MoneyNovel
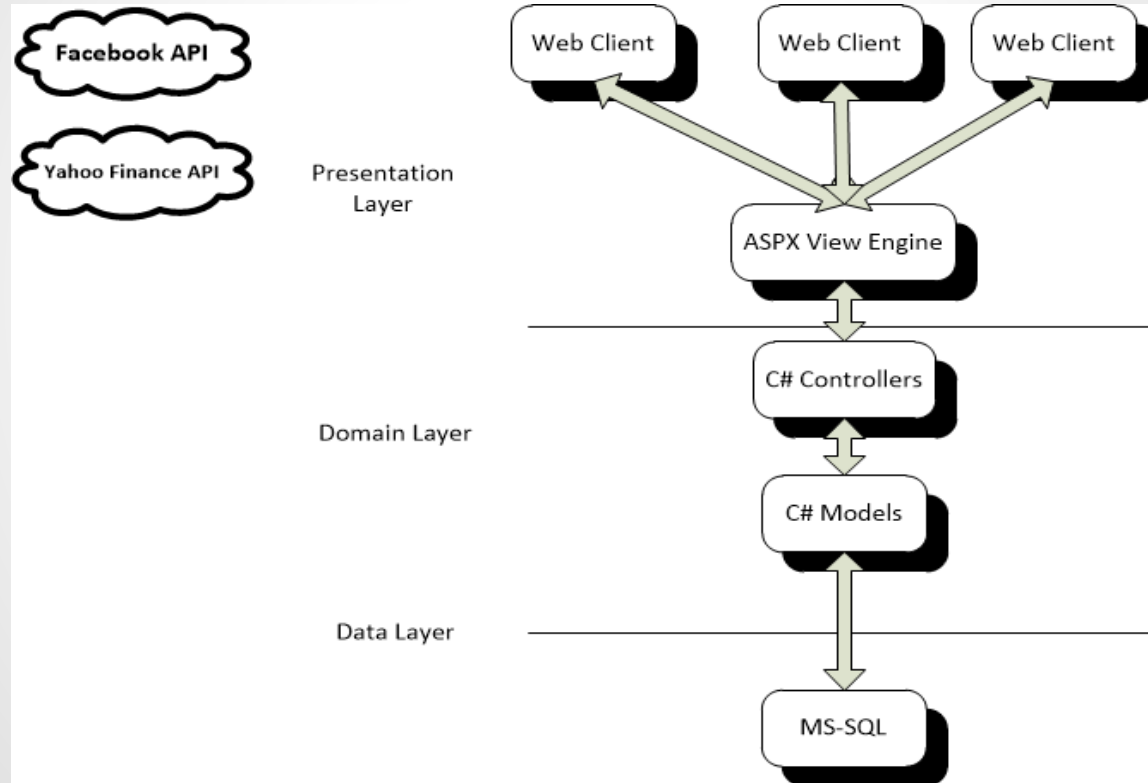# By
Supa Hot Iced Tea
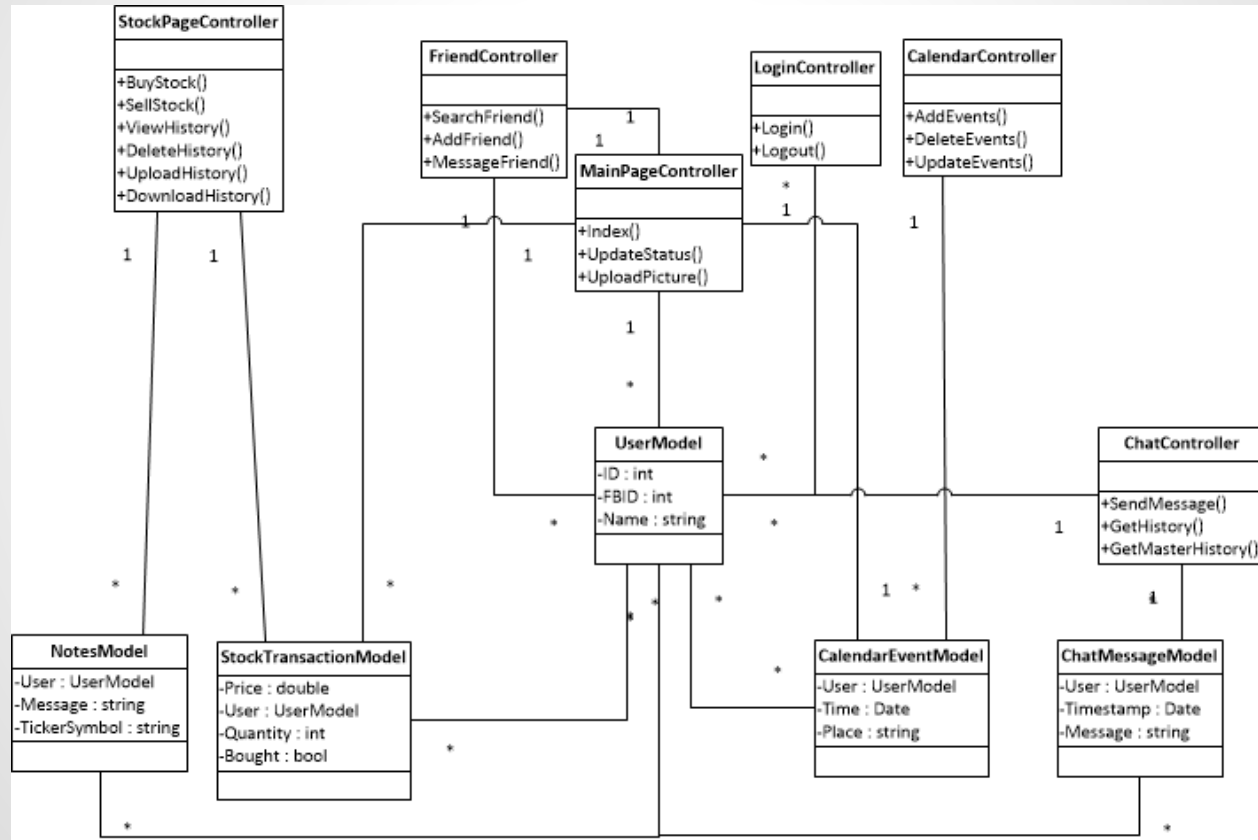
Evan, Brandon, Jake, Andrew, and Mike

