

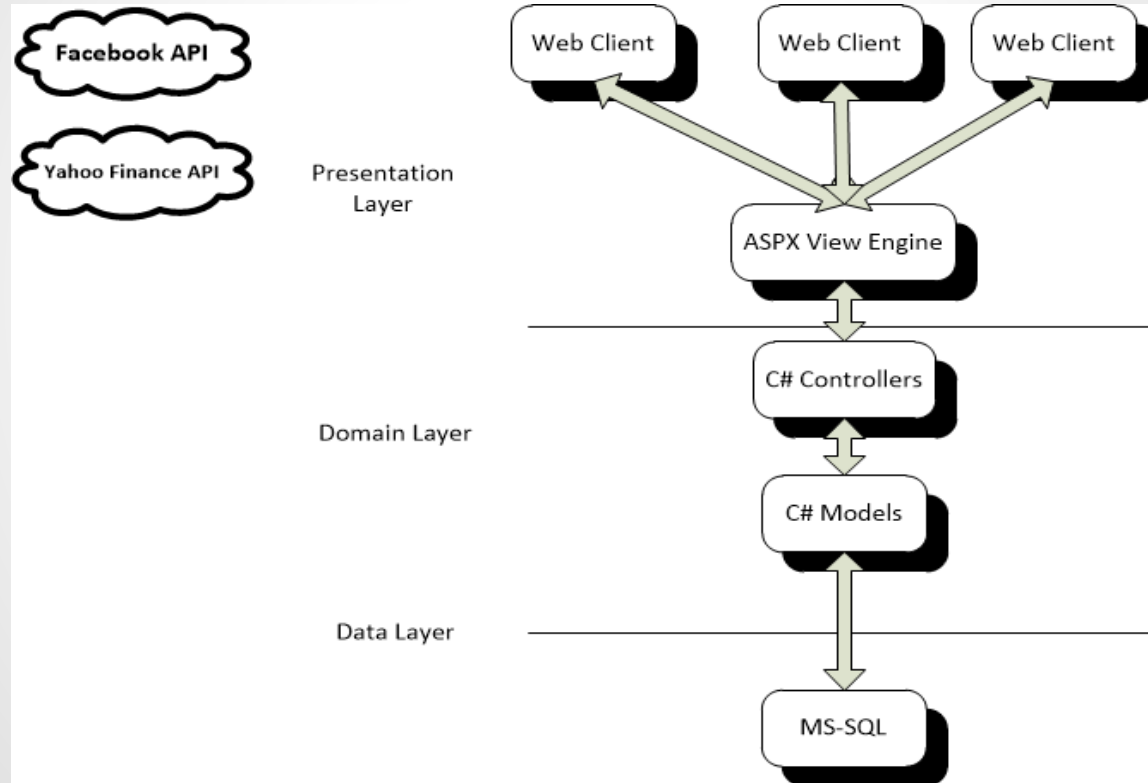
**MoneyNovel**  
**By**  
**Supa Hot Iced Tea**

