

MockStocks Application Proposal
Scribe : Olivia Brobin

1. Team number: 4
2. Team name: The Money
3. Team Members (GitHub usernames and school emails)
 - a. James Brobin
 - i. OliviaBrobin
 - ii. olbr4738@colorado.edu
 - b. Grace Ohlsen
 - i. sko-grace
 - ii. groh8854@colorado.edu
 - c. Rissan Karki
 - i. riskarki
 - ii. rika3187@colorado.edu
 - d. Ryan Townsend
 - i. rt0328
 - ii. ryto5153@colorado.edu
 - e. John Cates
 - i. joca7396
 - ii. joca7396@colorado.edu
 - f. Jacob Lowry
 - i. jakelowry
 - ii. jalo2044@colorado.edu
4. Application Name
 - a. MockStocks
5. Application Description

Our MockStocks application is a free stock simulation designed to help young adults build an understanding of the stock market and how to trade. Users will be able to create a virtual game in groups where they will compete against their friends by investing in different stocks. The game will be specific to a user's specifications, such as how long they want the game to last and what kind of trading they'd like to do (long term investments, day-trading, penny stocks, etc.)

Our user interface will display all of the groups a user is in, first displaying basic information such as rank within the group, and how much the user's portfolio is up or down. Within each group, users can view their own portfolio, buy and sell stocks, and view their friend's portfolios. This enables them not only to see how their own investments are doing but also to learn from their friends. Rather than the cutthroat nature of Wall Street, MockStocks aims to provide users with a competitive, yet collaborative environment. This allows users

to gain an understanding of how real investments work and where to begin when they're using real money in the stock market.

6. Vision Statement

- a. We're inspiring a new generation of investors with a multiplayer fake stocks game for young adults.

7. Version Control

- a. Project GitHub Link: <https://github.com/rt0328/TheMoneyProject>

8. Development Methodology

- a. At the start or end of each recitation, we will assign the work for each member for until the next recitation.
 - i. We may use Scrum in order to help assign tasks fairly.

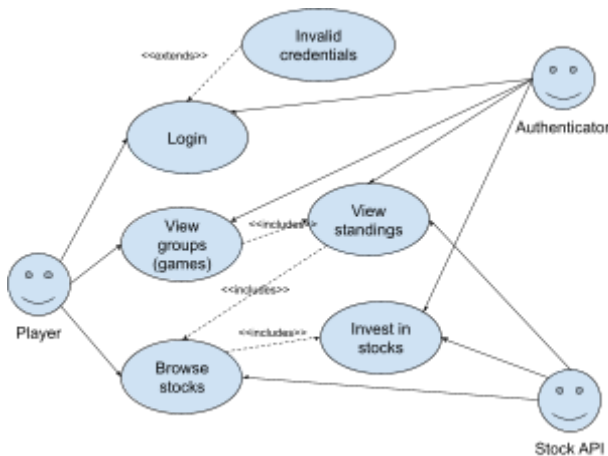
9. Communication Plan

- a. We are using a Discord server to handle communication.
 - i. We are currently using multiple different channels to store important information such as project files, meeting times, contact- info, project ideas, and general discussion.

10. Meeting Plan

- a. Team meetings
 - i. Tuesdays
 - 1. 4:30 - 8:00 PM
 - 2. CSEL
 - 3. In-Person
- b. Weekly meetings with TA
 - i. Mondays
 - 1. 5:40 PM
 - 2. Zoom
 - 3. Online
 - 4. Specifically for March 18th, April 1st. April 8, April 15th

11. Use Case Diagram



12. Wireframes (Scroll down to see all wireframes.)

Login:

Login	Dashboard
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Login

Username

Password

Login

Don't have an account yet? [Register here.](#)

Footer

Register:

Register

Username

First Name

Last Name

Email Address

Password

Re-enter Password

Register

[Dashboard / My Groups:](#)

My Groups

Successfully added group!



CSCI 3308 Group
Ranked 1st out of 6

\$10,000

Up 10%
STK



Roommates
Ranked 2nd out of 3

\$10,000

Up 10% from base



Group:



My Group Title



#3 out of 45

\$10,000

\$10,000

Manage Portfolio

Current Rankings

#1 Player Username

\$12,000

Up 12% this week

#2 Player Username

\$11,000

Up 12% this week

#3 Player Username

\$9,000

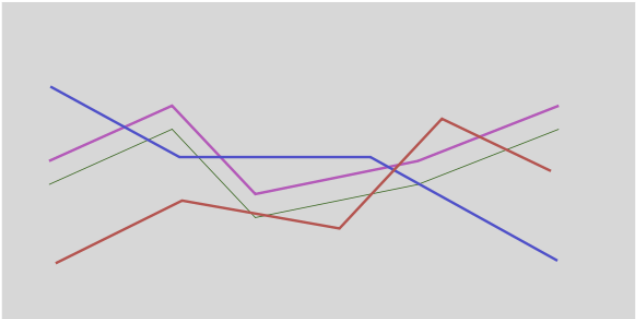
Up 12% this week

Manage Portfolio:

< Back to group

Manage Portfolio

Current Value:
\$5,700



Assett	Number of Shares	Value in US Dollars	Growth	Options
				<div>Sell</div>
				<div>Sell</div>
				<div>Sell</div>
				<div>Sell</div>
+ Purchase Stock				

Add Group:

Add Group

Select Group Icon



Group Details

Group Name

Select Starting Liquidity

Invite Members

Create Group

Edit / Delete Group (Group Settings) :

Logout

Dashboard

Group Settings

Select Group Icon



Group Details

Group Name

Select Starting Liquidity

Invite Members

Update Group

Delete Group

Footer

Modals for Manage Portfolio (Purchase and Sell):

Purchase Stock

Sell Stock