**Planning Document**

**Use Case – Demonstration of Portfolio Management**

**Scope**

* Registering into the system.
* Buying and Selling the stocks.
* Managing fund transfer.

**Level**

* User Goal

**Primary Actor**

* Any user interested in registering the application, buying and selling stocks, etc

**Stakeholders and Interest**

* Any user interested in building and managing Portfolios.

**Pre-Conditions**

* Availability of stocks to buy from
* Availability of sufficient funds to buy stocks
* Existence of a Bank account

**Success Guarantee- Post Conditions**

* User will be able to register into the application.
* User is presented with the application view which allows to buy stocks, sell stocks, view stock performances in a given day, manage the portfolio, and able to make fund transfer between the bank account and the brokerage or trading account.

**Main Success Scenario (Basic Flow)**

* User is able to create an account by providing the required details such as user name,password,e-mail id, phone number etc.
* User is able to see the dashboard containing a lot of functions.
* User is able to transfer the money from his/her bank account into the system.
* User is able to see the available stocks and their prices by querying into the database.
* User can buy number of stocks, which will reflect in the portfolio and which will result change of balance available in the account.
* User can sell the number of stocks, which will reflect in the portfolio and which will result increase in the balance amount.
* User can make fund transfer from trading account to his/her Bank account.

**Extensions (Alternative Flow)**

* Registered user should be able to cancel the operation of buying or selling stocks in which case the operation is atomic.