

# **“TRADE MONITORING”**

## **Iteration-2**

By

### **GROUP-8**

Ashok Yaganti (68)

Venkata Sasidhar Kanumuri (35)

Mohamed Gharibi (23)

Yatheeswara Reddy Pulicherla (52)

Under the esteemed guidance of

**Dr. LEE**



# **INDEX**

## **1. Introduction**

- 1.1 Requirements Specification.
- 1.2 Software Interface
- 1.3 Non Functional Requirements
  - 1.3.1 Performance
  - 1.3.2 Reliability
  - 1.3.3 Availability
  - 1.3.4 Security
  - 1.3.5. Maintainability
  - 1.3.6. Portability
  - 1.3.7. Design Constraints

## **2. Objectives/Features**

- 2.1 Existing System
- 2.2 Proposed System

## **3. Import Existing Services/API**

## **4. Detail Design of Services**

- 4.1 Wireframes and Mockups.
- 4.2 Architecture Diagram
- 4.3. Class Diagram
- 4.4. Sequence Diagram
- 4.5. Activity Diagram
- 4.6. State Chart Diagram
- 4.7. Use case Diagram and description

## **5. Testing (using tools)**

- 5.1 Unit Testing
- 5.2 Performance Testing

5.3 A/B Testing

## **6. Implementation**

6.1 Server side Implementation

6.2. Client Side Implementation

6.3 Mobile Client Implementation

## **7. Deployment**

## **8. Report**

8.1 Implementation results

8.2. Test results

## **9. Project Management**

9.1 Work Completed

9.2 Work to be completed

## **10. Bibliography**

## **1. Introduction:**

Trade Monitoring website started when an idea came that we could make a website to make the stock marketing easier and faster. Moreover, this website serves many people to buy and sell shares online with no need to go or visit the real company.

Our website allows many people around the world to communicate and do their trading through our website.

### **1.1. Requirements Specification:**

- Trade Monitoring system requires the database to store the company's stock details and users account details and also past market details.
- Trade Monitoring system requires the external web services like Stock quotes, Stock Ticker and Finance charts.
- System should be user friendly and maintains all the stock information, payments and user accounts.

### **1.2. Software Interface**

- **Client:** Web Browser, Android APP.
- **Framework :**Ionic Framework, Microsoft Visual studio 2010.
- **Data Base Server:** Mongo LAB and SQL Server 2008.

### **1.3. Non Functional Requirements:**

#### **1.3.1 Performance:**

Performance is always a programming issue not related to any physical or hardware part of the system. Since we have gathered every piece of information is needed for the development and performance orientation.

#### **1.3.2 Reliability:**

Since the application is being developed through web server pages which are from the family of ASP.NET, Angular JS, Bootstrap the most famous efficient and reliable languages, so it is reliable in every aspect until and unless there is an error in the programming side. Thus the application can be a compatible and reliable one.

#### **1.3.3 Availability:**

Making all the components available to the authenticated user is the major responsibility of the developer. Thus care should be taken in order to ensure the perfect available measures at times when needed.

#### **1.3.4 Security:**

Making all the components available to the authenticated user is the major responsibility of the developer. Thus care should be taken in order to ensure the perfect available measures at times when needed.

#### **1.3.5. Maintainability:**

The main aim of any application is to save the data efficiently and its perfect maintenance avoiding the mistakes. This application can be able to provide such maintenance of data through its functional modules that has been generated.

#### **1.3.6. Portability:**

This System must be flexible such that user with basic background in using computers can quickly use the system and learn to use the project. The system must have a friendly user interface.

#### **1.3.7. Design Constraints:**

For using our website customers have to use the web site address and can login into the session. These constraints are related with the real world that the persons follow before the system has been installed. It is not often taken into consideration that the requirements that are not necessary in the project may be gathered but are neglected in the design.

## **2. Objectives and Features.**

### **2.1 Existing System.**

There are many websites and banks providing the trade marketing through online (Buy and sell shares online). Everyone has providing the good services but still some features need to be included in the existing system. So we have designed an application which provides all the features including existing and new features. The coming section we are going to explain about our new features.

### **2.2 Proposed System.**

There are many websites provides may be the same services (Buy and sell shares online) but why our website is different.? Because our standards and our website structure helps you a lot more than the other websites.

In designing our website, we kept in mind:

- The ease of using our website.
- How fast can you get what customers are looking for.
- Providing the preferred companies to buy and sell shares from them.
- Display the actions of a company for the last 15 years.
- No need to visit the real company either sign papers to complete operations.
- Providing the voice recognition service to run the application.
- Providing the 24\*7 customer services
- Providing the face to face customer services through appointments.

### **3. Import Existing Services/API**

We have used some existing API's in our application to get the latest stock quotes, stock Charts, trading historical data. The below mentioned API's we have used in our application.

1. <http://ichart.finance.yahoo.com/table.csv?s={0}&c={1}>
2. <http://finance.yahoo.com/d/quotes.csv?s=AAPL+ACH+BAB+DAL+DWSN+EXPE+FC+GYRO+HFWA+INFY+LAKE+NATI+OFC+PCTY+SAND+VTA+WPPGY+XLV+YHOO+YUM&f=snbaopl1>
3. <http://download.finance.yahoo.com/d/quotes.csv?s>
4. [http://download.finance.yahoo.com/d/quotes.csv?s=" + symbol + "&f=s1d1t1c1hgvybap2](http://download.finance.yahoo.com/d/quotes.csv?s=)
5. [http://ichart.finance.yahoo.com/w?s=" + symbol + "&" + rand\\_no](http://ichart.finance.yahoo.com/w?s=)

### **4. Detailed Design of services**

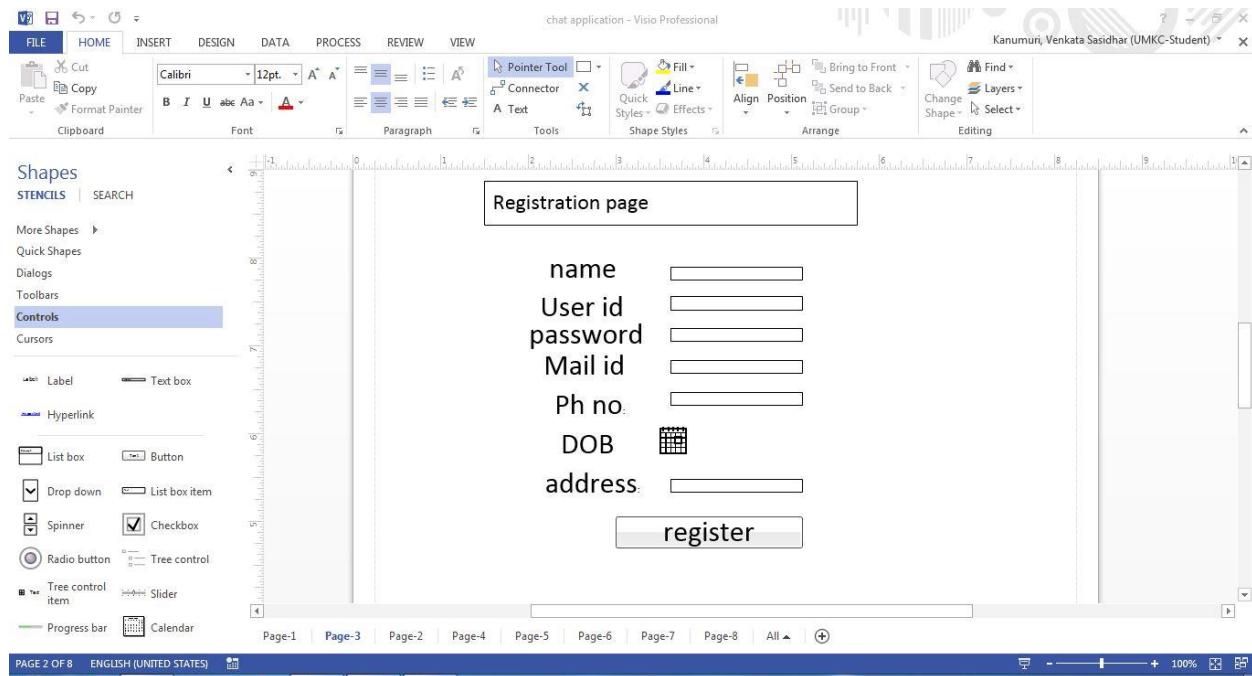
The SDD is a representation of a software system that is used as a interface to communicate software design information. This document contains description of the high level

architecture used to develop the system. Communicating at a high level, it will form the basis for the Software Detailed Design and implementation.

## 4.1 Mockups and Wireframes

**Wireframes:** Wireframes are like a prototype describes and evolves how the system design should be. In the designing phase first we will analyze the system design through mockups.

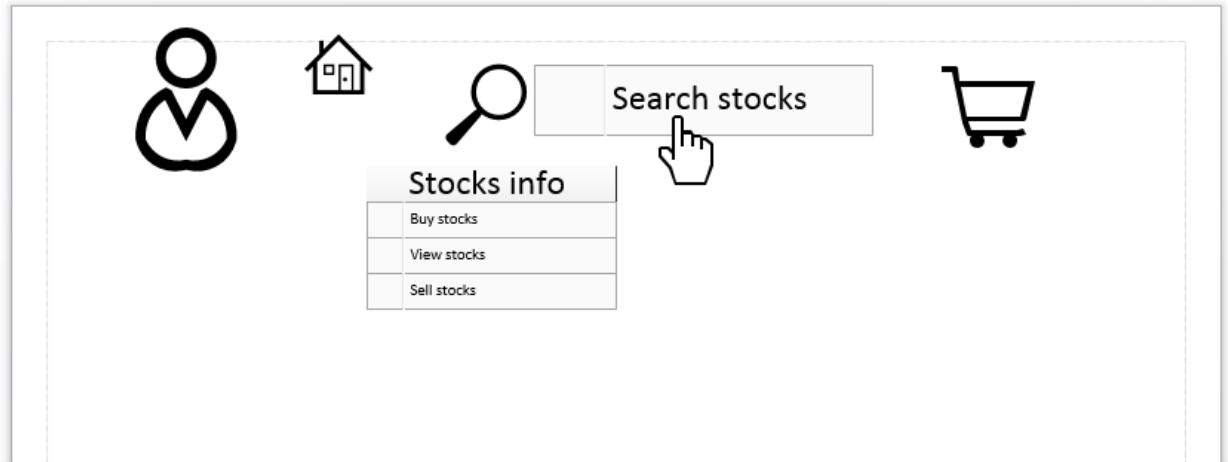
### 1. Registration.