Agenda

- Design
- Server
- Components
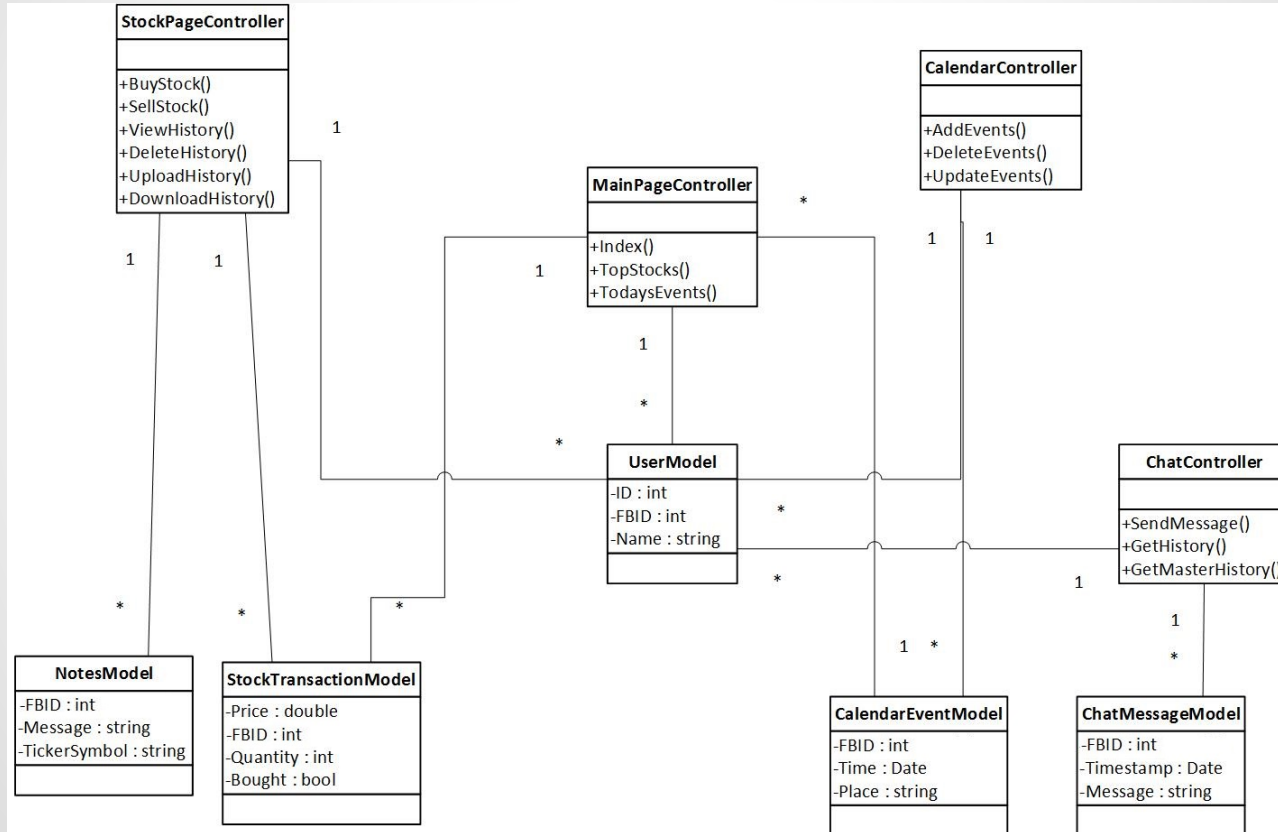 - Bootstrap/Jquery
  - Facebook
  - Stocks
- Demo

