

Team WINY: Second Iteration Plan

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Yiming Sun (ys2832)
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Responsibilities

Irwin and Wanlin: Class Diagrams

Nancy and Yiming: User Stories and Wireframes

Git repository

<https://github.com/wanlinxie/ASE-marketgame>

User Stories and WireFrames

User Story 1: Create New Account

Description: As a new user, I want to be able to register for a personal account.

The Stock Market Game

Login or create new account

[Text input field]

☐ Remember me

[Sign in button]

Create a New Account

Email Address

[nancy@gmail.com]

Password

[1FeP Ri28]

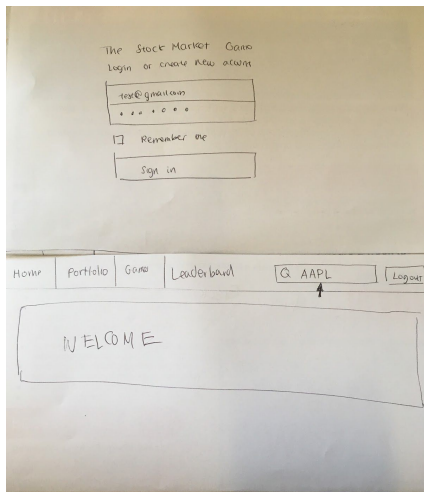
Confirm Password

[1FeP Ri28]

[Sign Up button]

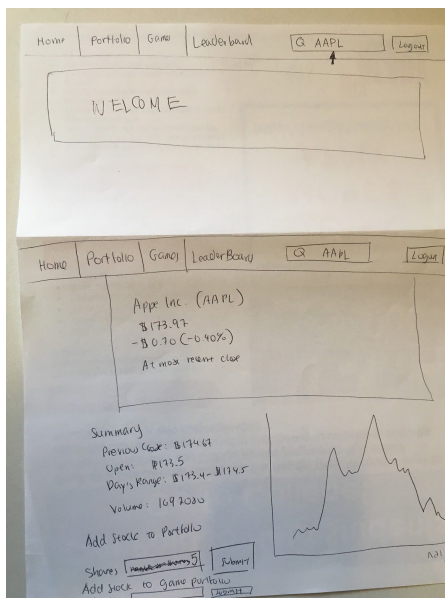
User Story 2: Login

Description: As a user, I want to be able to login into my personal account.



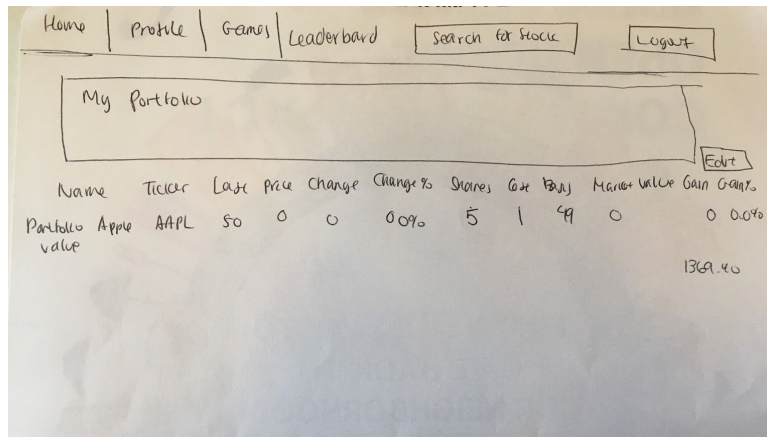
User Story 3: View Stock

Description: As a user, I want to be able to search up a stock and view details about it.



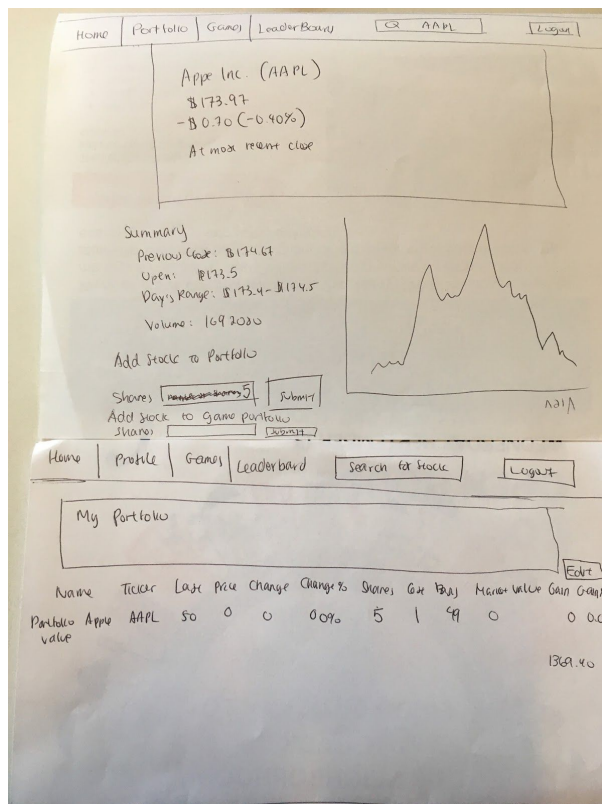
User Story 4: View Portfolio

Description: As a user, I want to be able to view my portfolio.