Evan, Brandon, Jake, Andrew, and Mike

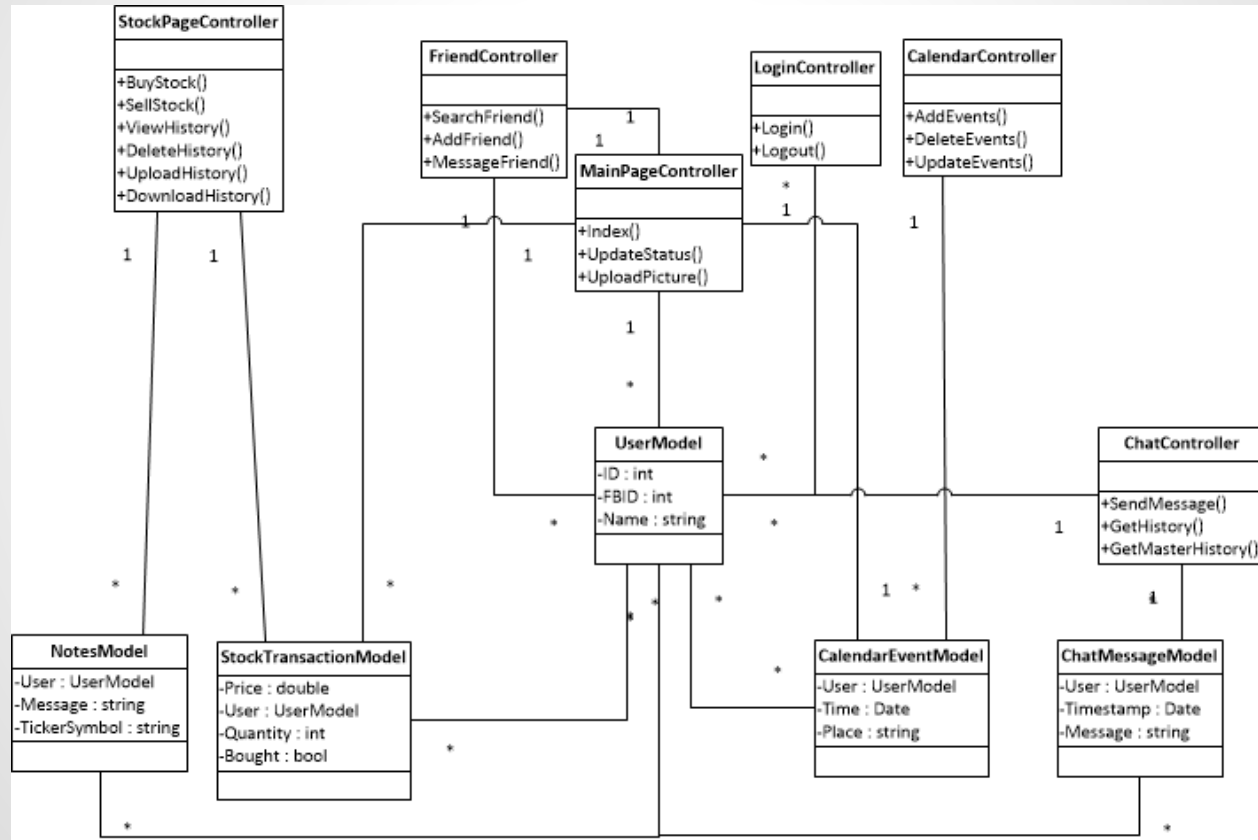
# Agenda

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

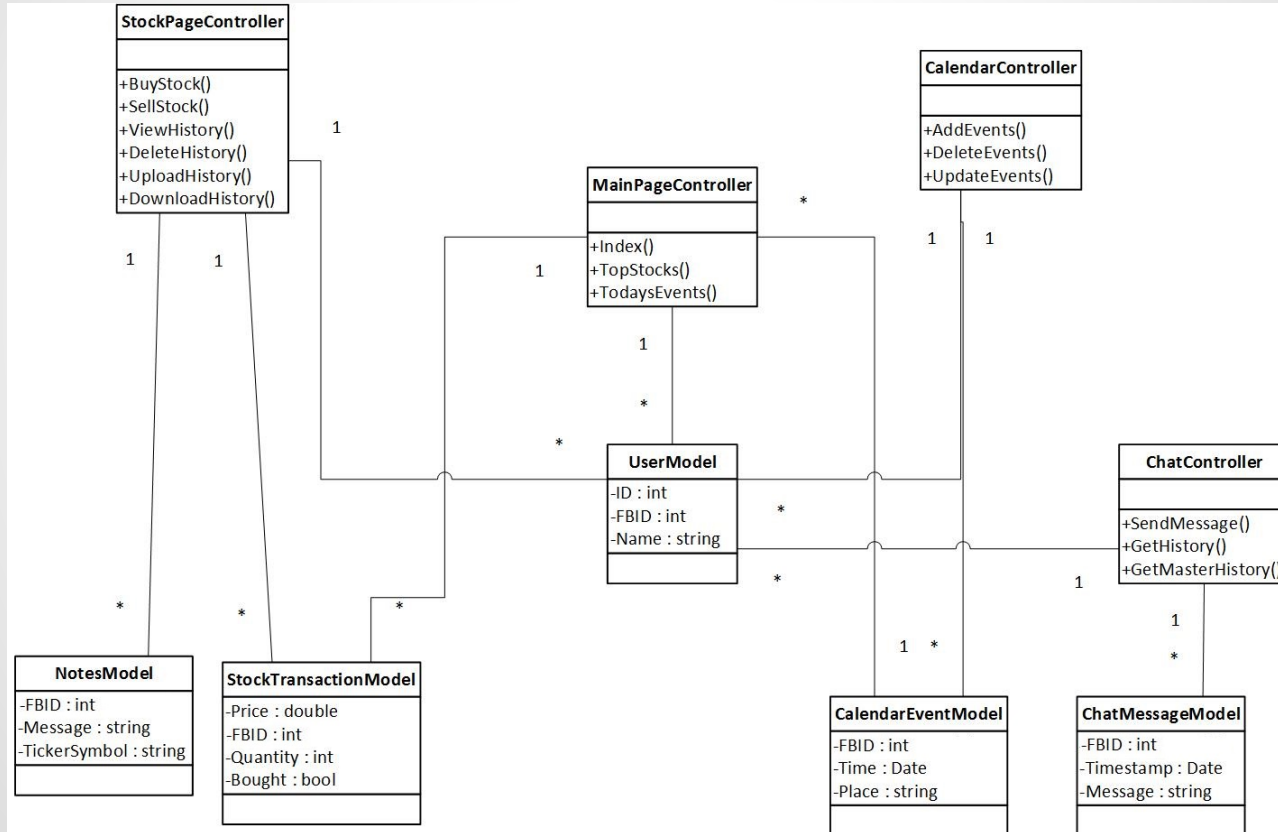
