COSC 412: Individual Project - Use Cases

Title	Exchanging Cryptocurrency (Buying)
Description	Purchasing and cryptocurrency
Primary Actor	User
Triggers	Buy
Main Course	1. Users log into account 2. Users view cryptocurrencies that the cryptocurrency exchange has to offer. 3. Users select which cryptocurrency to buy 4. User presses the buy button 5. Systems updates user's account 6. User can see his updated balance
Alternative Course(s)	N/A
Exception(s)	User does not have sufficient funds to buy the amount of cryptocurrency from the exchange (20 dollar minimum)
Pre-condition(s)	User is viewing the available cryptocurrencies that the exchange has to offer User must have money transferred into their account or existing money to buy cryptocurrency
Post condition(s)	Site will return user to the home page Site will update user's balance

Title	Exchanging Cryptocurrency (Selling)
Description	Selling cryptocurrency
Primary Actor	User
Triggers	Sell
Main Course	1. Users log into account 2. Users view cryptocurrencies that the cryptocurrency exchange has to offer. 3. Users select which cryptocurrency to sell 4. User presses the buy button 5. Systems updates user's account 6. User can see his updated balance 7.
Alternative Course(s)	N/A
Exception(s)	User does not have sufficient crypto to sell
Pre-condition(s)	User is viewing the available cryptocurrencies that the exchange has to offer User must have the crypto in their account
Post condition(s)	Site will return user to the home page Site will update users balance

Title	Viewing Bitcoin Market Data
Description	User can see the Bitcoin Market Data in their profile
Primary Actor	User
Triggers	User logs into account
Main Course	1. User enters Home Page 2. User Enter Log-In Credentials 3. Site sends user to his account 4. Site loads real time market data for Bitcoin
Alternative Course(s)	N/A
Exception(s)	User does not have access to account
Pre-condition(s)	User selects LogIn tab
Post condition(s)	Site displays Bitcoin chart in user account