### 2. Login.

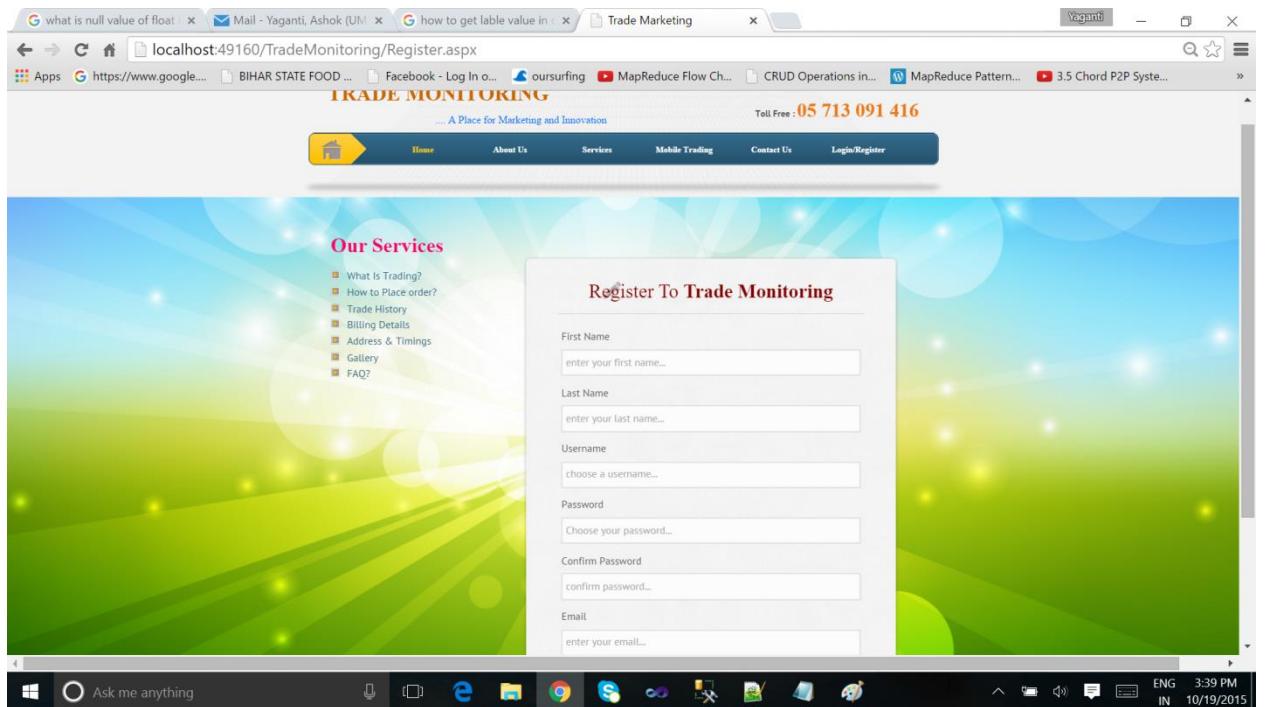


### 3. User Home Page.



**Mockups:** Mockups are the user interface diagrams created from Html, Html4, CSS, Bootstrap, and Angular JS.

#### 1. Registration Page :



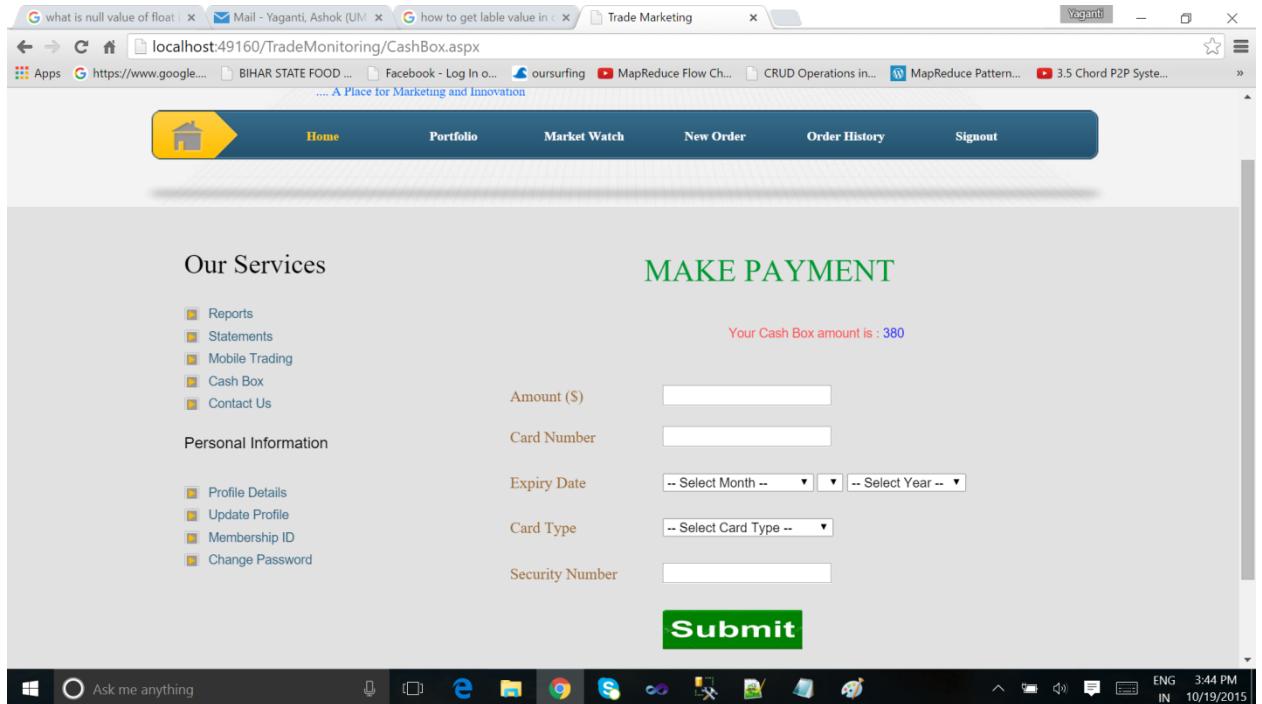
## 1. Payment screen.

The screenshot shows a web browser window with the URL [localhost:49160/TradeMonitoring/Continue.aspx](http://localhost:49160/TradeMonitoring/Continue.aspx). The page title is "TRADE MONITORING" and the subtitle is "... A Place for Marketing and Innovation". On the left, there is a sidebar titled "Our Services" with a list of links: "What Is Trading?", "How to Place order?", "Trade History", "Billing Details", "Address & Timings", "Gallery", and "FAQ?". On the right, there is a large form titled "MAKE PAYMENT" with fields for "Years Of Membership" (dropdown menu), "Total Amount (\$)" (text input), "Card Number" (text input), "Expiry Date" (dropdown menus for month and year), "Card Type" (dropdown menu), and "Security Number" (text input). A green "Submit" button is at the bottom. The browser's address bar shows the current URL. The taskbar at the bottom includes icons for various applications like File Explorer, Edge, and Google Chrome.

## 2. Login Page

The screenshot shows a web browser window with the URL [localhost:49160/TradeMonitoring/LoginPage.aspx](http://localhost:49160/TradeMonitoring/LoginPage.aspx). The page title is "TRADE MONITORING" and the subtitle is "... A Place for Marketing and Innovation". On the left, there is a sidebar titled "Our Services" with the same list of links as the previous page. On the right, there is a form titled "LOGIN WITH" with fields for "User Name" and "Password". Below these fields are "Forgot Password?" and "LOGIN" buttons. At the bottom of the form is a blue "REGISTER NOW!" button with a yellow arrow icon. The browser's address bar shows the current URL. The taskbar at the bottom includes icons for various applications like File Explorer, Edge, and Google Chrome.

### 3. Cash Box Page.(It will stores the user money)



## 3.2 Architecture Diagram.

This aims at decomposing the entire project into many modules, concurrent processes and data which will help in developing the software easily. A top level description of Project will be given, dividing it into its modules and explain their relation. The modules in the system contain public methods that run parallel processes and use data that has been modified during the system's active life period.

A module is a well-defined subsystem that is useful in various applications. Each module has a well-defined purpose. The modules can be individually compiled and can be stored individually in a library. These are easier to build. The entire project is decomposed into 3 modules.

- **Front module (GUI):**

This module basically provides a graphical interface for those who cannot work with command line based applications.

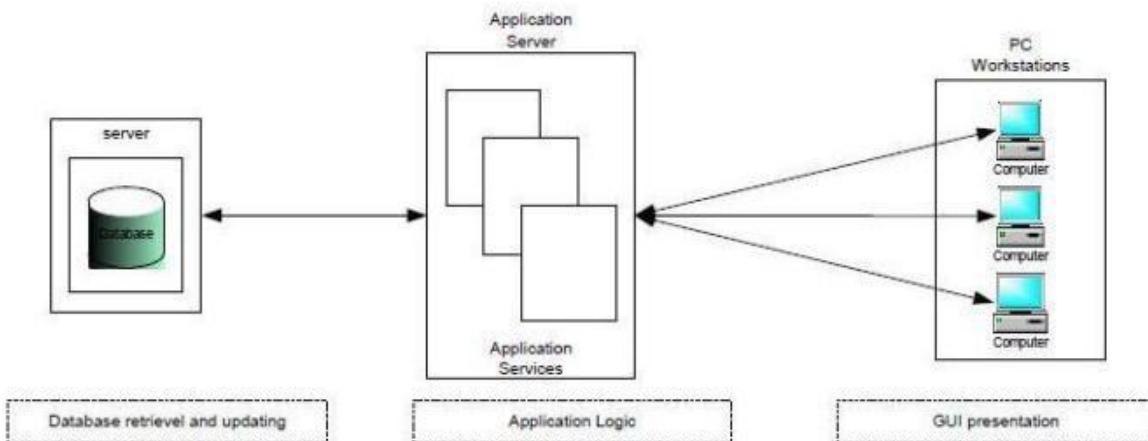
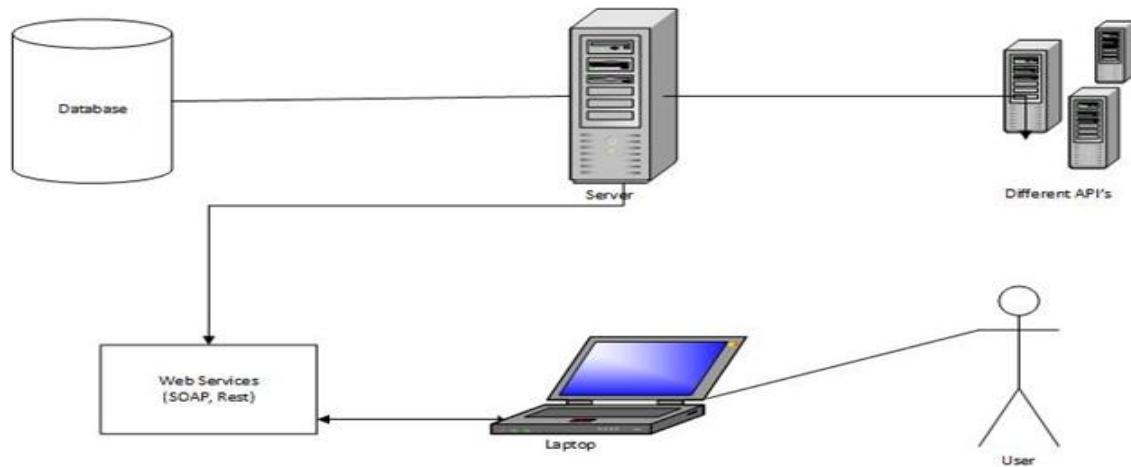
- **Database module:**

This module provides the main functionality for the information management system.

- **Middle module:**

This module provides a connection between the front and the business tier. It includes a request module and is as an interface that can be used by the front-tier

- **Business module:** This module contains all the functionalities that validate, update and control the data entering into the database. Also this module is responsible to validate user.



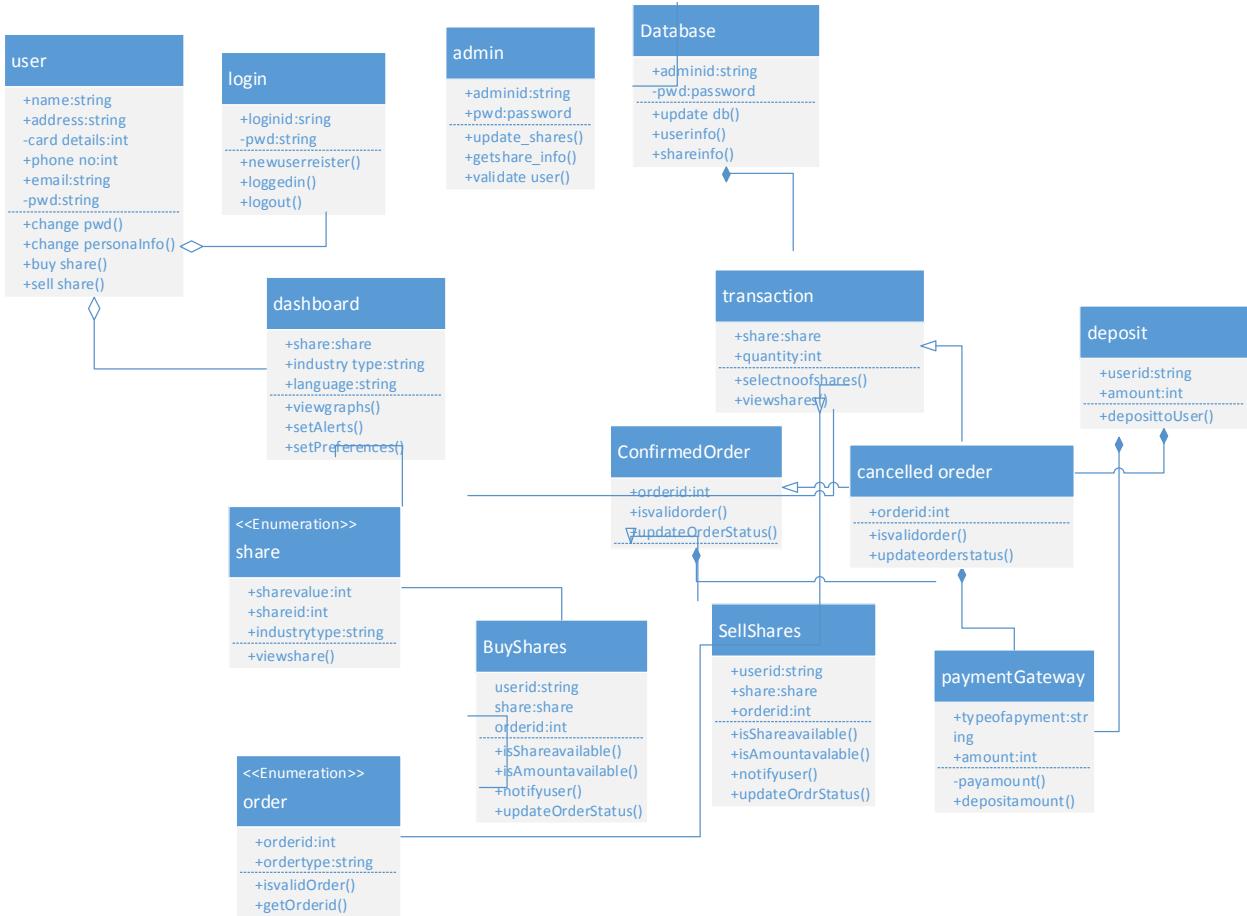
### **4.3. Class Diagram**

Used to represent various classes present in the system and relationships between them. Gives clear picture of the system and communications between classes present in the system.

- In this system User or the investor enters the system, if the user enters the site for the first time he/she has to Register with the system
- Then the Admin provides login details for the user after successful registration.
- Now the user can login with the system with his login credentials.
- Here he can view the shares of companies and view share values, analyze the shares.
- Then the user can buy or sell shares and make payments through Payment gateway.
- He can check if quantity of shares is available or not. If the user wishes to cancel the order he can or else continue to checkout.
- After buying or selling shares the user can continue to view shares or logout of the system.

Here is a list of classes involved and the diagram below represents the relationships involved between them.

