

# **MyStockBook**

## **Release 2**

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# Agenda

- Planning
- Design
- Construction
- Testing
- Deployment
- Demo
- Q&A

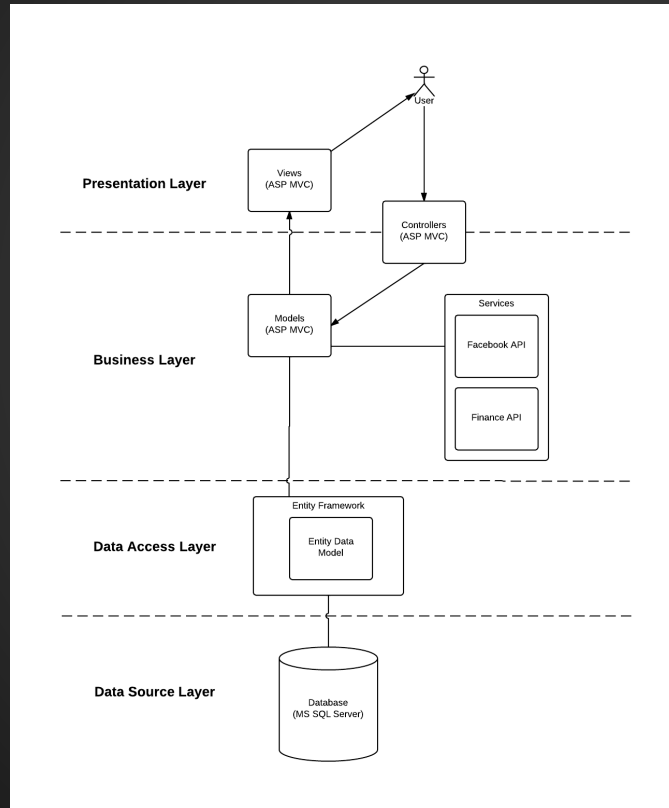
# Planning

- Selecting APIs for new features
  - FullCalendar
  - HighCharts
  - Google Analytics
- Chat using HTML5 and .Net
  - SignalR
- Unfixed bugs from R1

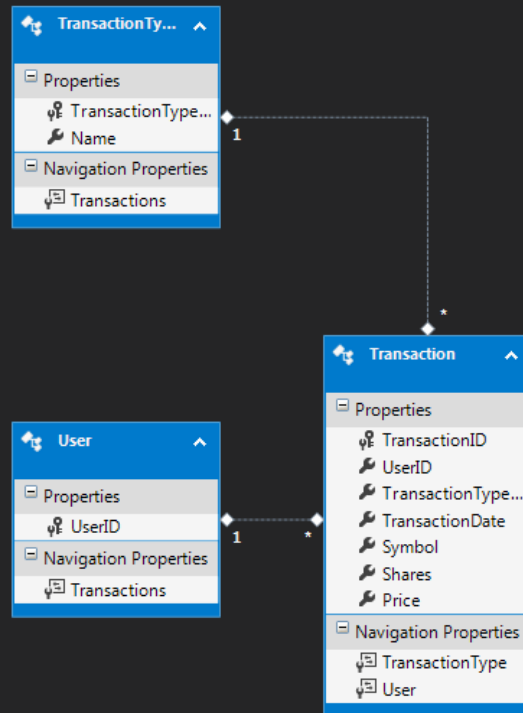
# Design

- We simplified our design of the system into 4 subsystems, down from 5:
  - Facebook Feature Integration
  - Chat
  - Calendar
  - Stock Portfolio
- User Account Management was deemed unnecessary

# Design



# Design




# Design - R1 UI

MyStockBook

Home

Stocks

Calendar



Log Out

▲ AAPL 594.43 -1.09%

▼ YHOO 36.495 -1.12%

▼ FB 58.53 -4.39%

▲ INTC 26.21 +0.15%

▼ CSCO 22.72 -1.02%

▼ TWTR 31.84 -17.83%

▼ GOOGL 522.5 -2.40%

### Top 5 Stocks

The ability to purchase, sell and select your Top 5 Stocks will be part of the Stock Portfolio feature, which will be part of Release 2.

### Facebook Newsfeed

Status:


Post

Add Photo

Send Friend Request


Send Message

**Jim Kuglics**  
*Jim Kuglics shared a link.*




*A Young Girl Dances To "Beat It" On Roller Blades At An International Contest In Shanghai, China.*

**The Onion**  
"Maybe his dad is famous."




*Classmates Awed By First-Grader Who Gets Free Breakfast Every Day*

**The Onion**  
*The Onion shared a link.*



*Man Hoping People Notice How Many Folding Chairs He's Carrying At Once*

**The Onion**  
"I never thought they were that great or anything—they're just okay. Absolutely."



*Deeply Held Conviction Immediately Dropped After Friend Half-Heartedly Disagrees*

**Boom Amporndanai**  
I am reaching, but I fall. And the stars are black and cold. As I stare into the void of a world that cannot hold.

### Events

This feature is slated for Release 2.

### Chat

This feature is slated for Release 2.

# Construction

- Calendar and Chat subsystems constructed
- Enhancements for the Facebook Feature Integration subsystem were also made so that we could use it in combination with the Calendar subsystem for event functionality.
- The Stock Portfolio subsystem was heavily enhanced.
  - Given its own controller
  - Entity Framework



# Testing

- Functionality Testing
- Interface Testing
- Compatibility Testing
  - Addition of mobile
- Unit Testing
  - Planned, but scrapped due to time constraints

# Changes from R1

- More online meetings
- Increased reliance on Facebook API
  - Changed Database Design

# Unchanged From R1

- Integration strategy
- Bug tracking - [link](#)
- Deployment plan

# Demo

MyStockBook site:

<http://vm344e.se.rit.edu/R2>

**Questions?**