Design : Architectural Model

Design : Initial Class Diagram

Design : Current Class Diagram

Server / code configuration

- TFS
    a. Version control system
    b. Bug Tracking
- VM Setup
- Deployment process
    a. Web Deploy (IIS)
    b. Staging Site
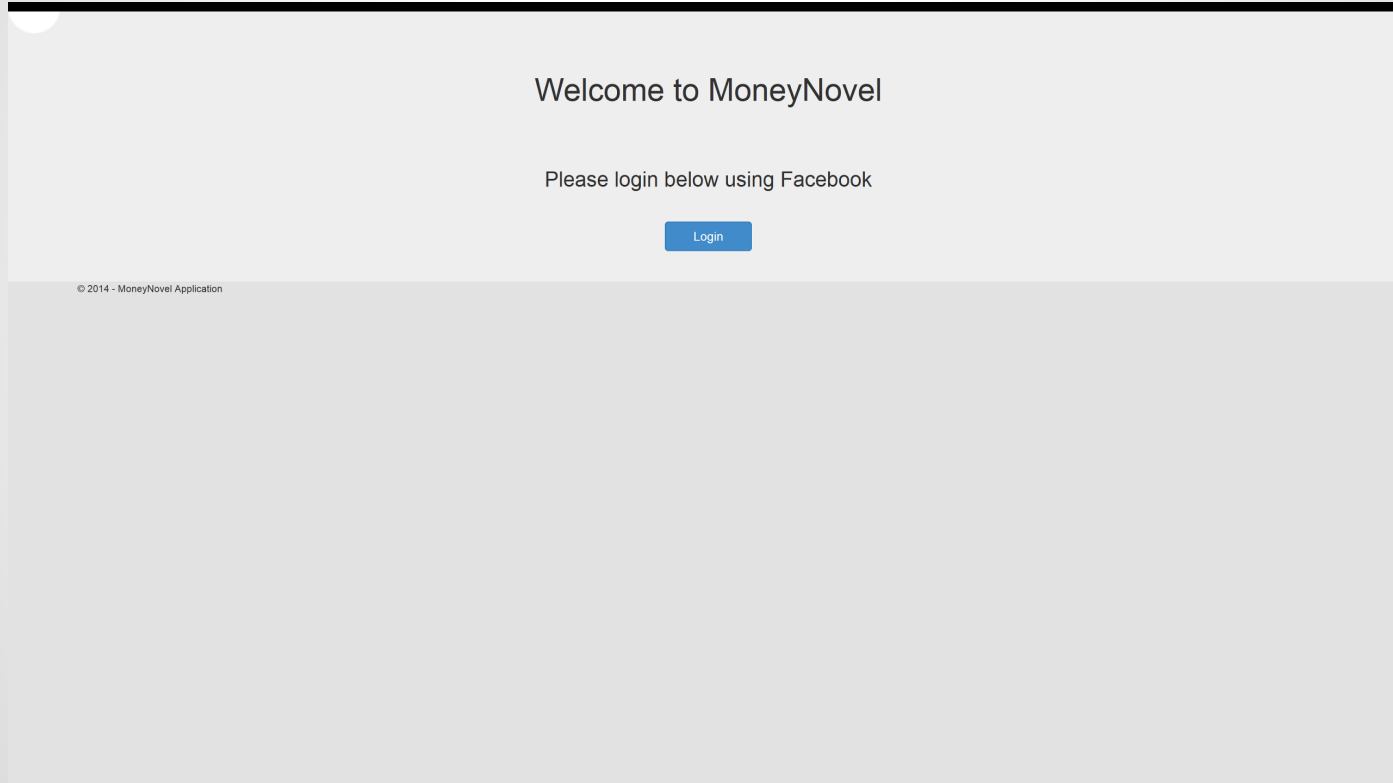   c. Visual studio publishing