- User
- Login
- Share
- Order
- Transaction
- Admin
- Database
- Buy shares
- Sell shares
- Payment gateway
- Confirm order
- Cancelled order
- Deposit



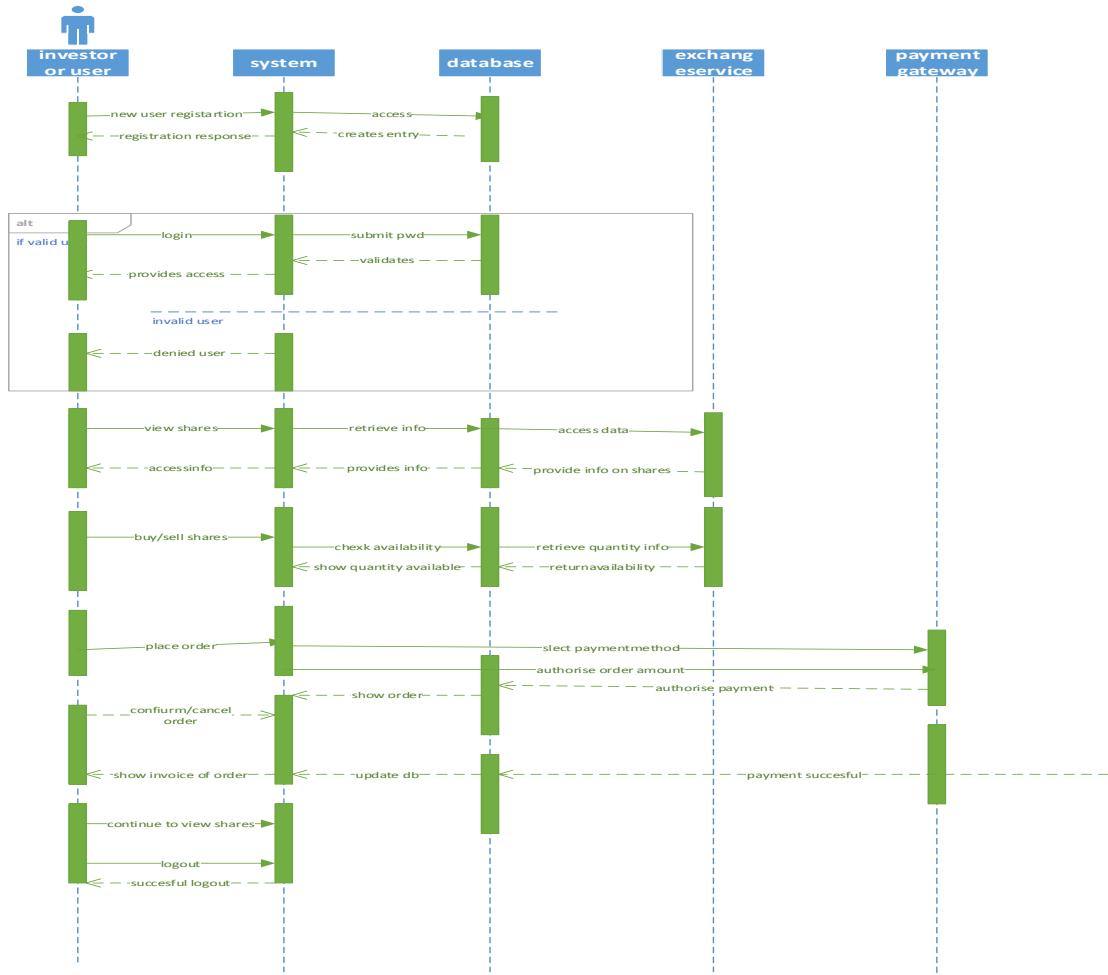
## 4.4. Sequence Diagram

This diagram shows the interactions between various objects present in the system. The entire set of communications is represented by using messages with respect time.

This system contains the following objects

- User or the investor
- System
- Database
- Exchange service
- Payment gateway
- The user retrieves the share information from the exchange service provided in the system in the form of graphs, the messages between them is represented by the diagram

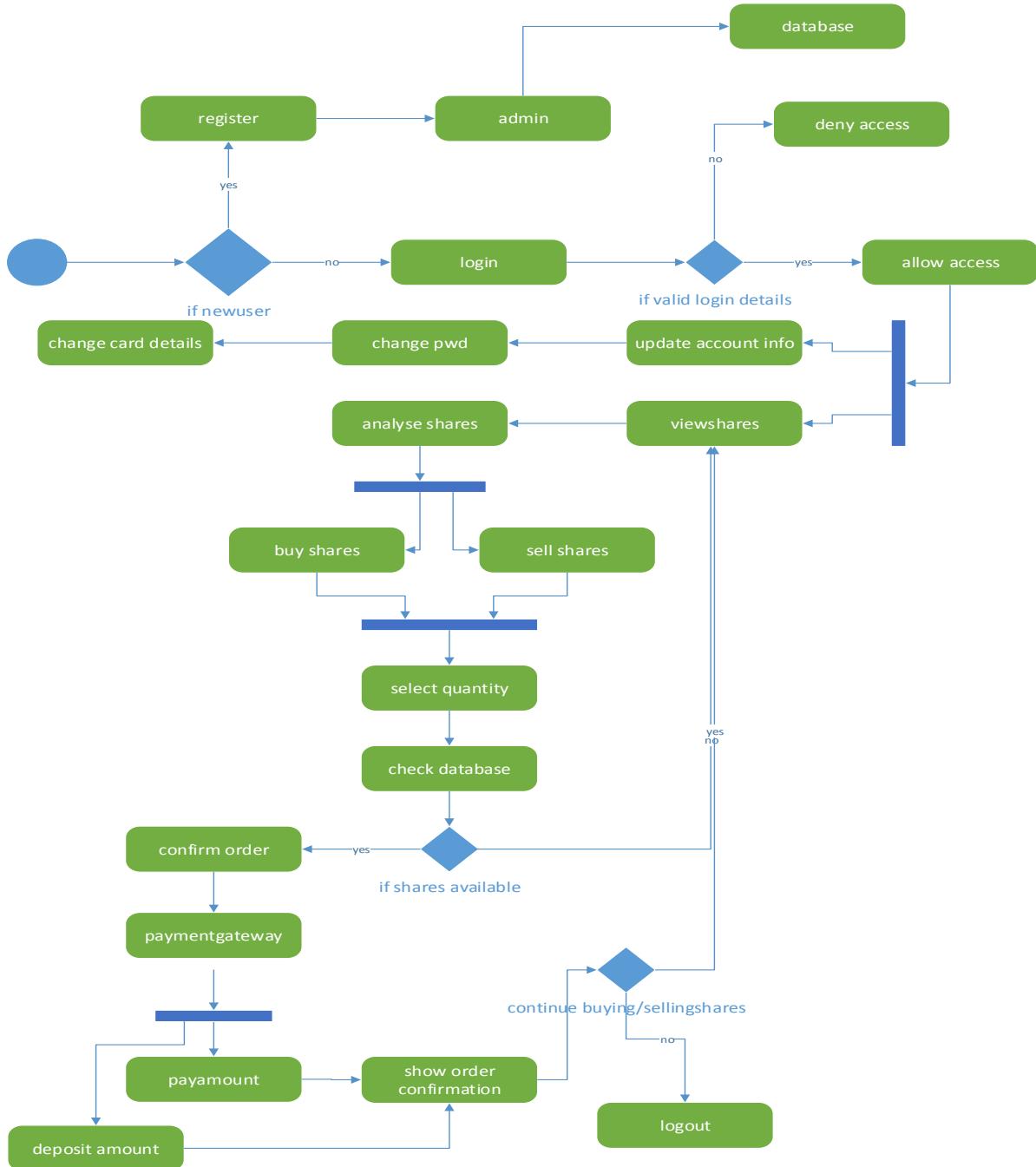
below



## 4.5. Activity Diagram

This diagram shows the flow of activities involved in the system i.e.; entire workflow of the activities can be determined in this activity diagram.

The following diagram gives the entire representation of the workflow of our trade monitoring system



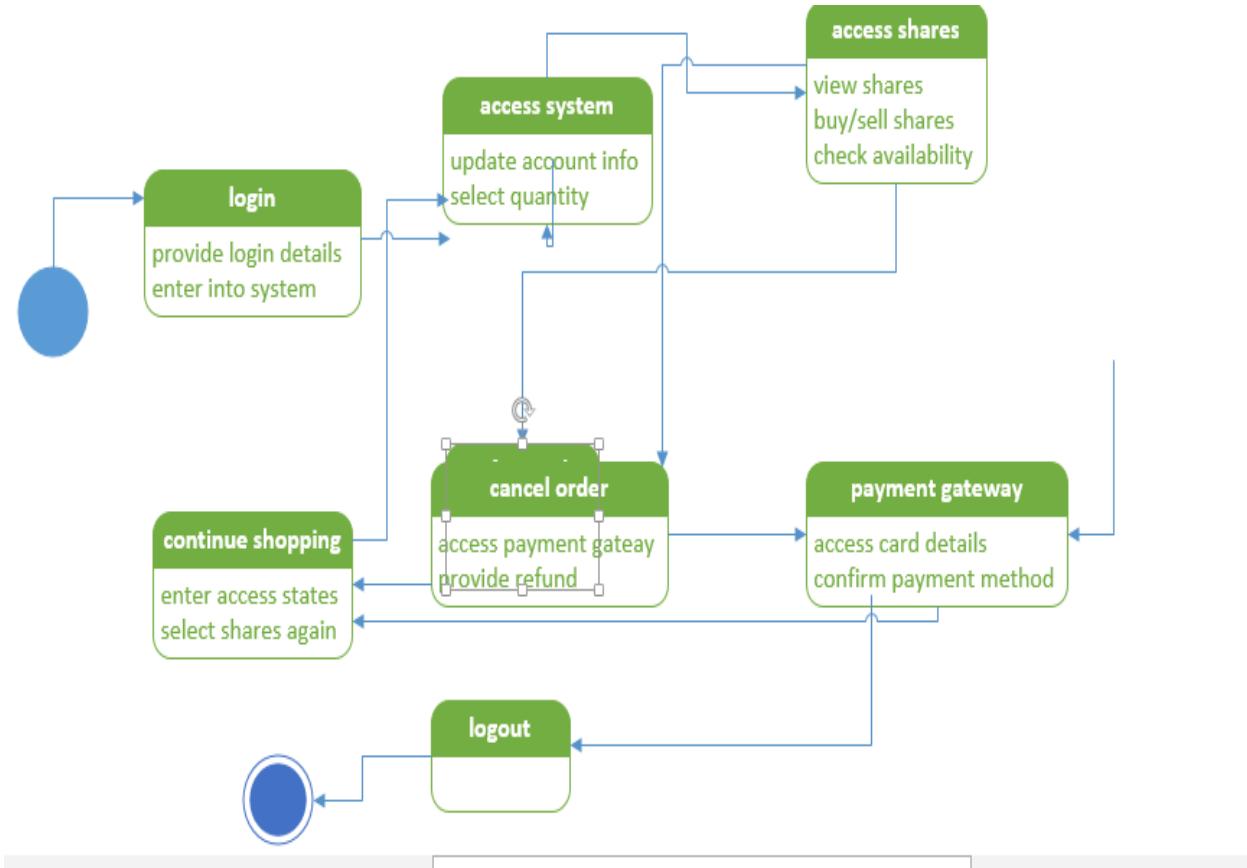
## 4.6. State Chart Diagram

This diagram represents the behavior of the system and describes various states present in the system.

The states involved in this system are represented in the following diagram

- Login

- Access system
- Access shares
- Continue shopping
- Cancel order
- Payment gateway
- Logout



## 4.7. Use Case Diagram

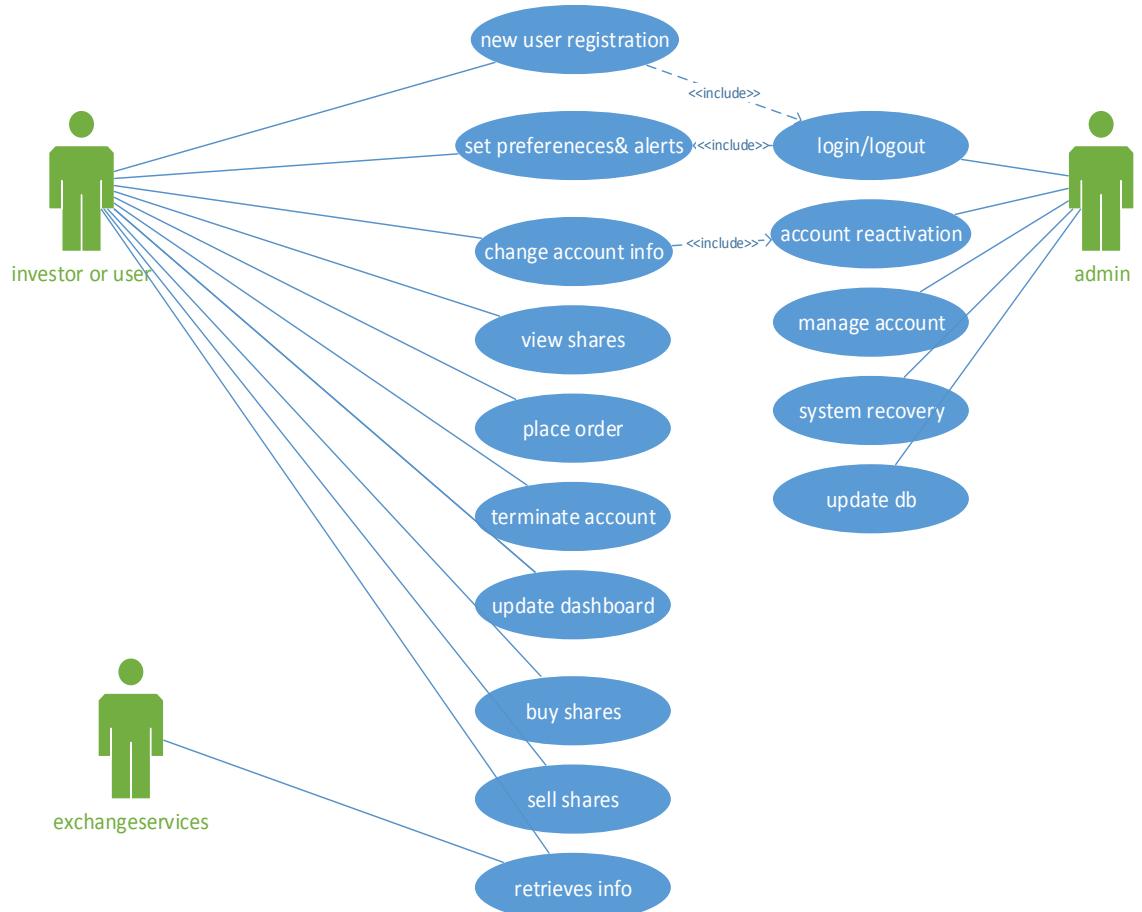
Use case diagram is the structure diagram which shows the communications among the use cases, actors in the system. Use cases are the elements present in the system