# Design : Architectural Model



# 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

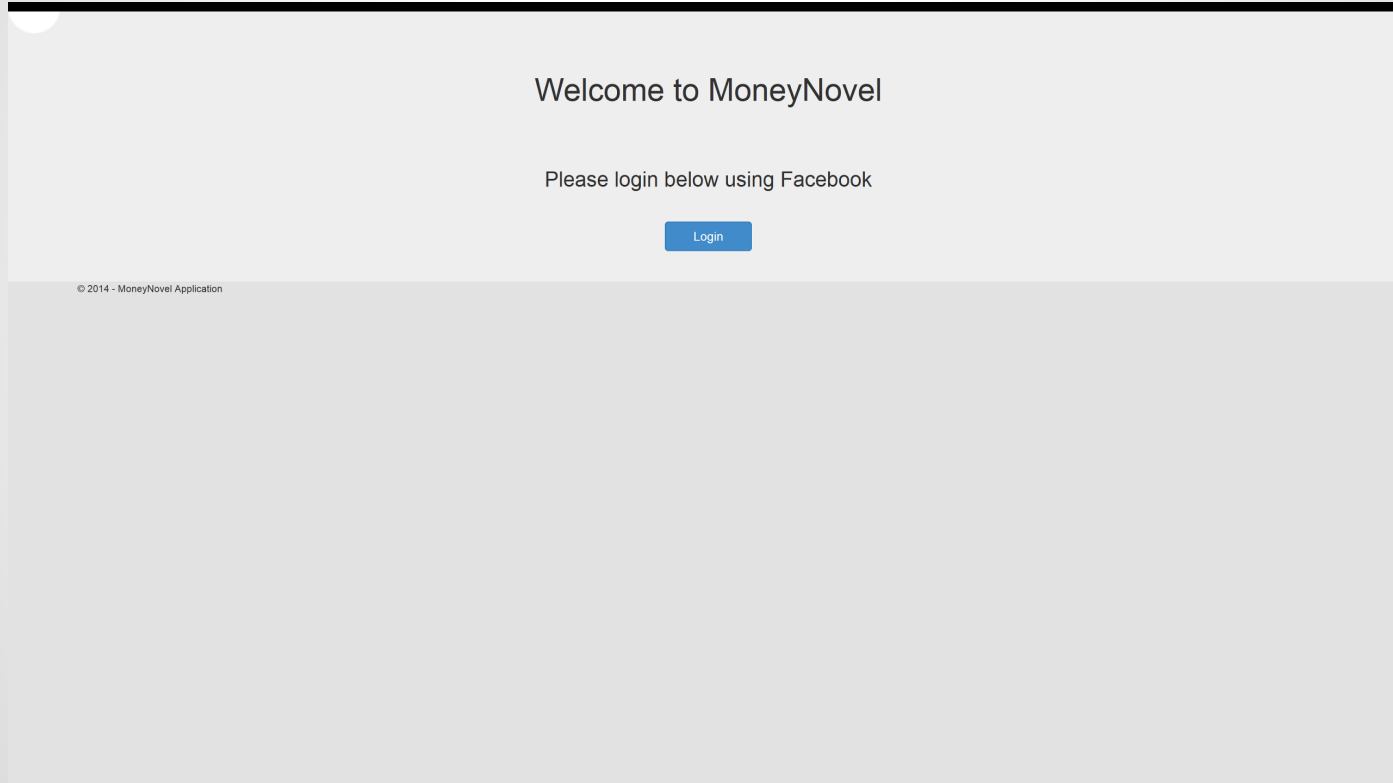
- Front end framework
- Navbar, tables, etc...
- Grid layout
  - Scales well

