# Stoddit Functionality List

Stock trading platform that allows users to buy and sell stocks, and enables users to connect with each other via chat rooms to discuss specific stocks, strategies, and etc.

Users can share their trade to the Stoddit thread and enable other users to comment and react on their trade.

Users can see a list of stocks they are currently holding.

Users can track their transactions within the app and also save a watchlist that updates real-time.

Users can get real-time updates on tickers in portfolio

### User Registration (Functionality Requirement)

* User can register through Stodit user registration interface by using their phone number or email.
* User will be able to receive verification code from Stodit system.
* The system will be able to tell users if the account has been registered in the Stodit System
* The users can successfully register the account if the verification code is correct, the password is met the password requirements and the phone number has not been registered.
* The app must tell user which input is invalid during registration.

### User Registration (UI Requirement)

* User must be able to click register showed on Login page.
* User will be redirected to registration page after clicking the register button.
* User must be able to input their phone number in the input field.
* User must be able to input the verification code.
* User must be able to input their username.
* User must be able to select their avatar.
* User must be able to click register button when all input field except avatar is filled.
* User cannot go to next step is the requirement has not been met.

### User Login (Functionality and UI Requirement)

* User must be able to input their phone number and password inside the input filed at Login page interface.
* If the username (phone number) and password are a match, user must be able to login in the system, user must be able to redirect to Stoddit home page interface and the system will return the user info with token.
* If the phone number and password are not matched, user must be notified.
* User must be able to click the login button if the phone number has met the phone number requirement (10 digits) and password requirement.
* If the requirement above are not met, the interface will show error and login button is disabled.

### Reset Password (Functionality and UI requirement)

* User must be able to select reset password on the Login page and Account page.
* If user select reset password on Login page, User must be able to input their phone number to received verification code.
* If user select reset password from Account page interface, User must not input the phone number, the phone number input field is set to currently login account.
* If the input verification code is correct, user will be redirect to reset password interface.
* User will be able to input new password twice

### Home Page (Functionality and UI requirement)

* User must be able to select portfolio to view
* User must be able to select chat room section
* User must be able to use search function to search for portfolios
* User must be able to see watchlist of favorited stocks
* User must be able to see popular tickers
* User must be able to see all chat rooms they are participated in

Home Section:

* User must be able to view total balance of portfolios and breakdown of balances
* User must be able to view balance trend
* User must be able to see different portfolios (TFSA, RSP, etc.)
* User must be able to see changes in top tickers and ratings
* User must be able to see market updates
* User must be able to see markets (S&P500, NASDAQ, etc.)
* User must be able to see latest messages from chat rooms and real-time updates

Header Section:

* User must be able to reach portfolio detail page with portfolio heading
* User must be able to reach chat room page with chat heading
* User must be able to reach trade page with trade heading
* User must be able to reach personal goals section with goals section

### Portfolio Page (Functionality and UI requirement)

* User must be able to view all portfolios user has created
* User must be able to create a new portfolio
* User must be able to click into portfolio to see tickers within portfolio
* User must be able to see total rate of return (monthly)

### Individual Portfolio Page (Functionality and UI requirement)

* User must be able to view all portfolio tickers
* User must be able to buy and sell in portfolio
* User must be able to