Actors involved are

- User
- Admin
- Exchange service

Use cases involved are

- New user registration
- Set preferences alerts
- Change account info
- View shares
- Login/logout
- Account reactivation
- Manage account
- System recovery
- Terminate account
- Retrieve amount
- Update database
- Place order
- View shares
- Sell shares
- Buy shares



## 5. Testing

### 5.1. Unit Testing

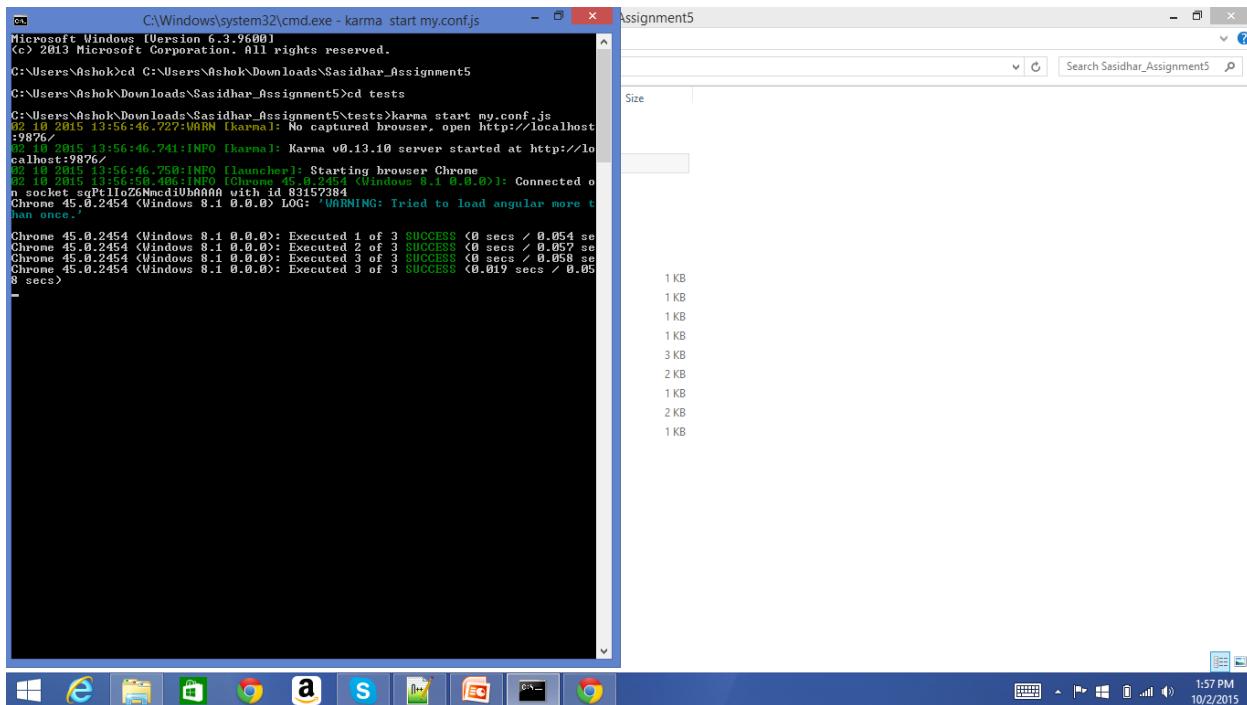
As the name indicates, the software or the system built is fragmented into small parts called as “units”. Where unit is like atom i.e.; smallest undividable part of the system or the software. Sometimes unit may be an entire module which is a main part of the system.

Unit testing facilitates the following advantages during the development of a system:

- Early detection of problems in the system
- Facilitates the changes to be made in the code as per customer requirements
- With unit testing Integration testing is easier
- Unit testing provides documentation for the developers
- The user interface part can be designed more effectively with unit testing.

Traditional Unit test cases consists of methods without parameters whereas Parameterized Unit test cases take parameters as functions and can be used for effective testing

**Limitation:** Unit testing does not allow identifying each and every bug in the system.



The screenshot shows a Windows desktop environment. On the left, a command prompt window titled 'C:\Windows\system32\cmd.exe - karma start my.conf.js' is open, displaying log output from Karma. The log shows Karma starting a server at http://localhost:9876, launching a Chrome browser, and executing three tests successfully. On the right, a file explorer window titled 'Assignment5' is open, showing a folder structure with files named '1 KB', '1 KB', '1 KB', '1 KB', '3 KB', '2 KB', '1 KB', '2 KB', and '1 KB'. The taskbar at the bottom shows various pinned icons, and the system tray indicates the date and time as 10/2/2015 at 1:57 PM.

```
C:\Windows\system32\cmd.exe - karma start my.conf.js
Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\Ashok>cd C:\Users\Ashok\Downloads\Sasidhar_Assignment5
C:\Users\Ashok\Downloads\Sasidhar_Assignment5>cd tests
C:\Users\Ashok\Downloads\Sasidhar_Assignment5\tests>karma start my.conf.js
10 10 2015 13:56:46.722:WARN [karma]: No captured browser, open http://localhost:9876/
10 10 2015 13:56:46.741:INFO [karma]: Karma v0.13.10 server started at http://localhost:9876/
10 10 2015 13:56:46.750:INFO [launcher]: Starting browser Chrome
10 10 2015 13:56:50.486:INFO [Chrome 45.0.2454 (Windows 8.1 0.0.0)]: Connected on socket sgPtlloz6NmndiU9AAA with id 83157384
Chrome 45.0.2454 (Windows 8.1 0.0.0) LOG: 'WARNING: Tried to load angular more than once.'
Chrome 45.0.2454 (Windows 8.1 0.0.0): Executed 1 of 3 SUCCESS <0 secs / 0.054 sec>
Chrome 45.0.2454 (Windows 8.1 0.0.0): Executed 2 of 3 SUCCESS <0 secs / 0.057 sec>
Chrome 45.0.2454 (Windows 8.1 0.0.0): Executed 3 of 3 SUCCESS <0 secs / 0.058 sec>
Chrome 45.0.2454 (Windows 8.1 0.0.0): Executed 3 of 3 SUCCESS <0.019 secs / 0.058 sec>
```

## 5.2 Performance Testing

Performance testing is most likely used to determine the Performance of the system in every aspect.

Types of Performance testing:

- **Load Testing:** Here the maximum capacity or the bottlenecks of the system are determined in terms of server load etc.
- **Stress Testing:** Gives an idea on the boundaries of the system
- **Soak Testing:** This is done to determine if the system can persist continuous load as expected to.
- **Spike Testing:** In this testing the load of the system is suddenly increased to determine the performance.
- **Configuration Testing:** These tests are most likely to determine the configuration changes made
- **Isolation Testing:** This refers to retesting the system where fault occurs

Some of the performance goals include:

- Maximize throughput
- Reduce Server response time
- Reduce Render response time

## Performance testing Results

### 1. Performance Testing on Login Page

The screenshot shows a browser window with multiple tabs open. The active tab displays the results of a YSlow(V2) performance audit for a login page. The grade is 'Grade B' with an overall performance score of 88. The audit highlights several issues:

- A Make fewer HTTP requests**:
  - F Use a Content Delivery Network (CDN)
  - A Avoid empty src or href
  - F Add Expires headers
  - C Compress components with gzip
- A Put CSS at top**:
  - Address & Timings
  - Gallery
  - FAQ?

The audit also notes that decreasing the number of components on the page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Other ways mentioned include combining files, combining multiple scripts into one script, and combining multiple CSS files into one style sheet. The page itself features a 'TRADE MONITORING' header, a 'Toll Free : 05 713 091 416' contact number, and standard login/register buttons.

## 2. Components result.

The screenshot shows a web browser window displaying the 'TRADE MONITORING' tool. The main content area is titled 'Components' and states: 'The page has a total of 8 components and a total weight of 114.3K bytes'. Below this is a table with columns: TYPE, SIZE (KB), GZIP (KB), COOKIE RECEIVED (bytes), COOKIE SENT (bytes), HEADERS, URL, EXPIRES (Y/M/D), RESPONSE TIME (ms), ETAG, and ACTION. The table lists four components: doc (1), css (1), cssimage (5), and favicon (1). A note at the bottom left indicates that the \* type column indicates the component is loaded after window onload event, and ! denotes 1x1 pixels image that may be image beacon. The browser's address bar shows 'localhost:49160/TradeMonitoring/LoginPage.aspx'. The status bar at the bottom right shows '6:59 PM 10/19/2015'.

## 3. Statistics

The screenshot shows a web browser window displaying the 'TRADE MONITORING' tool. The main content area is titled 'Statistics' and states: 'The page has a total of 8 HTTP requests and a total weight of 114.3K bytes with empty cache'. Below this are two pie charts under the heading 'WEIGHT GRAPHS'. The left chart, 'Empty Cache', shows the distribution of file types: HTML/Text (7.6K), Stylesheet File (8.0K), CSS Image (97.4K), and Favicon (1.2K). The right chart, 'Primed Cache', shows the distribution of file types: HTML/Text (7.6K), Stylesheet File (0.0K), CSS Image (0.0K), and Favicon (1.2K). A note at the bottom left indicates that the \* type column indicates the component is loaded after window onload event, and ! denotes 1x1 pixels image that may be image beacon. The browser's address bar shows 'localhost:49160/TradeMonitoring/LoginPage.aspx'. The status bar at the bottom right shows '7:00 PM 10/19/2015'.

## 5.3 A/B Testing

This testing determines which design is the best fit for the system. This testing typically involves more clients or the user group of the system where the task of the clients is to grade the usability of the systems A and B.

- Based on the observations made from the clients the developers determine which design has to be finalized and the fields that require amendments are made based on the feedback of the user group.
- This is the prominent technique in the field of Business to improve the needs of the clients to attract more users into their Business

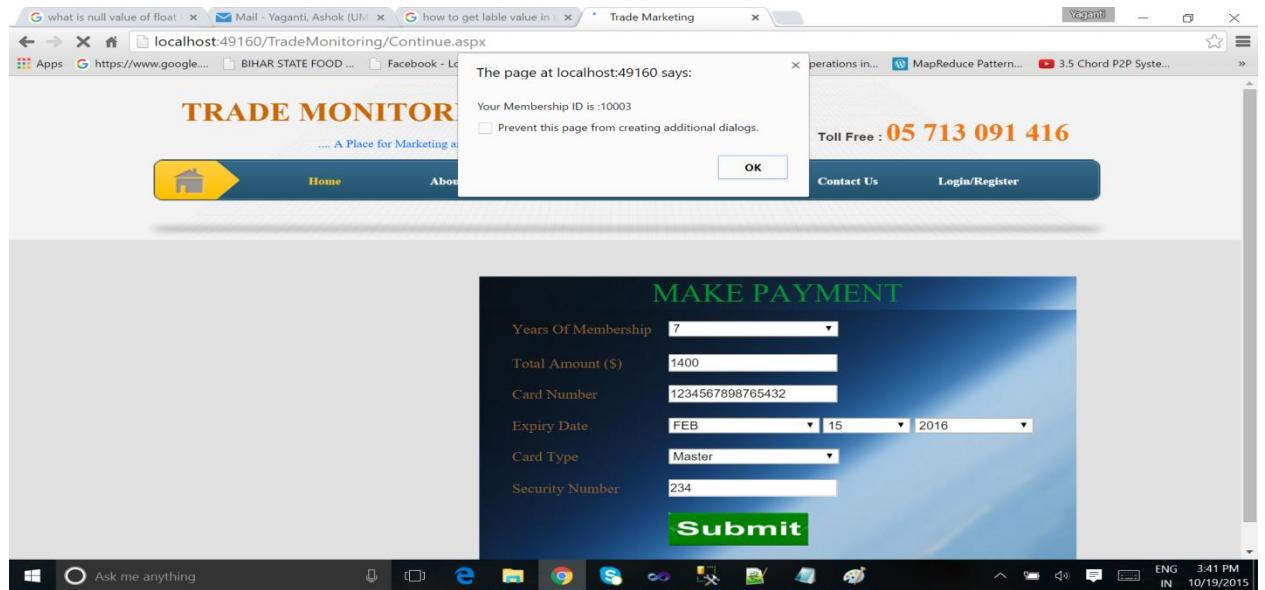
## 6. Implementation

### 6.1. Server side Implementation.

First, all the clients will be linked to our server for many reasons like authentication, storing profile information and applying the purchase. For that we have to create data access layer to manipulate the data and control it and display it so we used SQL server compact with MongoDB achieve that. For the application design code we used .ASP and AngularJS to link the code with the MongoDB data base.