# JQuery

- Easy Javascript
- Ajax
- Needed for Bootstrap



# Facebook : Login/Logout



# Facebook : Post Status

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Calendar

Stocks

Friends

Evan

Logout

Today's Events

Top 5 Stocks

Ticker	Price	Shares
GOOG	1211.26	0
MSFT	39.55	0
INTU	80.66	0
GERN	2.48	0
AAPL	531.4	0

Update Status

What's on your mind?

Post

Add Photos

NewsFeed

Jhossue Jimenez

Maybe I'll get around to playing this sometime this year. For now, it'll just sit in my drawer I guess.

The Walking Dead

The Grove. See more photos from the latest episode: <http://bit.ly/1gMnTAh>

IGN.com

Microsoft has revealed the first 25 ID@Xbox games. <http://go.ign.com/1gMnj5z>

Jeremy Van Horn

Chat

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# 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

**YAHOO!**  
FINANCE



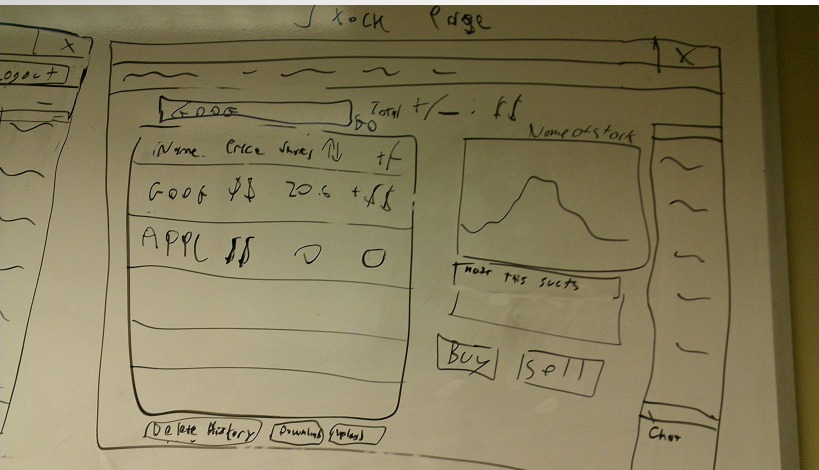
# Stocks

- 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



Money Novel | Calendar | Stocks | Friends ▾

Evans | Logout

### Stock Page

GOOG, AAPL, etc. Search

|      |        |   |
|------|--------|---|
| IBM  | 188.81 | 0 |
| INTC | 24.82  | 0 |
| JNJ  | 93.94  | 0 |
| JPM  | 58.06  | 0 |
| KO   | 38.4   | 0 |
| MCD  | 97.31  | 0 |
| MMM  | 132.74 | 0 |
| MRK  | 56.36  | 0 |
| MSFT | 39.55  | 0 |
| NKE  | 79.64  | 0 |
| PFE  | 31.93  | 0 |
| PG   | 79.77  | 0 |
| T    | 37.88  | 0 |

Microsoft Corporation  
MSFT

Mar 17, 2014

Oct 13 Nov 13 Dec 13 Jan 14 Feb 14 Mar 14

| Id   | Current Price | High Price | Opening Price |
|------|---------------|------------|---------------|
| MSFT | 39.55         | 39.9       | 38.25         |

Buy Sell

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# Demo

Look at this demo and cry

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# Questions?

Comments?

Concerns?

Threats to our lives?