COSC 412: Individual Project Requirements

Functional Requirements:

1. The website must have a log-in function for user.

2. The website will have a drop-down function that allows the users search for what cryptocurrencies are available.

3. The cryptocurrency exchange must have a section in the dashboard of the cryptocurrency that the user has in their account.

4. The website must have a buy/trade function in which the user is allowed to purchase the cryptocurrency that is available in the exchange.

5. The user can view market data from a graph that is on their account.

Nonfunctional Requirements:

1. Cryptocurrency that are available in the exchange are going to be run through the Binance API.

2. Technology: HTML5, CSS3, Bootstrap 4, Python, NumPy , TA-Lib, Websocket, Binance-Python, JavaScript, Flask

3. API: Binance API

4. IDE: Visual Studio Code

5. Time: Website to be fully operational by 7/23