#### Implementation results.

1. Registraton : In the below screen, if the user account was created, user will receive the membership id.



## 2. Profile (Displays the user profile details).

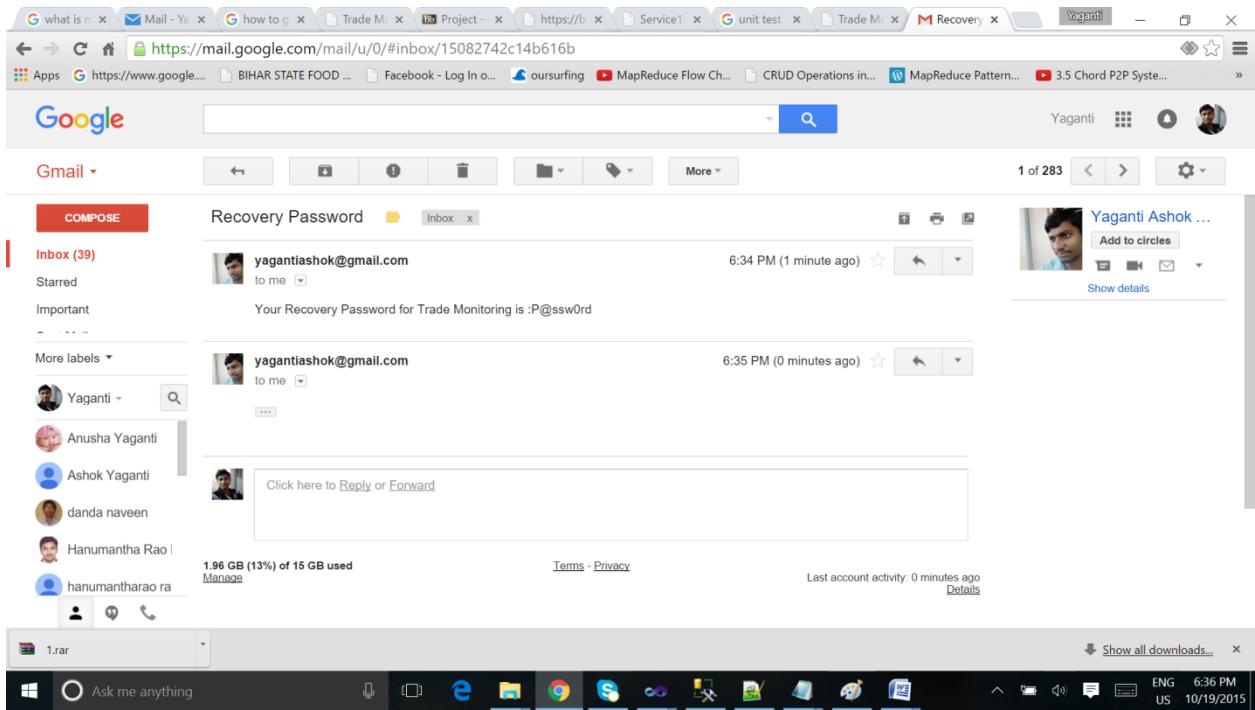
The screenshot shows a web browser window with multiple tabs open. The active tab displays the 'UserProfile.aspx' page of the 'Trade Monitoring' application. The page has a header with the title 'TRADE MONITORING' and a toll-free number '05 713 091 416'. Below the header is a navigation bar with links for Home, Portfolio, Market Watch, New Order, Order History, and Signout. A yellow arrow icon is on the left. The main content area is titled 'Our Services' and lists various trading options like Reports, Statements, Mobile Trading, Cash Box, and Contact Us. To the right, there is a section for 'Personal Information' displaying membership details: Membership ID (10002), Full Name (Ashok Yaganti), User Name (yaganti123), Email Address (dharmachakrayaganti@gmail.com), Phone Number (5713091416), and Joining Date (16-Oct-2015). There is also a placeholder for a profile picture with a 'Change profile Picture' link. At the bottom of the page, there is a footer with a 'Contact Us' and 'Login/Register' button. The Windows taskbar at the bottom shows various pinned icons and the date/time as 10/19/2015.

## 3. Recovery Password.

If user forgot his password and requests recovery password will sent the email.

The screenshot shows a web browser window with multiple tabs open. The active tab displays the 'Forgot.aspx' page of the 'Trade Monitoring' application. A modal dialog box is centered on the screen, stating 'The page at localhost:49160 says: Recovery Password has been sent to your email.' It includes an 'OK' button. The main content area is titled 'Password Recovery' and contains fields for 'Membership ID' (10002) and 'Email ID' (dharmachakrayaganti@gmail.com). A 'Get Password' button is located below these fields. The Windows taskbar at the bottom shows various pinned icons and the date/time as 10/19/2015.

#### 4. Recovery password Email.



#### 6.2. Client side implementation

For the client it is so important to have specific services he can does such as:

GET: clients should be able to get the information they require from the server side.

PUSH: clients should be able to upload information to server after updating it and retrieve it whenever they want.

ALLOC: clients should be able to allocate a memory buffer to store their information.

Clients will deal with dynamic HTML pages with css scripting language to achieve that.

## Implementation results.

### 1. Home Page.

The screenshot shows the homepage of the Trade Monitoring website. At the top, there's a header with the text "TRADE MONITORING" and "Toll Free : 05 713 091 416". Below the header, a banner features a bar chart on a computer screen with the text "What Is Trade Monitoring?". The main content area has sections for "Our Services" (with a list of links) and "Welcome to Trade Monitoring" (with a paragraph of text and a "Read more" button). Further down, there are sections for "Our Standards" (with a graph image and a paragraph of text) and "Why our Website?" (with a question mark icon and a paragraph of text). A "More..." button is located at the bottom of each of these sections. At the very bottom, there's a footer with the text "Copyright © 2048 Trade Monitoring @ trademonitoring.somee.com".

### 2. Login page.

The screenshot shows the login page of the Trade Monitoring website. The header is identical to the home page. The main content area features a "LOGIN WITH" section containing fields for "User Name" and "Password", a "Forgot Password?" link, and a "LOGIN" button. Below this is a "REGISTER NOW!" button. To the left of the login form, there's a "Our Services" sidebar with a list of links. The bottom of the page shows a standard Windows taskbar with various icons and system status information.

### 3. Place order (Here user can place the order to buy the shares).

The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays the 'TRADE MONITORING' website. On the left, there's a sidebar titled 'Our Services' with links like Reports, Statements, Mobile Trading, Cash Box, and Contact Us. Below it is a 'Personal Information' section with links for Profile Details, Update Profile, Membership ID, and Change Password. On the right, a large blue-bordered form titled 'Place New Order' is displayed. It includes fields for Symbol (set to EXPE), Company Name (EXPEDIA INC), Current Market Price (130.35), Available Shares (34), Quantity (12), Order Type (Limit), Price (From 120 To 125), and Validity (Day). A 'Place Order' button is at the bottom. The browser's taskbar at the bottom shows various pinned icons and the date/time (10/19/2015, 3:46 PM).

### 4. Forgot Password.

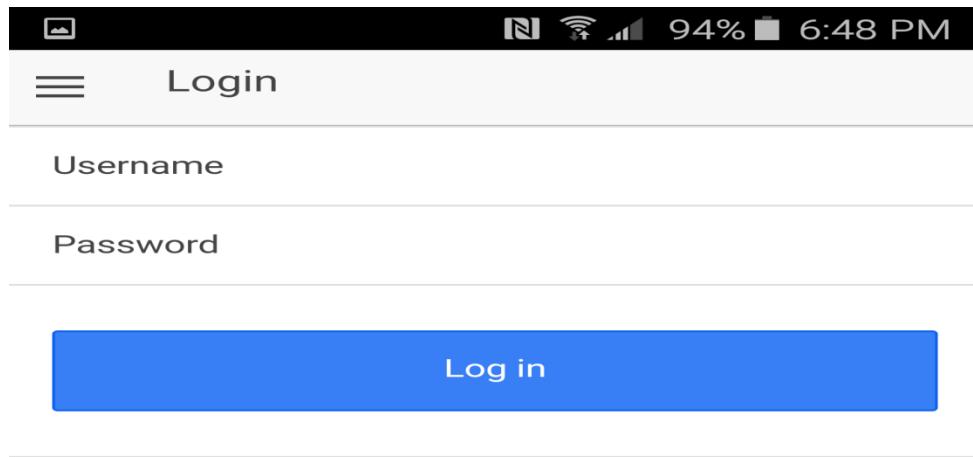
The screenshot shows a web browser window with multiple tabs open at the top. The main content area displays the 'TRADE MONITORING' website. On the left, there's a sidebar titled 'Our Services' with links like What Is Trading?, How to Place order?, Trade History, Billing Details, Address & Timings, Gallery, and FAQ?. On the right, a form titled 'Password Recovery' is displayed, asking for 'Membership ID' and 'Email ID', with a 'Get Password' button. The browser's taskbar at the bottom shows various pinned icons and the date/time (10/19/2015, 6:32 PM).

### **6.3. Android implementation**

Android in-app services provide straightforward interface to manage transactions like get and push requests and responses.

