

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light mint green. They are both tilted at an angle, with the blue one being more vertical and the green one being more horizontal.

# YoloTrader

Owen Murphy & Prince Kalu



# Iteration I Revision

- Find Friends

- Chat

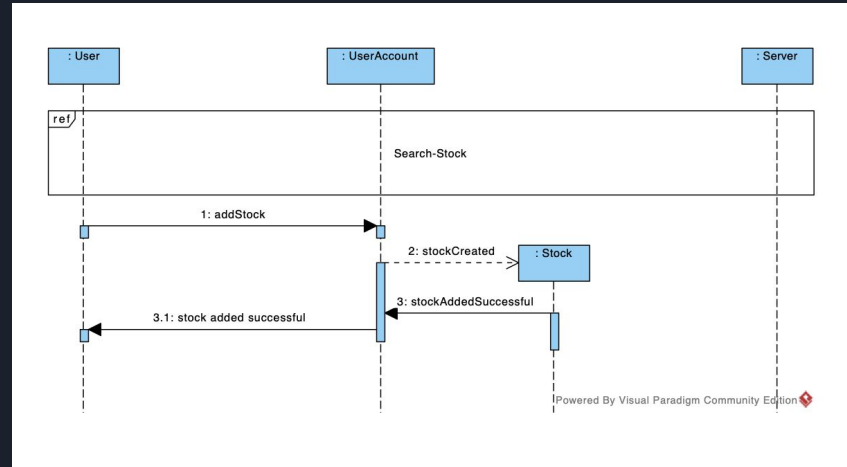
