

Mobile Assistant for Cryptocurrency Markets

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Mobile Assistant for Cryptocurrency Markets

A mobile application that gives insights for trading cryptocurrencies

□ Main Features

- Track various cryptocurrencies
- Search for coins in supported markets
- Find profitable exchange chains
- Responsive design
- Works on Android environment

Cryptocurrency Trading





- □ Exchange of cryptocurrencies
- □ Buy/sell using real money and digital coins
- □ More than 15000 markets

Previous Works

| | Blockfolio | Coinbase | CryptoAS |
|--------------------|---------------|---------------|----------------------------------|
| Platform | Android & IOS | Android & IOS | Android |
| Price sources | N/A | N/A | Various markets |
| Exchange Assistant | N/A | N/A | Available |
| Market Info | N/A | N/A | Supported coins and fee policies |

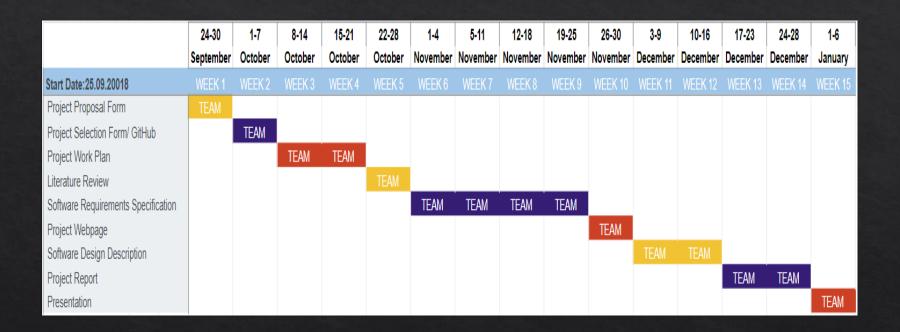
Problem

- Displaying accurate prices of coins
- Support different stock markets
- ♦ Extraction of profitable exchange chains
- Keeping order books up to date

Analysis

- Mobile solutions for stock marketing
- Using different algorithms for searching and AI
- ♦ Continuous data flow with APIs
- Pulling specific data from JSON files

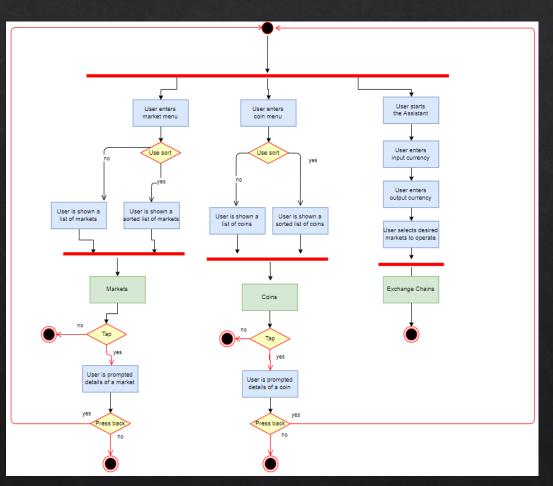
Workplan

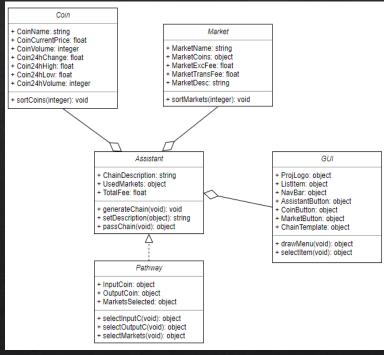


Success Criteria

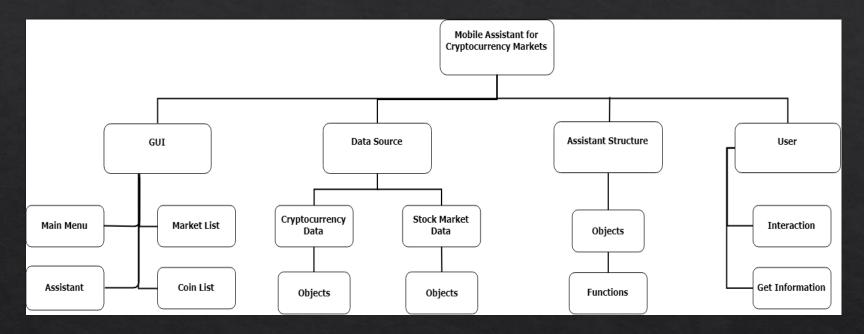
| Success Criterion | How to Measure |
|------------------------------|--|
| Efficiency of Exchange Paths | Checking if there are alternative routes in case a route is outdated |
| Accuracy of Prices | Checking prices from the market APIs directly |
| General Practicality | User feedbacks |

Materials and Methods





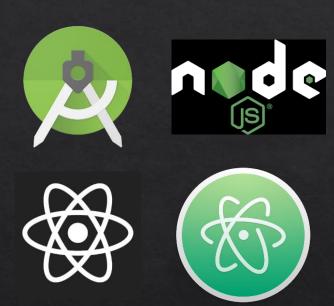
Solution



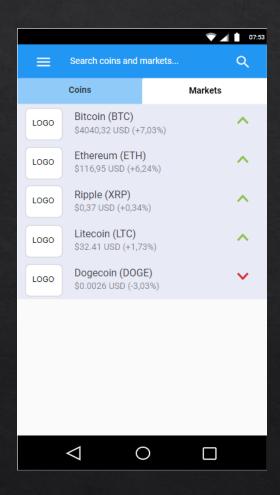
Building an application that assist users by providing updated values and exchange chains of cryptocurrencies.

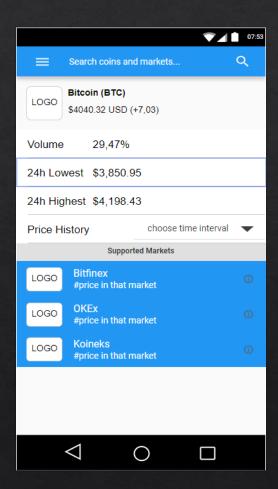
Environment and Tools Used

- Android Studio
- ♦ NodeJS
- ♦ React Native
- ♦ Atom.io

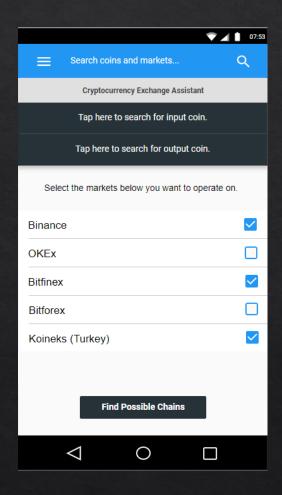


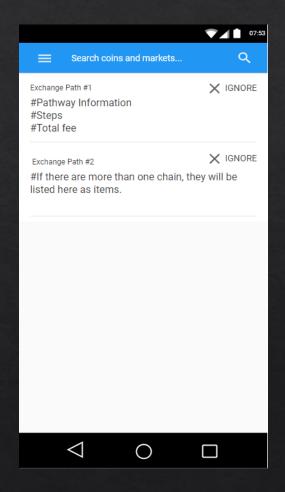
Design Concept





Assistant Design Concept





Results and Conclusions

- Giving a simple and effective application for cryptocurrency and stock market enthusiasts
- Bringing the chance to search through coins and markets easily
- * Assisting the users with giving them exchange paths for a coin pair

Thanks for listening!

Questions?