#### **Implementation Results:**

##### **1. Home Page.**



##### **2.**



94%



6:48 PM



## Login

Username

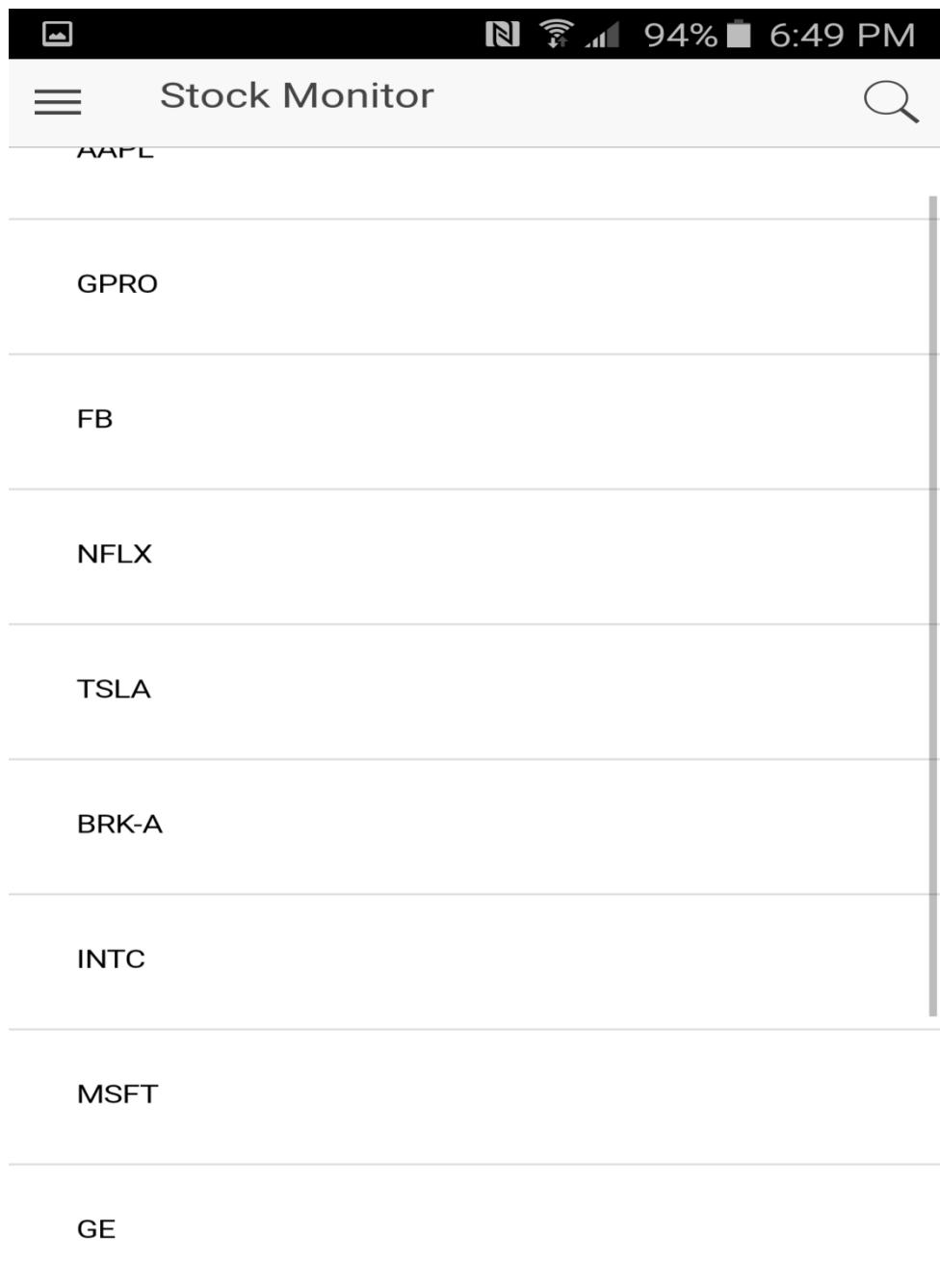
---

Password

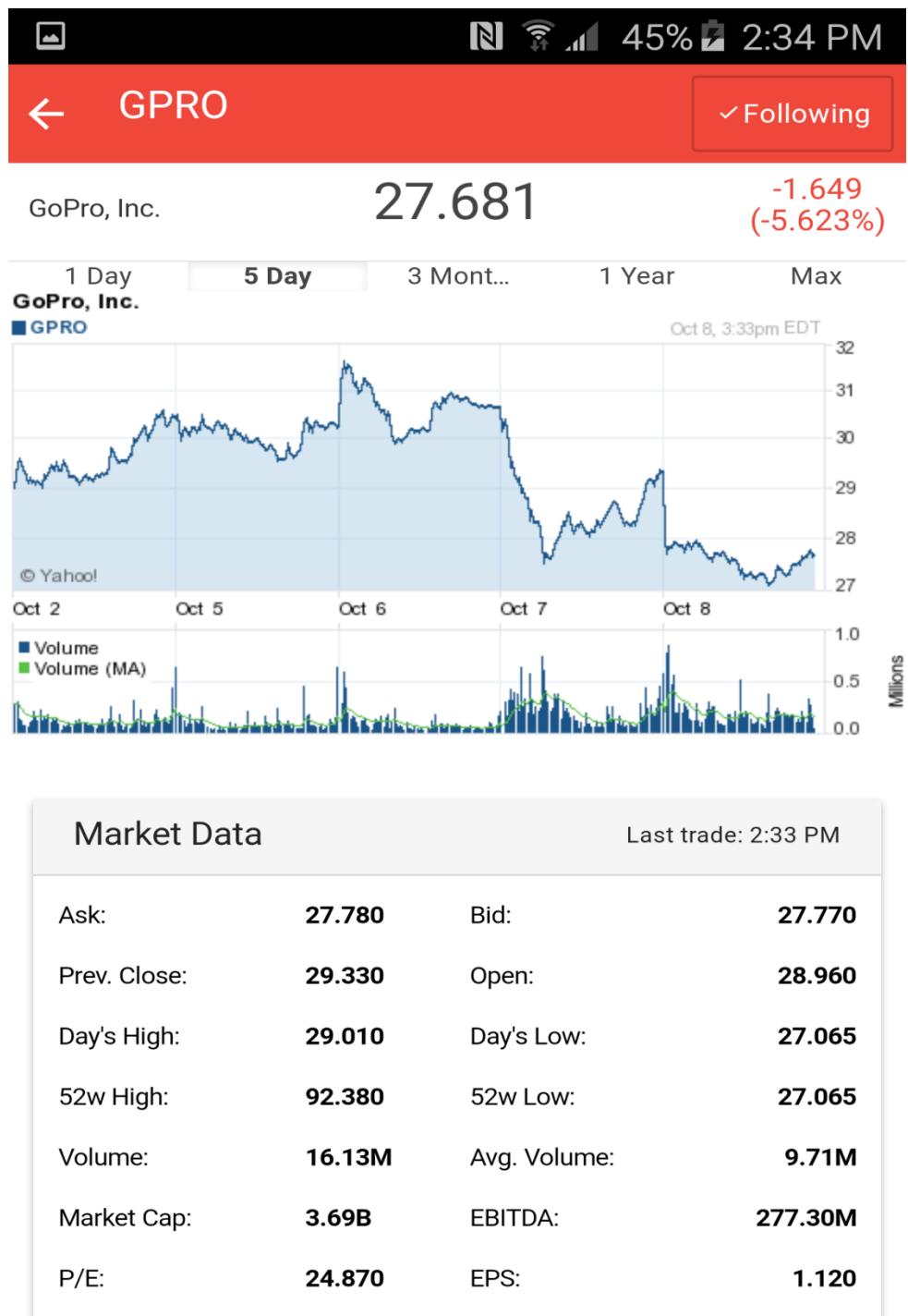
---

Log in

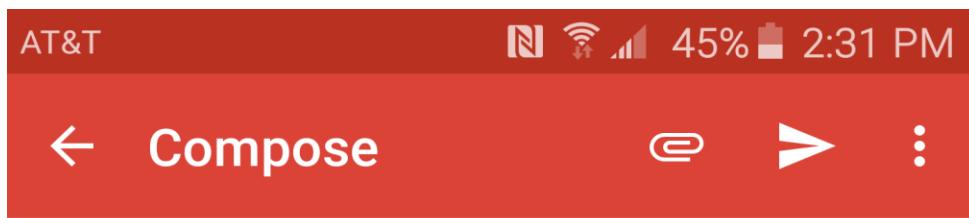
3. Stock Quotes page.



4. Stock chart:



5. Email Plugin



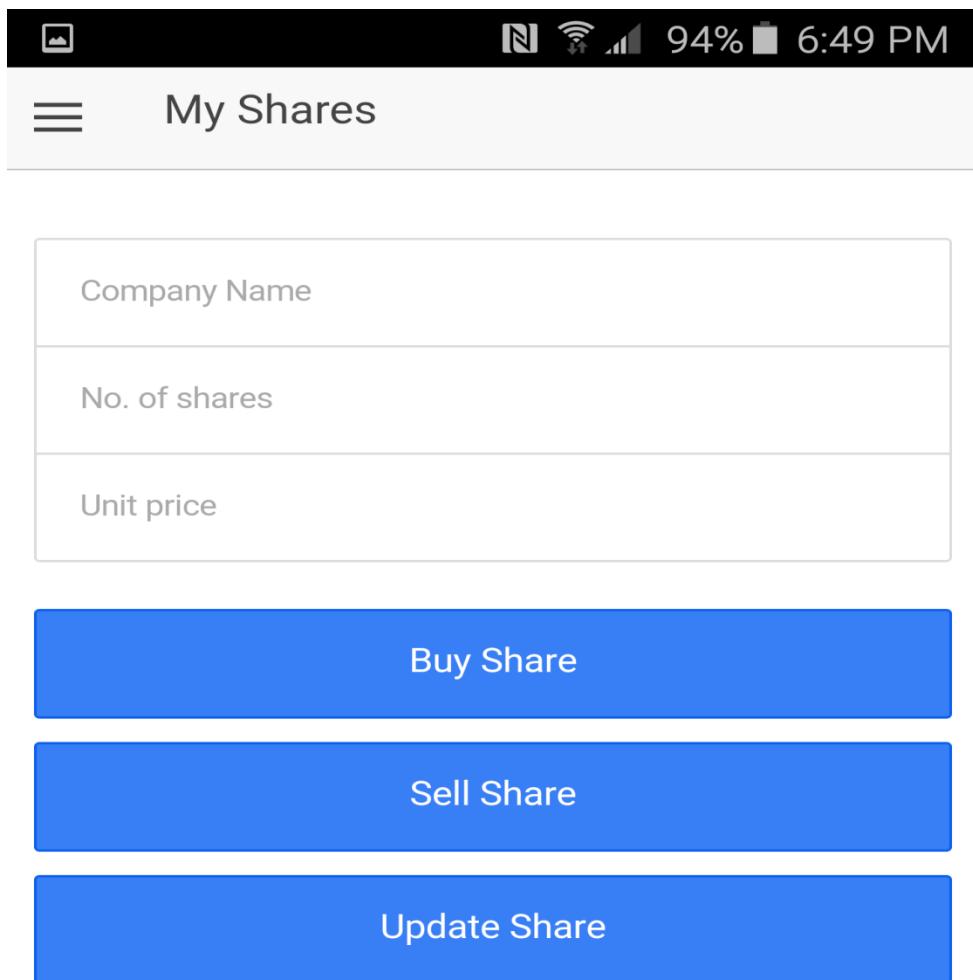
From yagantiashok@gmail.com

To  Sasidhar Kanumuri

Stock Monitor - Feed back

Compose email

6. StockInformation.



## **7. Deployment Summary**

We have deployed our project in Somee Deployment server and Github. Please find the URL for the deployed project.

Website URL : [www.trademonitoring.somee.com](http://www.trademonitoring.somee.com)

**GITHUB URL :**<https://github.com/AshokYaganti/ASE-Project/tree/master/ASE%20Project>

## **8. Reports.**

We are following the Agile process model. So every Iteration we will receive the additional requirements and changes will be made from all the phases starting from requirements phase to deployment phase. So for the 1st Iteration we have successfully completed during the period of 26th OCT 2015 to 19th OCT 2015.

Up to this Iteration we have completed the 50% of the project including all the phases in SDLC. During this phase we have redesigned UI, Implemented the backend functionality.

### **Implementation Results:**

1. **Home Page** (Home page gives the all information about our website. It gives the full clarification to the users who want to register in our website and have all the services we provide).

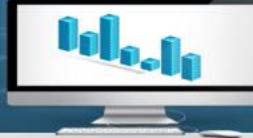
**TRADE MONITORING**

Toll Free : **05 713 091 416**

... A Place for Marketing and Innovation

Home    About Us    Services    Mobile Trading    Contact Us    Login/Register

**What Is Trade Monitoring?**



Trade Monitoring is an electronic system to act as a mediator between buyers and sellers. Users can buy the Shares and they can sell the shares whenever they want. When buying shares in a company, gives a small part of ownership in that company. The share value depend on the supply and demand of the stock. If the demand is more the share value gets increased. If the demand is less share value gets down. In our application we are going to create an application which provide a private service between buyers and sellers.

**Our Services**

[read more](#)

- What Is Trading?
- How to Place order?
- Trade History
- Billing Details
- Address & Timings
- Gallery
- FAQ?



*Trade Monitoring is a place where people can buy and sell the shares through online. The main purpose of this online service is to facilitate the exchange of shares between buyers and sellers. Shares are small pieces of a company. Shares can be bought by persons, companies etc.. So when buying shares in a company, the buyer owns a small part of that company. The share value depend on the supply and demand of the stock. If the demand is more the share value gets increased. If the demand is less share value gets down.*

[More...](#)

**Our Standards**



*In order to fulfill the customers' needs we provide specific standards so that the customer will be satisfied after using our website.*

**Why our Website?**



*There are many websites provides may be the same services (Buy and sell shares online) but why our website is different?*

- It is our responsibility to protect your data.
- You do not need to sign any papers for buying or selling shares.

[More...](#)

Copyright © 2048 Trade Monitoring @ [trademonitoring.somee.com](http://trademonitoring.somee.com)

## 2. Pages that consists of website information.

Google what is null value of float Mail - Yaganti, Ashok (UM) Google how to get table value in ... Trade Marketing Vaganti

localhost:49160/TradeMonitoring/aboutus.aspx

**TRADE MONITORING**

... A Place for Marketing and Innovation

Home    About Us    Services    Mobile Trading    Contact Us    Login/Register

**About us**

Stock marketing website started when an idea came that we could make a website to make the stock marketing easier and faster. Moreover, this website serves many people to buy and sell shares online with no need to go or visit the real company. Our website allows many people around the world to communicate and do their trading through our website.

**Co-founders of Trading market:**

- Ashok Yaganti
- Mohamed Gharibi
- VenkataSasidharKanumuri
- Yatheeswara Reddy Pulicherla

Ask me anything 3:34 PM ENG IN 10/19/2015

what is null value of float | Mail - Yaganti, Ashok (UM) | how to get lable value in | Trade Marketing

localhost:49160/TradeMonitoring/placeorder.aspx

**TRADE MONITORING**

.... A Place for Marketing and Innovation

Toll Free : **05 713 091 416**

**Home** **About Us** **Services** **Mobile Trading** **Contact Us** **Login/Register**

**Our Services**

**How To Place Order?**

In order to place an order to buy shares, you have to choices:

**First:** If you want to buy a share you can do that immediately. Money will be deducted from your account and the shares you bought will be added to your account as soon as you pay money for the shares. Also for buying a share you have to agree all the conditions about buying a share so that whenever you bought a share you cannot take your money back and cancel the whole payment. As you know, the stock shares price is keep changing.

**Second:** you can place an order with a condition such as, if the price of the share reaches 5 \$ I want to buy 10 shares. So whenever the price of share reaches 5 \$ the money for 10 shares will be deducted from your account and the shares will be added to your account. If the share price did not reach 5 \$ the operation will not take place and you still can cancel it.

In order to place an order to sell shares, you have to choices too:

**First:** If you want to sell a share you can do that immediately. Money will be added to your account and the shares you sold will be deducted from your account as soon as you receive money for the shares. Also for selling a share you have to agree all the conditions about selling a share so that whenever you sold a share you cannot cancel it. As you know, the stock shares price is keep changing.

Ask me anything

ENG 3:36 PM IN 10/19/2015

what is null value of float | Mail - Yaganti, Ashok (UM) | how to get lable value in | Trade Marketing

localhost:49160/TradeMonitoring/contact.aspx

**TRADE MONITORING**

.... A Place for Marketing and Innovation

Toll Free : **05 713 091 416**

**Home** **About Us** **Services** **Mobile Trading** **Contact Us** **Login/Register**

**Our Services**

**CONTACT DETAILS**

For Any Queries???????????



**Ashok Yaganti**  
Ph.No. (571)309-1416

**Venkata Sasidhar**  
Ph.No. +1 (816)726-5973

**Yateeshwara Reddy**  
Ph.No. +1 (816)223-9377

**Mohamed Gharibi**  
Ph.No. +1 (913)850-1395

Ask me anything

ENG 3:35 PM IN 10/19/2015

Screenshot of a web browser showing the "TRADE MONITORING" website at localhost:49160/TradeMonitoring/faq.aspx.

The page features a header with the title "TRADE MONITORING" and a subtitle "... A Place for Marketing and Innovation". It includes a toll-free number "05 713 091 416" and a navigation menu with links for Home, About Us, Services, Mobile Trading, Contact Us, and Login/Register.

**Our Services**

- What Is Trading?
- How to Place order?
- Trade History
- Billing Details
- Address & Timings
- Gallery
- FAQ?

**FAQ:**

1. **What is this website about?**

This website to help you to buy or sell shares. It will make it easier to you to search all stock companies and browse the prices of each company stock shares. Finally, you can buy or sell your shares through this website in an easier way.
2. **How can I get started?**

First of all, you need to register and create an account in our website and after that you need to deposit amount of money so that you can buy shares you want. To know more about how to create an account or what do you need to create an account in our website, you can visit the registration page.
3. **How much of money should I start with?**

There is no limited amount of money you can start with. But you have to deposit money at least as the same share you want to buy. Otherwise, you cannot buy any share.
4. **What shares should I buy?**

Actually, this is up to you but you can help you to find best trade companies and you can browse through our website to check the prices of each company and how much are you are

Windows taskbar at the bottom shows various pinned icons and the date/time: ENG 3:37 PM IN 10/19/2015.

Screenshot of a web browser showing the "TRADE MONITORING" website at localhost:49160/TradeMonitoring/Album.aspx.

The page features a header with the title "TRADE MONITORING" and a subtitle "... A Place for Marketing and Innovation". It includes a toll-free number "05 713 091 416" and a navigation menu with links for Home, About Us, Services, Mobile Trading, Contact Us, and Login/Register.

**Our Services**

- What Is Trading?
- How to Place order?
- Trade History
- Billing Details
- Address & Timings
- Gallery
- FAQ?



wiseGEEK

Windows taskbar at the bottom shows various pinned icons and the date/time: ENG 3:37 PM IN 10/19/2015.

The screenshot shows the homepage of the Trade Monitoring website. At the top, there is a navigation bar with links for Home, About Us, Services, Mobile Trading, Contact Us, and Login/Register. Below the navigation bar, there is a section titled "Our Services" which lists various services such as What Is Trading?, How to Place order?, Trade History, Billing Details, Address & Timings, Gallery, and FAQ?. To the right of this section, there is another "Our Services" section with a list of bullet points detailing the services provided by the website.

3. Registration Page ( Here users can register to the website, once registration and payment successful user will receive the membership ID number).