- web

- + Swing UI

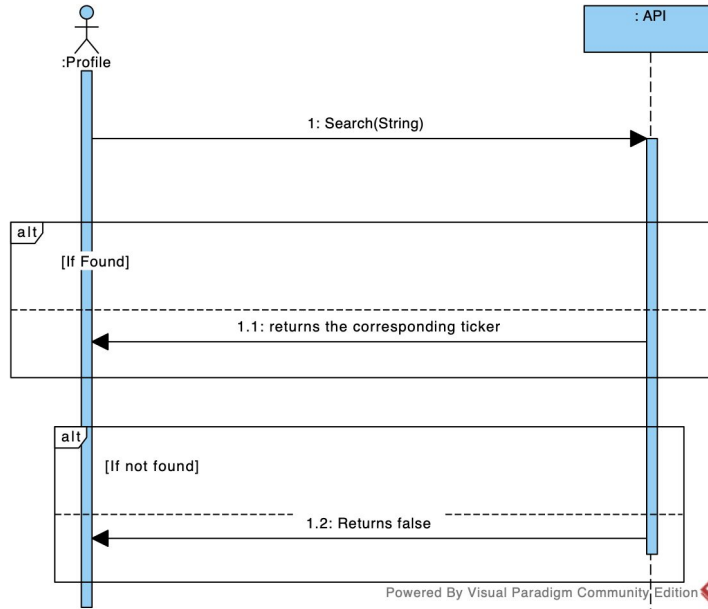


# Sequence Diagrams

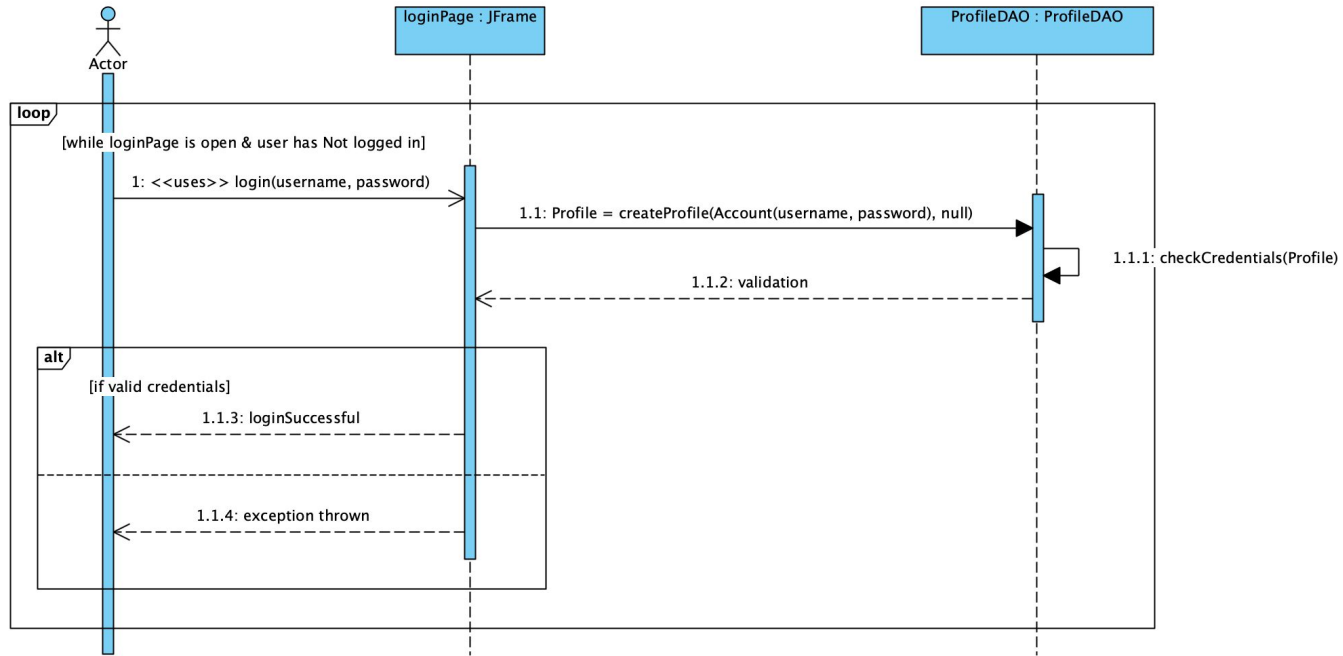
# Add Stock to WatchList



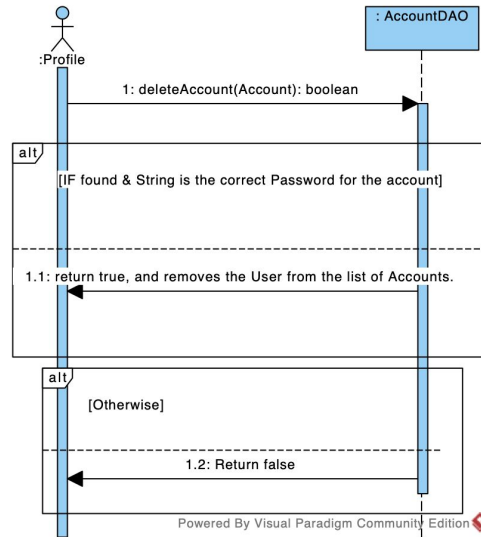
# Search(ticker)



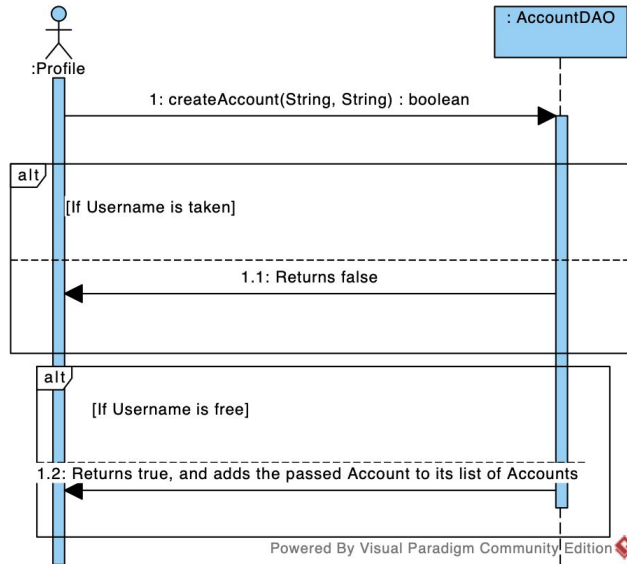
# Login(user, pass)



