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**Team: 131**

**Project:**

**CryptoNewsApp**

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# What is cryptocurrency?

- A digital currency built with cryptographic protocols that make transactions secure and difficult to fake.
- Not controlled by any central authority.
- Can be done with minimal processing fees.



1 Bitcoin equals

11,171.21

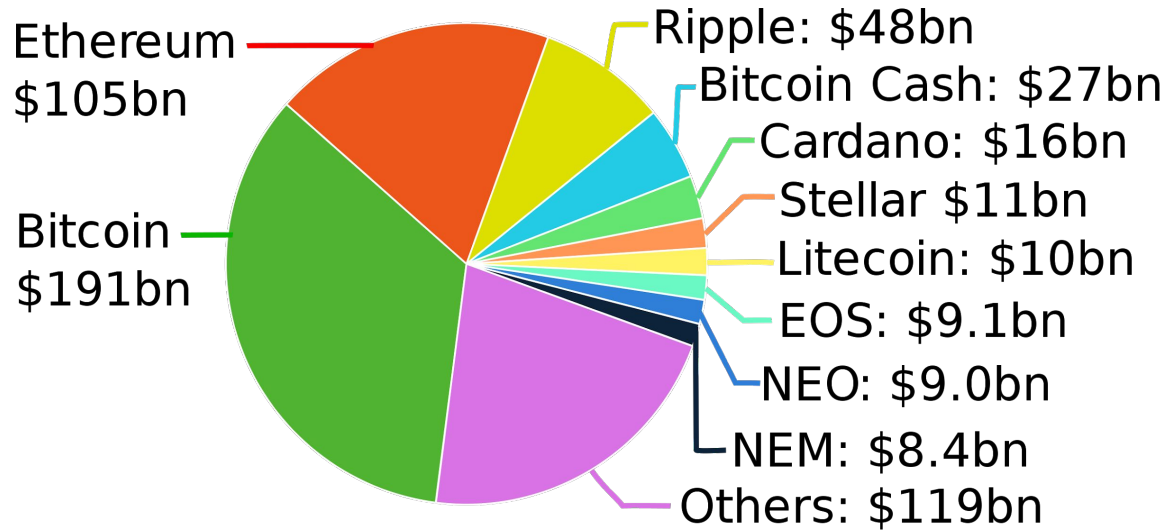
Australian Dollar

6 Jun, 5:14 am UTC · Disclaimer

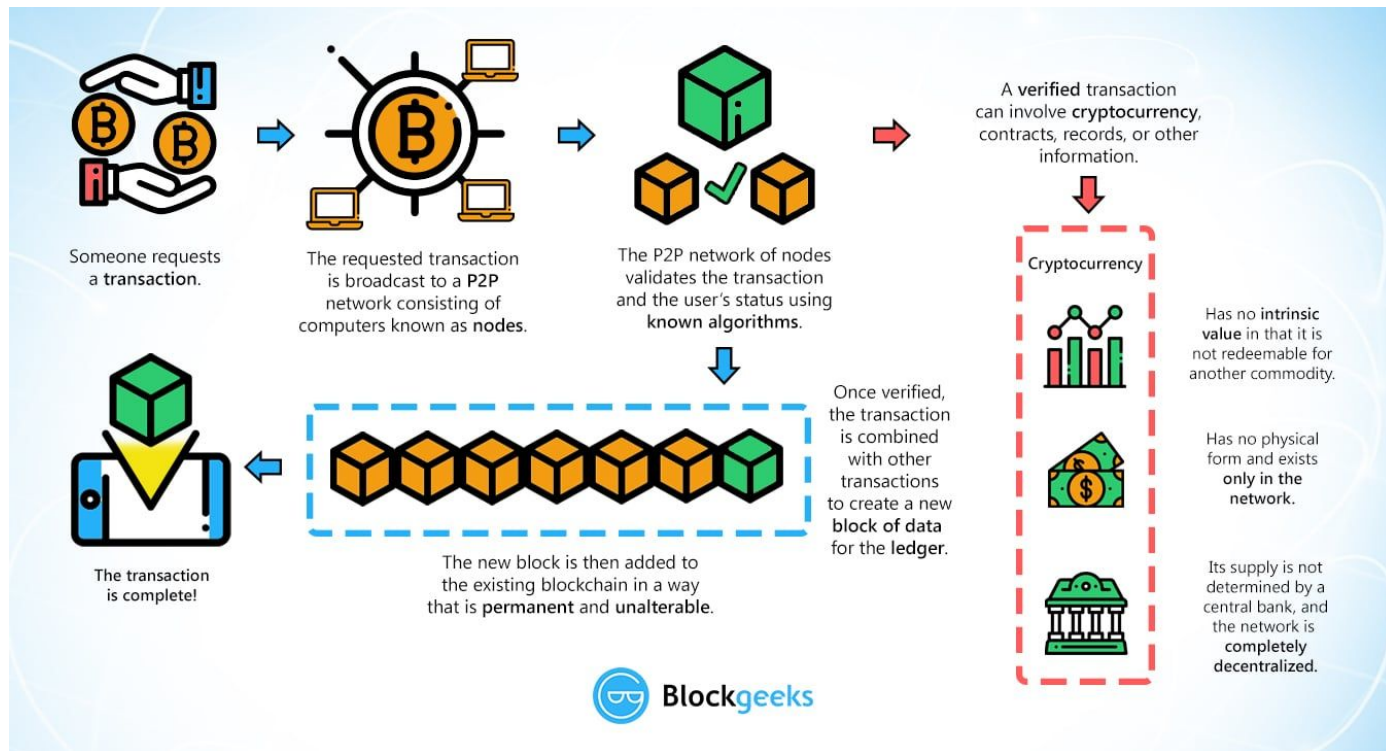
1	Bitcoin ▼
11171.21	Australian Dollar ▼



# Popular cryptocurrencies and their market cap



# How are transactions made?



# Target audience?

- People interested in learning more about cryptocurrencies or investing in cryptocurrencies.