The screenshot shows the registration page of the Trade Monitoring website. The page features a large green and blue background with a sunburst pattern. On the left, there is a sidebar with a "Our Services" section containing a list of links. On the right, there is a form titled "Register To Trade Monitoring" with fields for First Name, Last Name, Username, Password, Confirm Password, and Email. The registration form is overlaid on the main content area.

what is null value of float x Mail - Yaganti, Ashok (UM) x how to get lable value in c x Trade Marketing x Yaganti

localhost:49160/TradeMonitoring/Continue.aspx

Apps G https://www.google.... BIHAR STATE FOOD ... Facebook - Log In o... oursurfing MapReduce Flow Ch... CRUD Operations in... MapReduce Pattern... 3.5 Chord P2P Syst...

## TRADE MONITORING

.... A Place for Marketing and Innovation

Toll Free : 05 713 091 416

Home About Us Services Mobile Trading Contact Us Login/Register

### Our Services

- What Is Trading?
- How to Place order?
- Trade History
- Billing Details
- Address & Timings
- Gallery
- FAQ?

### MAKE PAYMENT

Years Of Membership

Total Amount (\$)

Card Number

Expiry Date  -- Select Month --  -- Select Year --

Card Type  -- Select Card Type --

Security Number

**Submit**

Ask me anything ENG 3:40 PM IN 10/19/2015

what is null value of float x Mail - Yaganti, Ashok (UM) x how to get lable value in c x Trade Marketing x Yaganti

localhost:49160/TradeMonitoring/Continue.aspx

Apps G https://www.google.... BIHAR STATE FOOD ... Facebook - Log In o... oursurfing MapReduce Flow Ch... CRUD Operations in... MapReduce Pattern... 3.5 Chord P2P Syst...

## TRADE MONITOR

.... A Place for Marketing a

The page at localhost:49160 says:

Your Membership ID is :10003

Prevent this page from creating additional dialogs.

**OK**

Toll Free : 05 713 091 416

Contact Us Login/Register

### MAKE PAYMENT

Years Of Membership

Total Amount (\$)

Card Number

Expiry Date

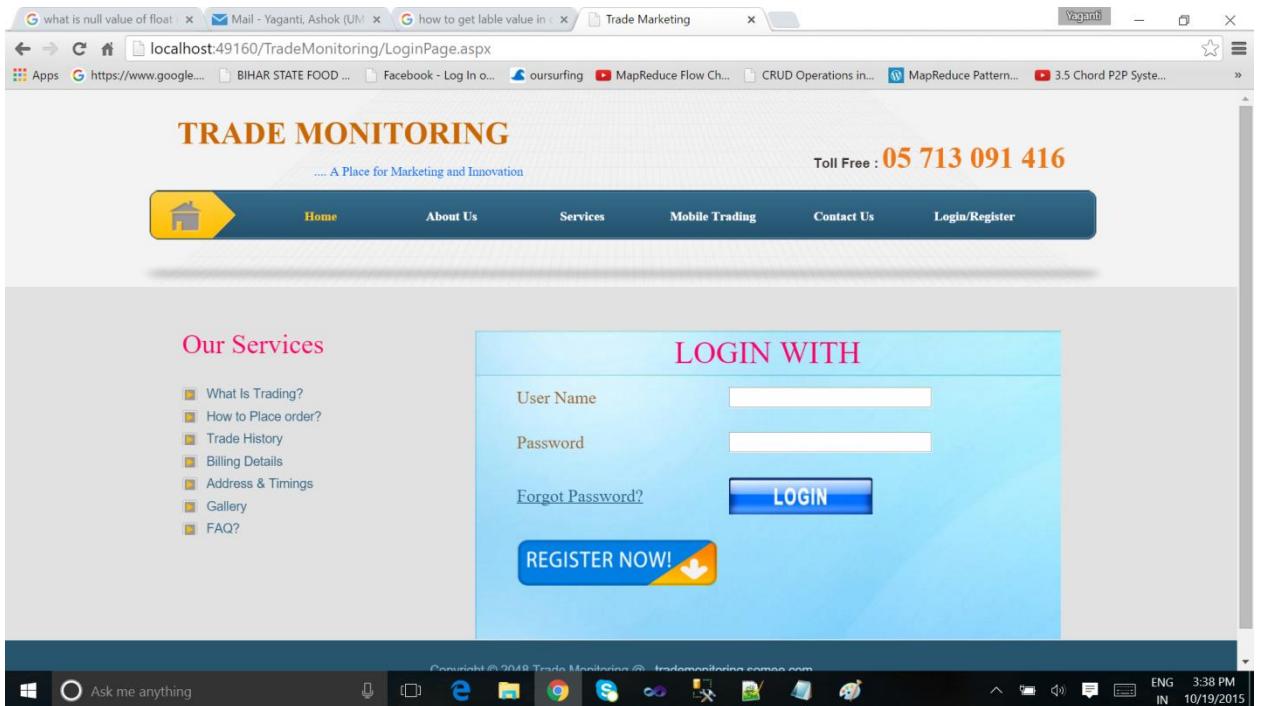
Card Type

Security Number

**Submit**

Ask me anything ENG 3:41 PM IN 10/19/2015

4. Login page ( Here user can login with the user name and password)



5. User Home Page (Once user login he can see the home page with all tabs to work on it).



6. Cash Box. (Here user can save the money. If money is available user can buy the shares. Otherwise the user can't).

**Our Services**

- Reports
- Statements
- Mobile Trading
- Cash Box
- Contact Us

**Personal Information**

- Profile Details
- Update Profile
- Membership ID
- Change Password

**MAKE PAYMENT**

Your Cash Box amount is : 380

Amount (\$)	<input type="text"/>
Card Number	<input type="text"/>
Expiry Date	<input type="text"/> -- Select Month -- <input type="text"/> -- Select Year -- <input type="text"/>
Card Type	<input type="text"/> -- Select Card Type -- <input type="text"/>
Security Number	<input type="text"/>

**Submit**

7. Place order to buy shares( Here user can place the order to buy the shares).

**TRADE MONITORING**

.... A Place for Marketing and Innovation

Toll Free : **05 713 091 416**

**Our Services**

- Reports
- Statements
- Mobile Trading
- Cash Box
- Contact Us

**Personal Information**

- Profile Details
- Update Profile
- Membership ID
- Change Password

**Place New Order**

Symbol	<input type="text"/> EXPE
Company Name	EXPEDIA INC
Current Market Price	130.35
Available Shares	34
Quantity	<input type="text"/> 12
Order Type	<input type="text"/> Limit
Price	<input type="text"/>
Validity	<input type="text"/> From : 120 To : 125 <input type="text"/> Day

**Place Order**

8. Membership card ( By using this card user can come to the office and get the answers for queries. User can download the membership ID)

**MEMBERSHIP ID**

**TRADE MONITORING**  
... A Place for Marketing and Innovation

Toll Free : **05 713 091 416**

Full Name	Ashok Yaganti
ID No.	10002
Phone Num	5713091416

Print      HOME



9. Trade History.(Here user can download the trading historical data).

**TRADE MONITORING**  
... A Place for Marketing and Innovation

Toll Free : **05 713 091 416**

**Our Services**

- What Is Trading?
- How to Place order?
- Trade History
- Billing Details
- Address & Timings
- Gallery
- FAQ?

**Historical Stock Information**

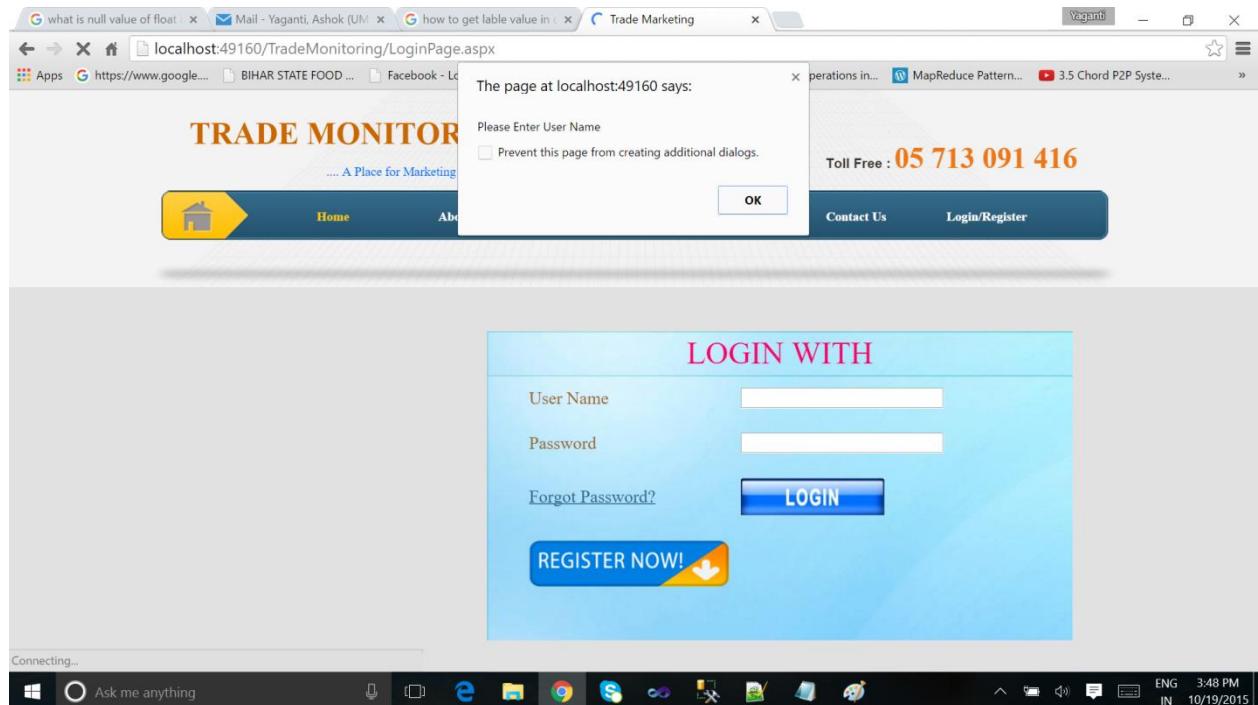
Company Symbol:

Date	Open	High	Low	Close	Volume	AdjClose
2015-10-16	111.779999	112.00	110.529999	111.040001	38236300	111.040001
2015-10-15	110.93	112.099998	110.489998	111.860001	37341000	111.860001
2015-10-14	111.290001	111.519997	109.559998	110.209999	44325600	110.209999
2015-10-13	110.82	112.449997	110.68	111.790001	32424000	111.790001
2015-10-12	112.730003	112.75	111.440002	111.599998	30114400	111.599998
2015-10-09	110.00	112.279999	109.489998	112.120003	52533800	112.120003
2015-10-08	110.190002	110.190002	108.209999	109.50	61698500	109.50
2015-10-07	111.739998	111.769997	109.410004	110.779999	46602600	110.779999
2015-10-06	110.629997	111.739998	109.769997	111.309998	48196800	111.309998
2015-10-05	109.879997	111.370003	109.07	110.779999	51723100	110.779999

