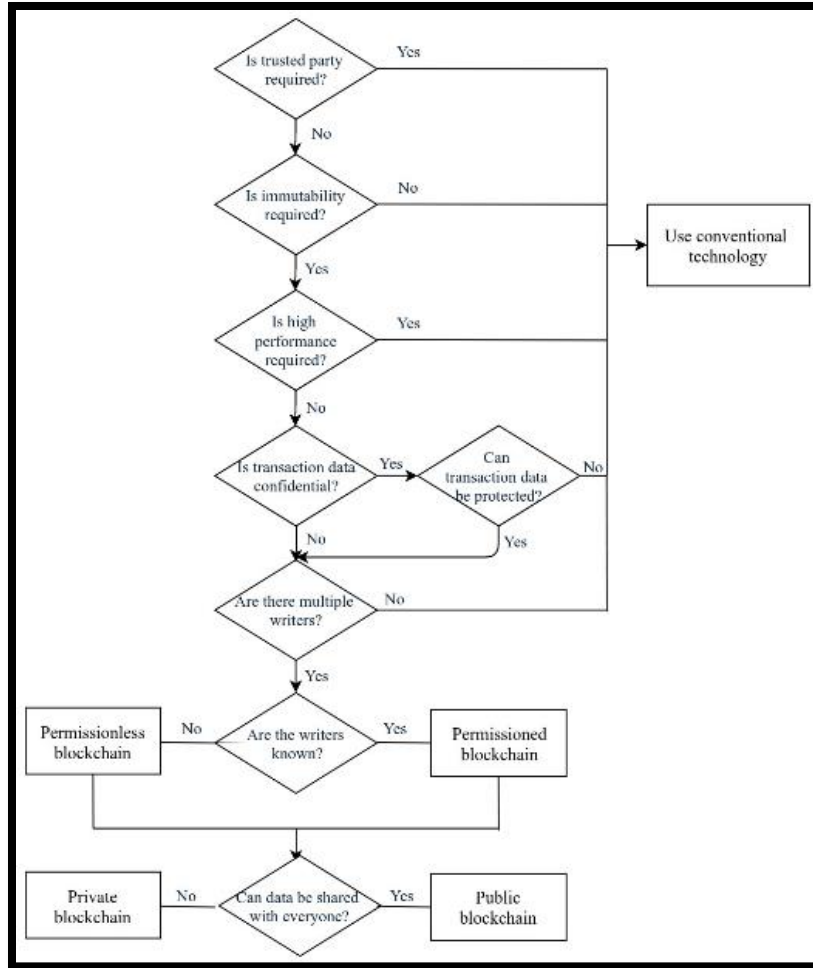
# Chapter 11: When Shouldn't We Use Blockchain?











# Chapter 12: Blockchain Use Cases

