

# COMP 680 Project Proposal Outline - Group 5

## Project: Cryptocurrency Portfolio

- **Business Goal/Objective of the proposed application**

It offers complete cryptocurrency management system, with easy to use tools to keep track of all your cryptocurrency investments. Get detailed price and market information for individual currencies and your entire portfolio, your profits and losses for individual coin and total profit and loss of the entire portfolio all in one place.

- **Technology Stack**

- Ionic framework for hybrid mobile application development
- Firebase to store user data
- CoinAPI for data APIs and cryptocurrency market

- **Sprint 1**

- **Business Goal/Objective**

Create a mobile application for cryptocurrency holders and enthusiasts to observe the current market price with user login and registration  
Create

- **User Stories**

- **Technical Tasks**

- As a user I should be to register and login in the application
- As a user I should be able to edit my profile
- As a user I should be able to see the current price of all cryptocurrencies
- As a user I should be able to filter coins lists
- As a user i should be able to see the current market capitalization of individual coins as well as total market capitalization

- As a user i should be able to see market volume, total supply, circulating supply of each coin as well as the total for all coins

- **Sprint 2**

- **Business Goal/Objective**

Allow users of the application to add coin on their portfolio and keep track of the profits and losses

- **User Stories**

- **Technical Tasks**

- As a user I should be able to search for coin
      - As a user I should be able to add a coin to my portfolio
      - As a user should be able to see my profits and losses
      - As a user I should be able to receive notifications
      - As I user I should be able to see updates of the current news feed
      - As a user I should be able to edit a coin quantity or cost
      - As a user I should be able to remove a coin from my portfolio