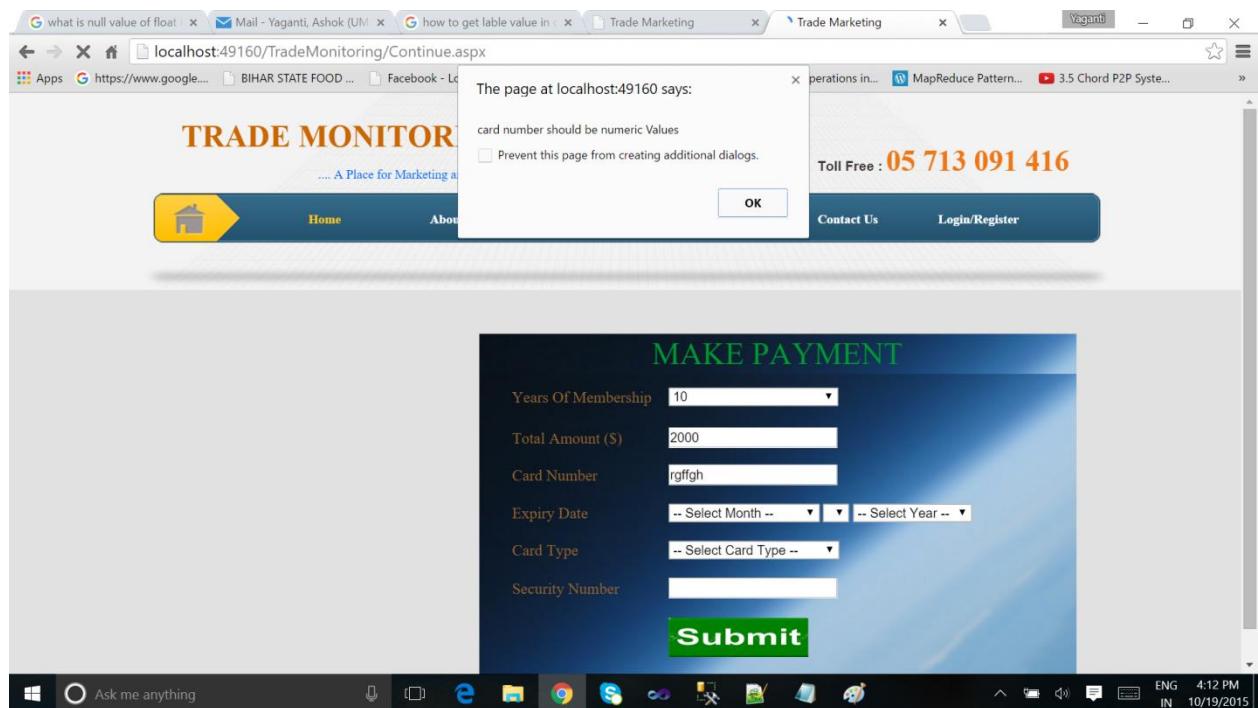
Ask me anything

## 8.2 Test Results

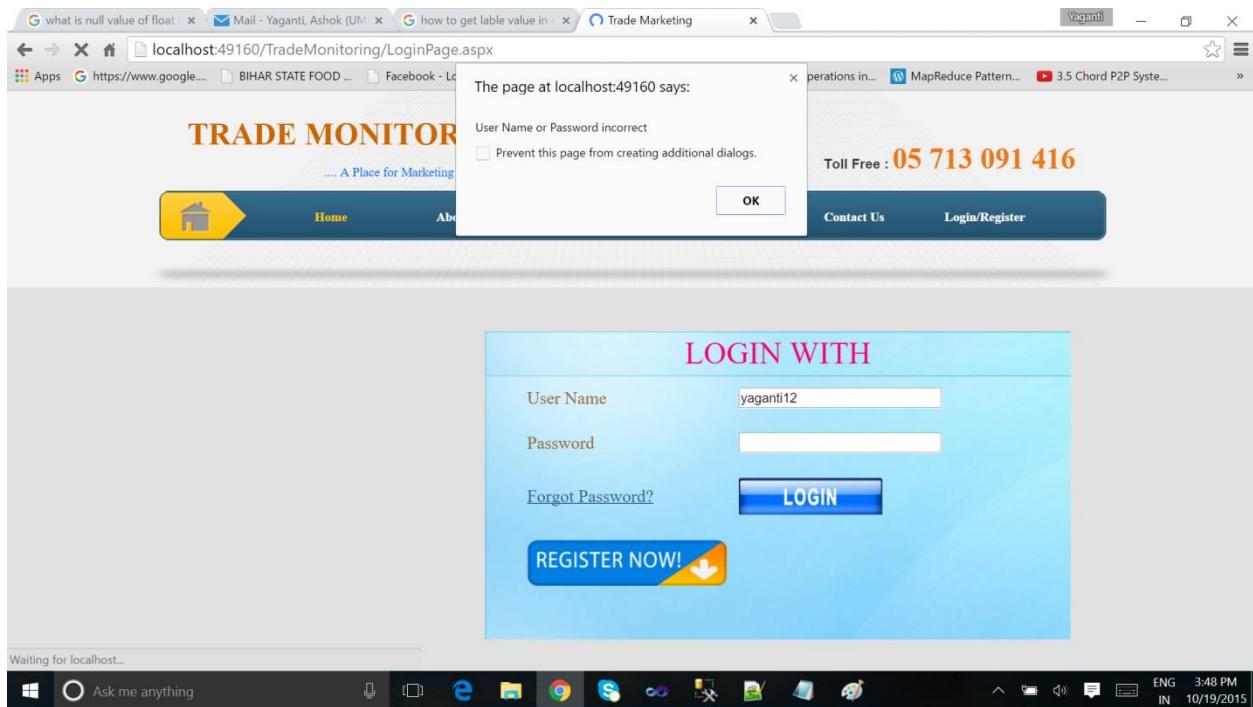
### 1. Null check validation



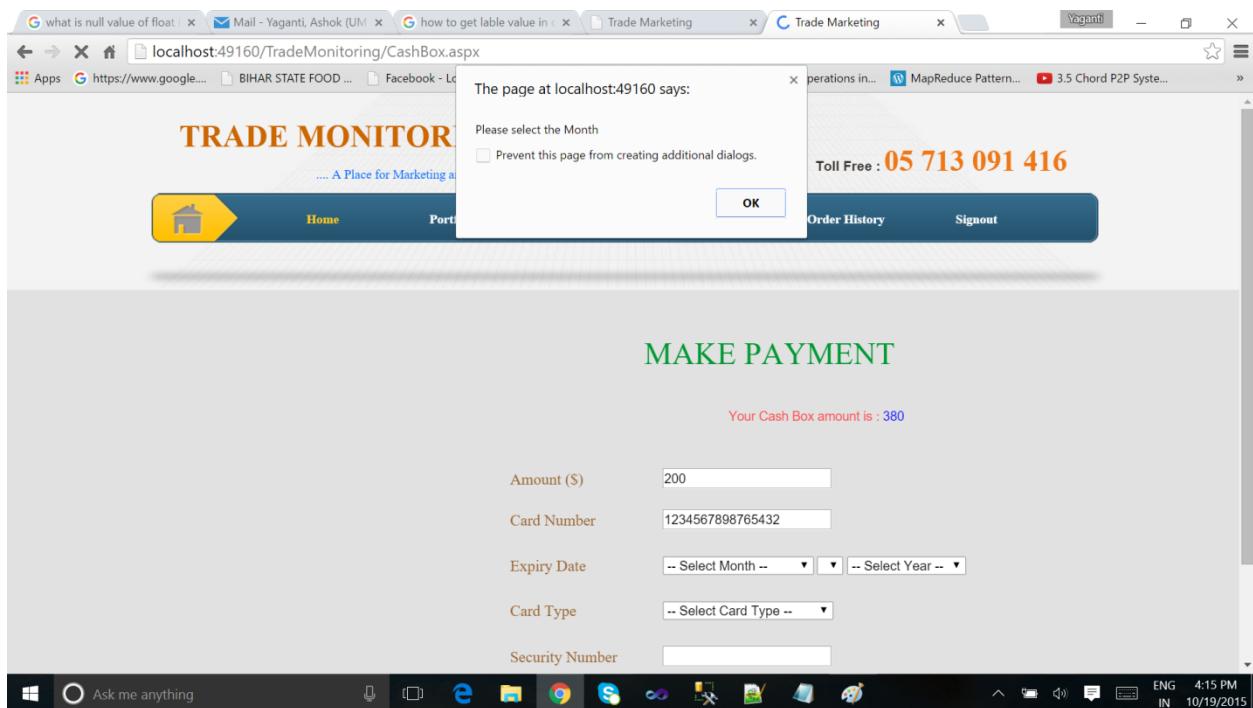
### 2. Numeric value check.



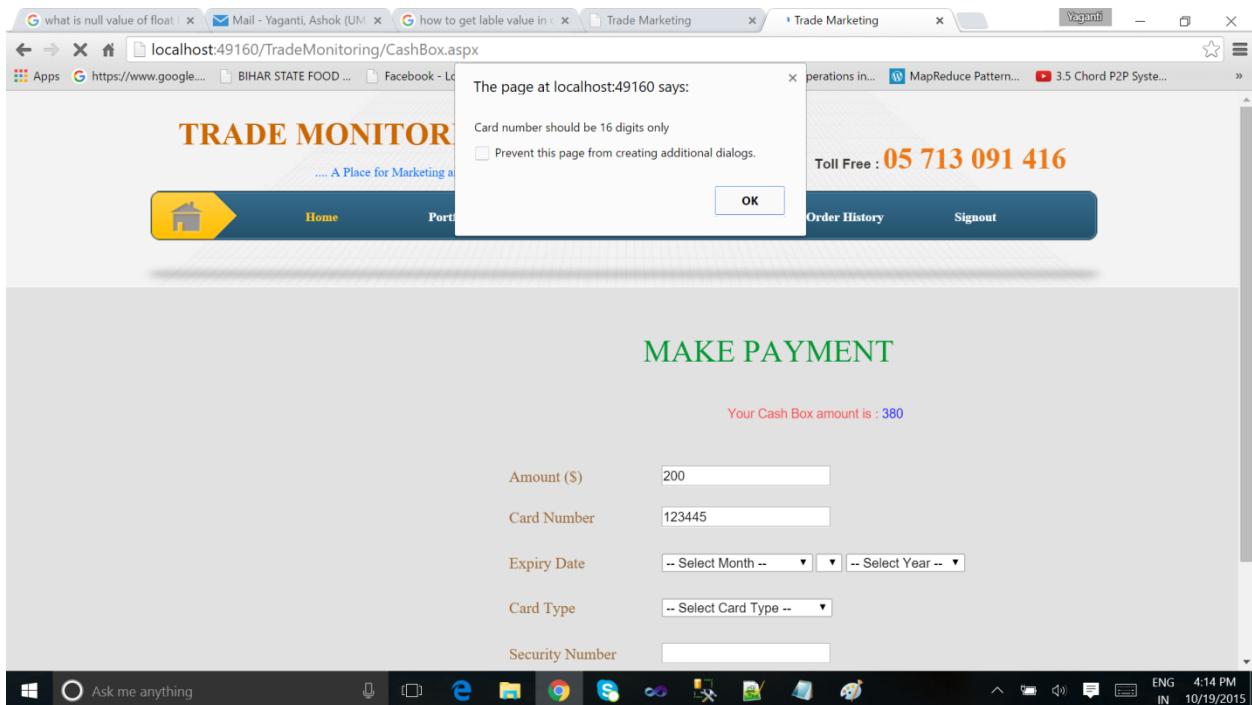
### 3.Authentication Validation



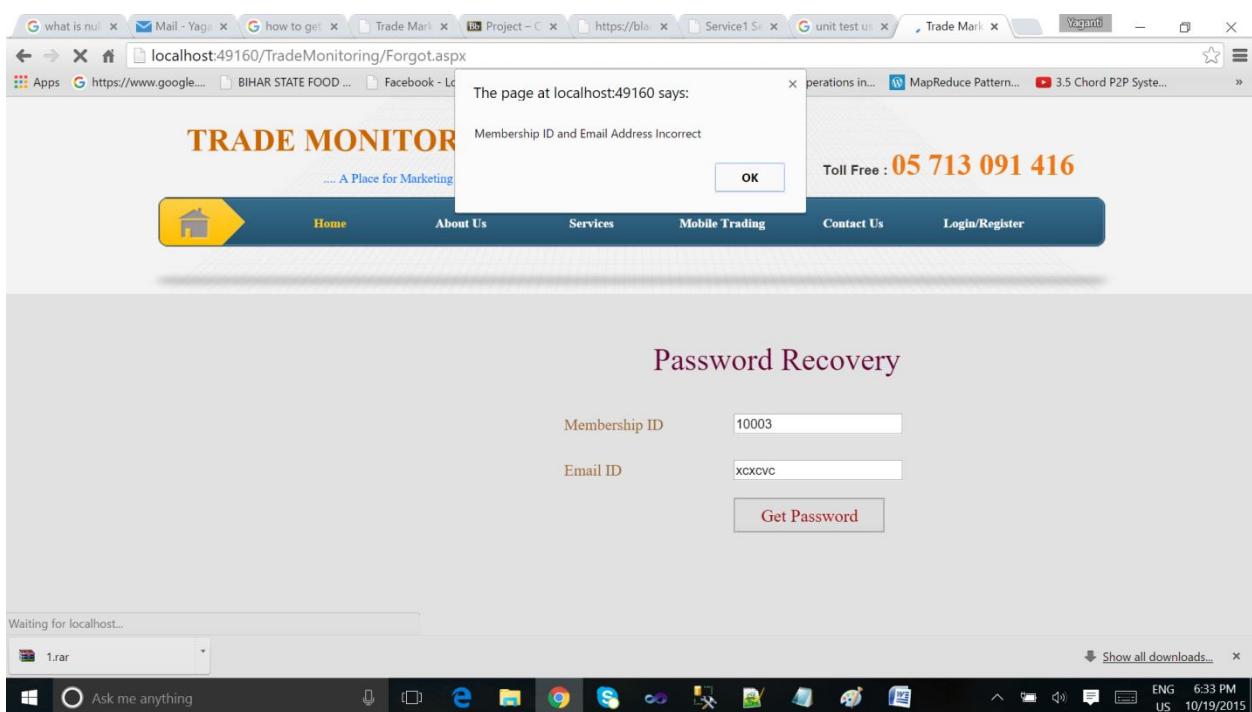
### 4.Dropdown Validation.



## 5. Range Validation.



## 6. Details Check



## **9. Project Management**

### **9.1 Work Completed**

- Home page (including all the information it should contains).
- Creating the user account page
- Login page with authentication.
- Displaying all the stock information with their prices.
- Displaying the historical information about the stock companies.
- User password recovery if the user forgets the password.
- All the information pages in the website about the share and the FAQs.
- Placing an order to buy a share.
- Cash box for store the user money.
- User Home page with all the tabs
- Downloading the Membership card.
- Displaying the user profile information.
- Created database tables and stored procedures.
- Created the WCF services.
- Created unit test cases.
- Developed the android application including above features.

#### **Work Assignment:**

##### **Ashok yaganti :**

- Login page with authentication.
- User password recovery if the user forgets the password.
- Placing an order to buy a share.
- Created the WCF services.
- Developed the android application including above features.

##### **Venkata Sasidhar Kanumuri :**

- Creating the user account page
- Displaying the historical information about the stock companies.
- User Home page with all the tabs
- Created unit test cases.

- Developed the android application including above features.

#### **Mohamed Gharibi:**

- Home page (including all the services it contains).
- Displaying all the stock information with their prices using Yahoo Finance API.
- Downloading the Membership card.
- Displaying the user profile information.
- Developed the android application including above features.

#### **Yatheeswara Reddy Pulicherla:**

- Cash box for store the user money.
- Displaying the historical information about the stock companies.
- Created database tables and stored procedures.
- All the information pages in the website about the share and the FAQs.
- Developed the android application including above features.

### **9.2 Work to be completed in next phases**

- Sell the shares
- Generating reports
- Sending the monthly statements to the user
- Displaying the user portfolio
- Voice recognition
- Appointment Booking.
- Buy and sell the shares under condition.
- Change user password.

#### **Work Assignment**

##### **Ashok Yaganti :**

- Sending the monthly statements to the user
- Voice recognition

**Sasidhar Kanumuri:**

- Generating reports
- Change user password.

**Mohamed Gharibi :**

- Sell the shares
- Buy and sell the shares under condition.

**Yatheesh Pulicharla:**

- Displaying the user portfolio
- Displaying the user portfolio

## **10. Bibliography**

- “<http://www.tutorialspoint.com/asp.net/index.html>”
- “<http://www.tutorialspoint.com/wcf/index.html>”
- “<https://www.iis.net/>”
- “[https://msdn.microsoft.com/en-us/library/ms733766\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/ms733766(v=vs.110).aspx)”
- “<https://www.youtube.com/watch?v=PBAs3zw6rq0>”
- “<https://jquery.com/>”
- “<http://api.jquery.com/jquery.ajax/>”