Bootstrap

- Front end framework
- Navbar, tables, etc...
- Grid layout
  - Scales well

JQuery

- Easy Javascript
- Ajax
- Needed for Bootstrap

Facebook : Login/Logout

Welcome to MoneyNovel

Please login below using Facebook

Login

© 2014 - MoneyNovel Application

Facebook : Post Status

Facebook : News Feed

- Uses the Javascript FB API
- Connects to FB OpenGraph APIs

```
FB.api('/me/home', ..., function (response) {
  addNewsFeedItems(response);
});
```

- Parses returned JSON
- jQuery renders the views

Facebook : Add Friend

- Uses a combination of:
  - FB OpenGraph APIs (last slide)
  - FB.ui() methods in the JavaScript SDK
- FB.ui()

```
FB.ui({

    method: 'friends',

    id: user.id

}, … });
```
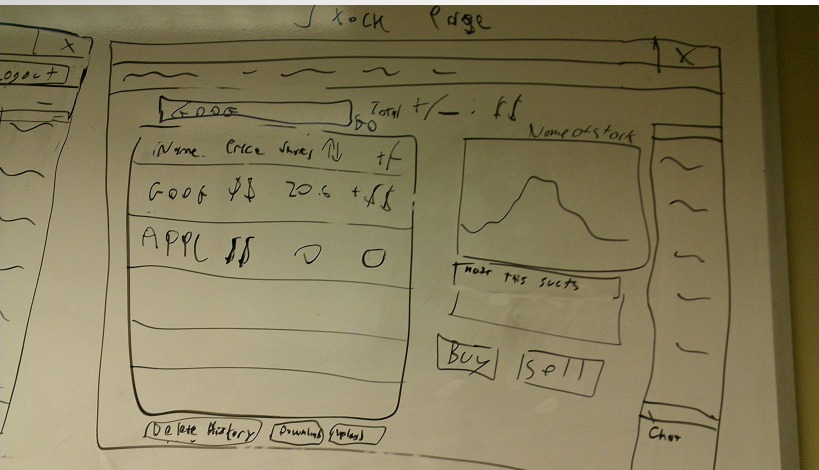
Stocks

Stocks

- Pulls in a csv file for a stock
  - Parses the data and creates a ViewBag of stocks
- Uses AJAX
  - var stock = $('#TickerSearch').val();

```
$.ajax({
cache: false,
async: true,
type: "GET",
url: '/Stocks/StockInfo',
data: {name : stock},
success: function (data) {
    $('#rightSide').html(data);
    }
```
  - `});`

Stocks

Demo

Look at this demo and cry

MoneyNovel

Questions?

Comments?

Concerns?

Threats to our lives?