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Stock Buddy Scenario 2

This scenario presents with a few more features that the Stock Buddy (A virtual paper trading application) will offer to users. It is an extension of the first scenario and so all features outlined in that scenario will still be present in the product.

Now, Bob has learnt the basics of Stock market trading like exploring the various companies, selling and buy stocks, identifying the companies he wants to focus on by adding them to watchlist, managing the fixed $1000 budget assigned to him etc. The version of the application aims to make him an expert in Stock market trading.

When Bob clicks the **Browse tab**, he will be able to see the companies listed by their categories. When Bob clicks a company say Google, he can see all the details like **Current Stock Price, Change with respect to previous day stock rate, Change Percent** in a Table. If he wishes to buy this stock, he can click the Buy button. A dialog box pops up where he can enter the number of stocks he wishes to purchase. If the amount doesn't exceed his balance in the wallet, the stock is added to his purchase list.

When Bob clicks the **Watchlist** tab, he will see a list of his favorite companies. If he clicks a company, say Apple, he will see a daily trend of the stock fluctuations. In first graph X axis represents the time period and Y axis represents the Volume of Stock purchased. In second graph, X represents the time period and Y axis represents OHLC (O-Opening Price, H-High Price, L-Low Price, C-Closing Price). A sample graph for Apple Stock is

Also, he will receive notifications via email each time the stock price of a company in his WatchList drops or rises by a threshold percentage value. He will be able to set that threshold value in the WatchList tab. He will also be able to retract from the notifications service altogether by clicking on the stop notifications button.

After buying a stock, Bob will be able to review his transactions by clicking **transaction history** tab. Here he sees two views:
1. Table View - In this table , he can see the following details:
    - Transaction Id
    - Stock Name
    - Number of Stocks
    - Amount
    - Purchase or Sell
    - If it is Sell, then Profit or Loss amount will be displayed.
    - Date & Time of the transaction
2. Graphical View-In this line graph, X axis represents the time period and Y axis the volume of transactions made in a day. Bob can timescale this information by entering the number of days they wish to view.

When Bob is in a stalemate where he doesn't know which stock to buy to get high profit, he can solve it easily by clicking **Recommendations** tab. He can see list of companies which makes him profitable. He can also see the performance of these companies and take a final decision. Also, he views the top 10 stocks to buy based on the popularity and the low risks factors.

In his **Account** tab, he will be able to change his password, email. In addition, he will be able to edit his personal information such as "Name", "Phone Number".
If Bob forgets his password, he will be able to change his password. To do this, an email will be sent to him to create a new password.

The version 2 of the Stock buddy helps Bob to delve deeper into Stock market trading and he will be ready to do real stock market trading after using the version 2 of Stock buddy.