# Problem Solved?

- Main Problem - Uninformed investors
- Solutions:
  - Give people more accessible detailed information about cryptocurrencies in a central mobile app.
  - Aggregate news articles from different sources
  - Compare prices across exchanges
  - View market share and market cap info
- Other/existing possible solutions:
  - + Dedicated crypto-news websites.
    - may be biased/paid or not have all recent news. I.e. disparate.
  - + dedicated info websites exist like coinmarketcap.com
    - but not easily visualised in apps
  - + Wallet viewers or trading apps
    - lack info and news.

# Business Model?

- Business model could be paid app, freemium model or advertising model.
- Realistically needs to be free to attract downloads.
- Freemium extra features added for premium members eg. Crypto Job Board.
- Or advertisements interspersed into news feed or ad banners.

# Project Management?

- we used Git and GitHub for version control & repository and issue tracking. Given limited time we didnt use task scheduling.
- Gitflow Branches: master/dev/feature-branches
- Agile Sprints:
  - 1 - idea phase and feature brainstorming
  - 2 - main app flow views & controllers storyboard setup
  - 2 - basic features developed (mocked data)
  - 3- feedback from users in tutorial
  - 4 - features completed, data sourcing & merge/integration
- We used sms to schedule meetings for agile sprints.

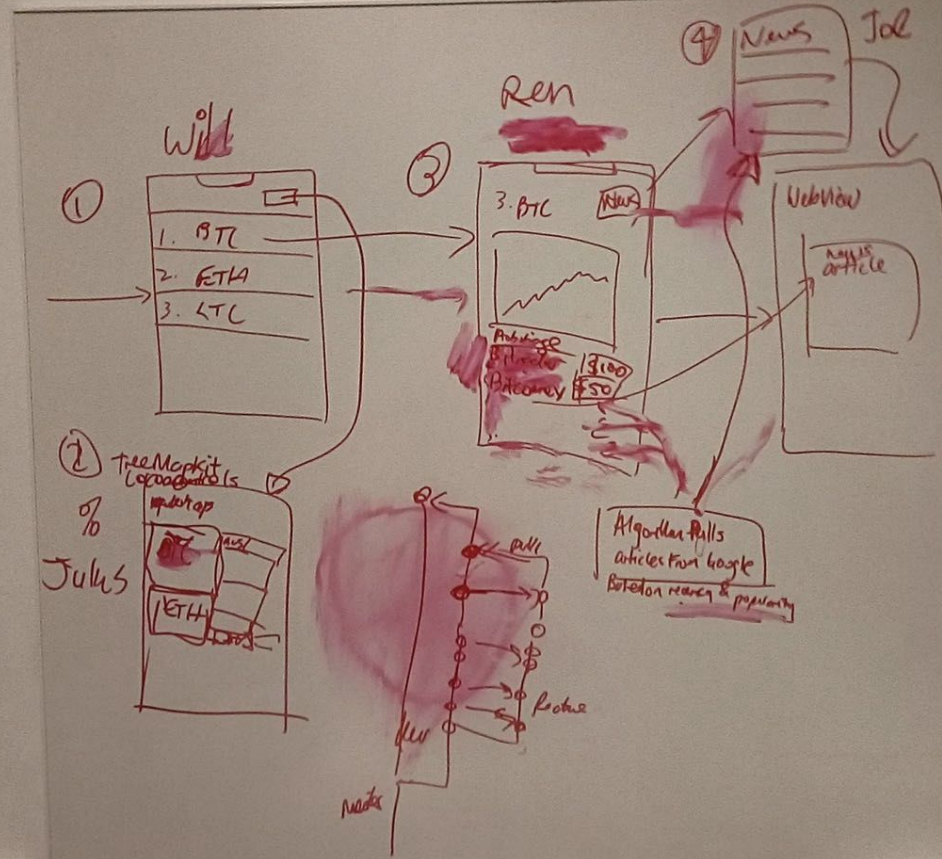


Initial

Storyboarding

&

Feature  
Delegation



# State of Development?

- Most features of the MVP have been completed.
  - Crypto Table View
  - Crypto Details View (including price graph)
  - News Feed View
  - TreeMap Market Cap View
- TODO: Information for each crypto could have description & webview linking to Wikipedia entry for detailed info.
- TODO: Tidy up comparison of exchange prices.
- TODO: potential job listing for paid members  
Or paid adverts interspersed in news feed.
- TODO: refactor model out more.

# Problems?

- We did have a merge conflict problem with conflicting storyboard sources but we fixed it.
- Need to install cocaopods dependency to build/run.