# DeleteAccount(pass)

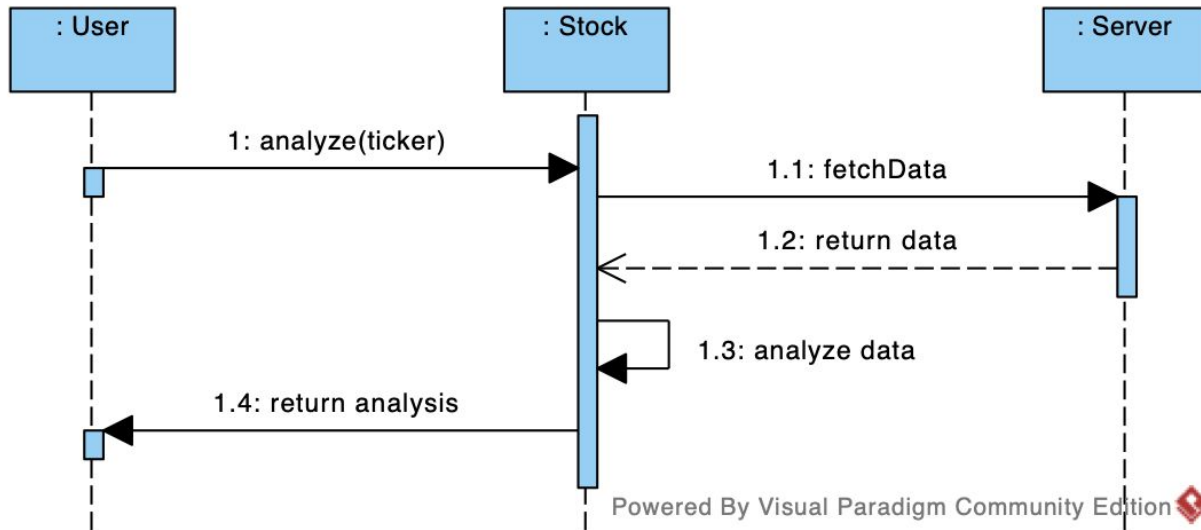


# createAccount(user, pass)

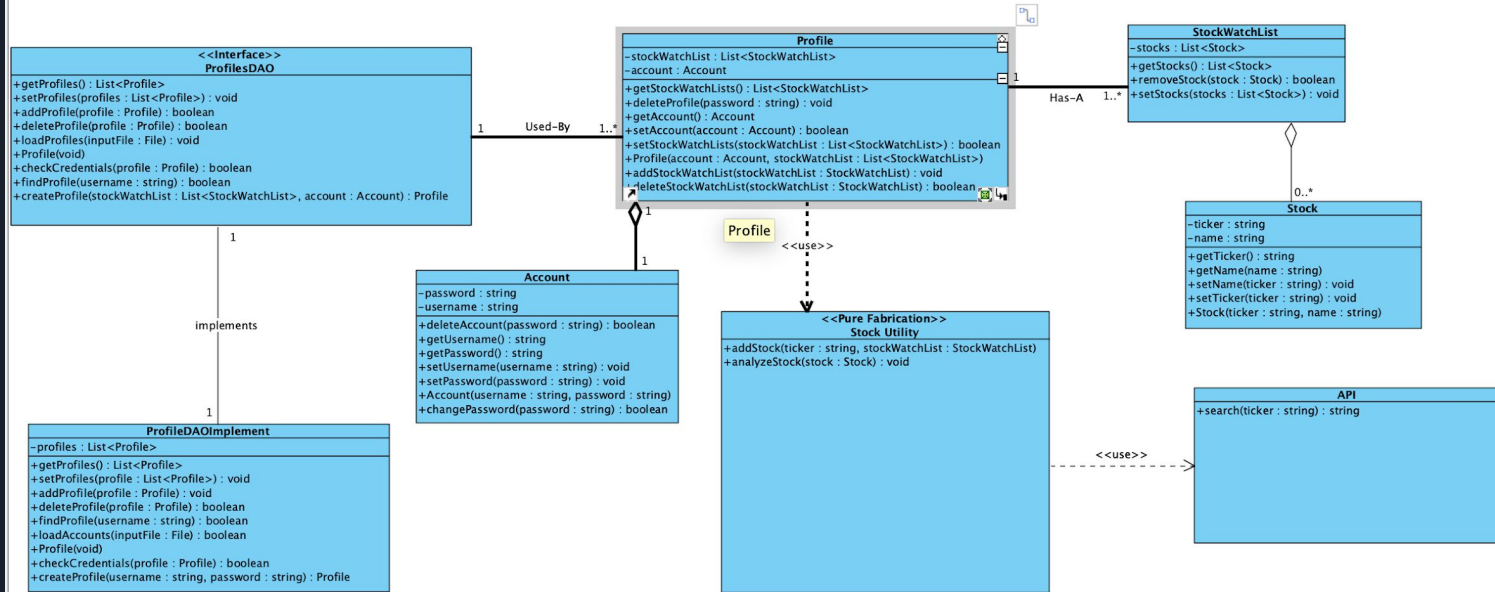




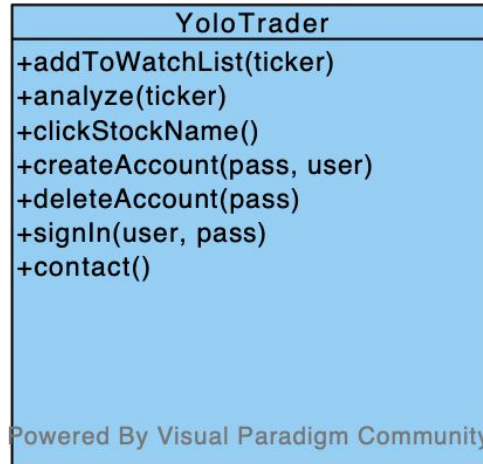
# analyze(ticker)



# Design Model



# System Operations



Powered By Visual Paradigm Community Edition





# GRASP

User: The user class is responsible for knowing the particular instance of the user's account.

Account: The Account class is responsible for knowing the user's name and password, as well as knowing what stocks the user is following.

UI: The UI class is responsible for knowing where to contact for help, analyzing a stock, and managing the account sign in process.

Graph: The graph class is responsible for displaying the price of the security it is connected to.

Security: The security class is responsible for knowing its price and name.

Exchange Vendors: This class is responsible for knowing what securities it is selling.



# GRASP

Index: This class is responsible for knowing what stocks it is composed of.

Stock: This class is responsible for knowing its volatility factor.

Exchange Traded Fund: This class is responsible for knowing what stocks it is composed of.



# Test Coverage Plan

After all the classes have been constructed, we plan on making corresponding JUnits to test each method and ensure it can handle all plausible cases. Once every class has a JUnit with all succeeding tests, the only thing left to do will be to code the main flow of the program and then meticulously attempt to break our main.



# DEMO - Login

YoloTrader

Username:

Password:

Login

Help

Create Account



# DEMO - Create Account

YoloTrader

Username:

Password:

Re-enter Password:

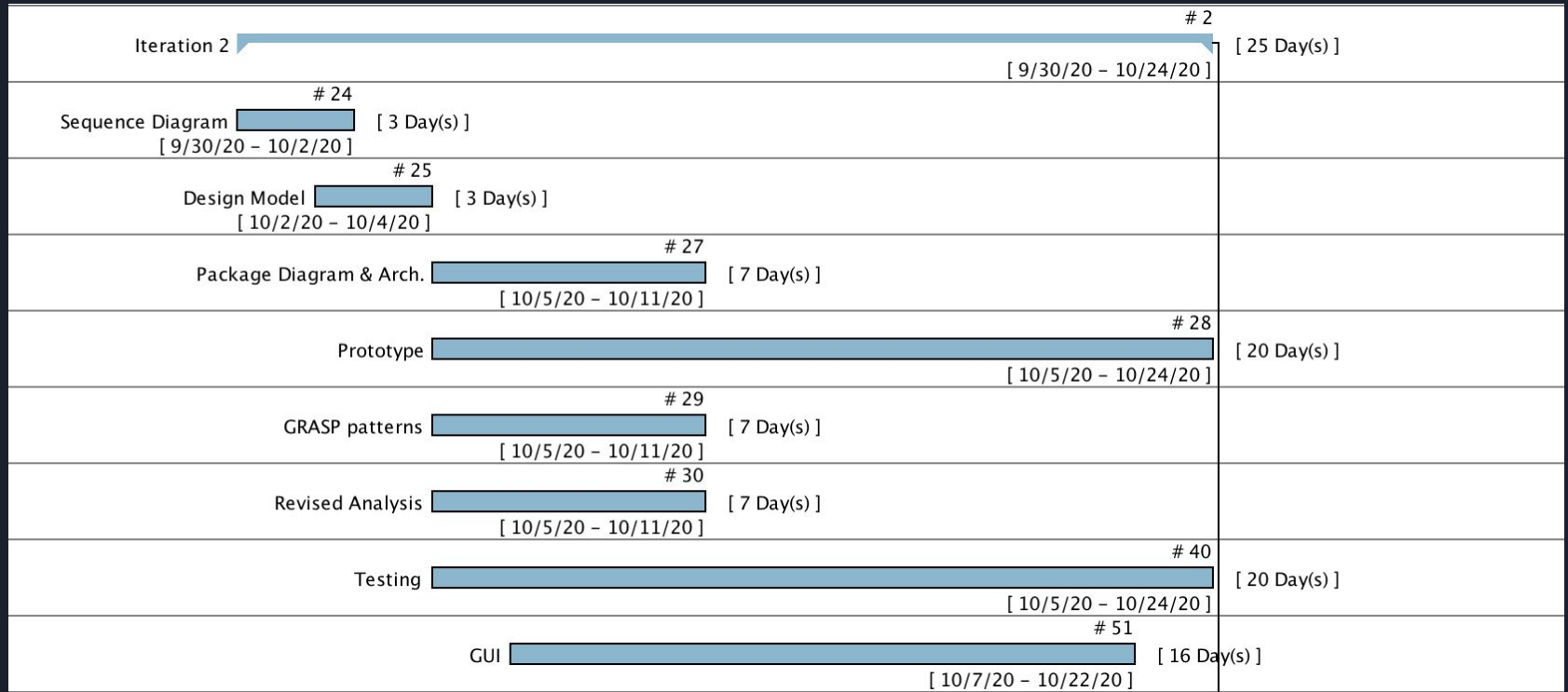
Login

Help

Create Account



# Schedule





# Time log - Owen

ITERATION II		
10/20	1.5	Developed pie chart
10/21	1	Created Sequence Diagrams, added link to bar meter, & updated project schedule
10/22	2	Created more Sequence Diagrams, Design Model
10/23	1	Revised Design Model, Started Google Slide
10/24	1	Messed with Stockwits API, looking into getting search function working
10/25	.5	Team Meeting
10/26	1.5	Sign In Window created
10/28	2.5	Fixing diagrams, finished window class prototype, created prez
<b>SUBTOTAL:</b>	11	



# Time log - Prince

ITERATION II		
10/25	.5	Team Meeting
10/25-10/28	3	Java classes
10/25-10/28	1	Updating github
10/25-10/27	2	Researching a new IDE to use
10/28	1.5	Diagrams
<b>SUBTOTAL:</b>	8	



# Suggested Point Distribution

Out of 100 points

Owen - 50 pt

Prince - 50 pt



# Github Link

<https://github.com/olmurphy/YoloTrader.github.io>