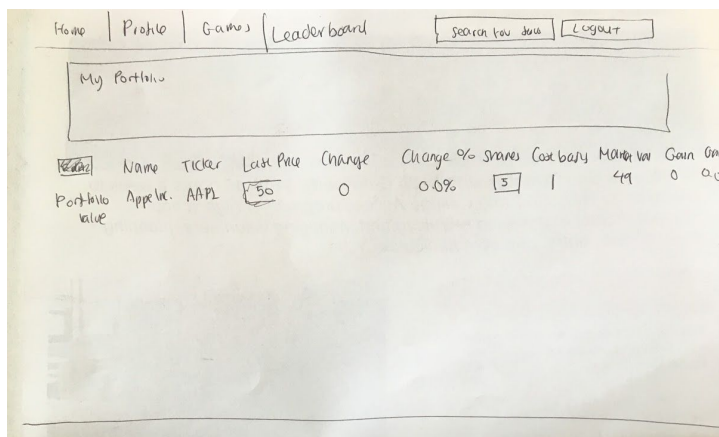
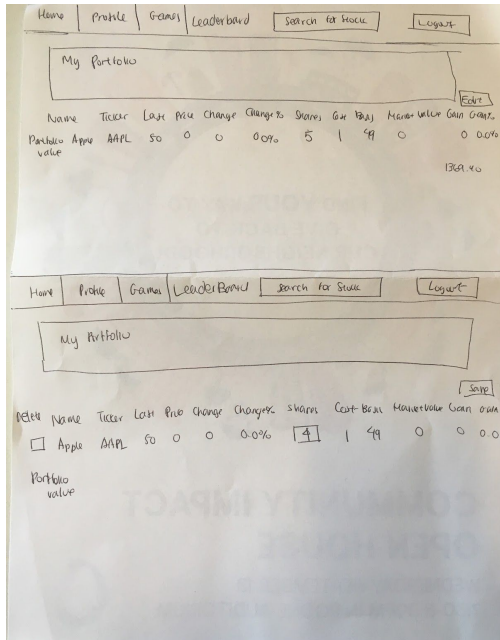
User Story 5: Add to Portfolio

Description: As a user, I want to be able to add stocks to my portfolio.



User Story 6: Edit Portfolio

Description: As a user, I want to be able to edit my portfolio by adding, deleting, or changing stocks in my portfolio



User Story 7: View Market Statistics News and Information

Description: As a user, I want to be able to view top performing stocks in the market, as well as general stock market performance, trends, as news.



User Story 8: Create a game

Description: As an admin user, I want to be able to create a game, set its duration, and make it available on the games tab for other users.

User Story 9: Participate in a game

Description: As a general user, I want to be able to join a game as an individual, or create a group to join the game.

User Story 10: Invite users to game group

Description: As a general user, I want to be able to invite other users to join my group for a game.

Home	Profile	Game	Leader Board	(Q Search for game)	Login
<div>Market game # 5 : Registration 2019-04-11 - 2019-07-11</div>					
<div>Aband: X X X</div>					
<div>Registration Rules: X X X</div>					
<div>Join Group: You are not part of any group yet.</div>					
<div>Join a group: <input type="text"/></div>					
<div>Create a new group:</div>					
<div>Group Name: <input type="text"/></div>					
<div>Invite other users: <input type="text"/></div>					
<div>Submit</div>					

Home	Profile	Game	Leader Board	(Q Search for game)	Login
<div>Market Game # 5 : Registration 2019-04-11 - 2019-07-11</div>					
<div>Aband: X X X</div>					
<div>Registration Rules: X X X</div>					
<div>Join Group:</div>					
<div>You are part of group XYZ with Team members a@z.com, b@z.com.</div>					
<div>Switch groups: <input type="text"/></div>					
<div>Create a new group:</div>					
<div>Group Name: <input type="text"/></div>					
<div>Invite other users: <input type="text"/></div>					
<div>Submit</div>					

User Story 11: View game portfolio

Description: As a general user, I want to be able to view the stocks in my, or my group's game portfolio.

If not registered for game:

Home Profile Game Leaderboard ~~Search~~ Logout
Market Game # 5
2017.04.11 - 2017.07.11

You are not registered to participate
in Market Game # 5.

The next market game begins on
2017.07.12 - stay tuned!

If registered for game:

Home Profile Game Leaderboard ~~Search~~ Logout
Market Game # 5
2017.04.11 - 2017.07.11

You have \$50681 cash left. ~~50681~~

Name	Ticker	Last Price	Change	My Shares	Cost	Gain	Gain %
Apple	AAPL	117.84	1.23	10	1178.40	117.84	1.00%
Google	GOOG	545.54	1.23	5	2727.70	545.54	1.00%

Portfolio Value: 1178.40 + 2727.70 = 3906.10

User Story 12: Edit Game Portfolio

Description: As a user, I want to be able to edit my game portfolio by adding, deleting, or changing stocks in my portfolio

Home Profile Game Leaderboard ~~Search~~ Logout
Market Game # 5
2017.04.11 - 2017.07.11

You have \$50681 cash left. ~~50681~~

Name	Ticker	Last Price	Change	My Shares	Cost	Gain	Gain %
Apple	AAPL	117.84	1.23	10	1178.40	117.84	1.00%
Google	GOOG	545.54	1.23	5	2727.70	545.54	1.00%

Portfolio Value: 1178.40 + 2727.70 = 3906.10

Home Profile Game Leaderboard ~~Search~~ Logout
Market Game # 5
2017.04.11 - 2017.07.11

You have \$50.681 cash left. ~~50681~~

Delete	Name	Ticker	Shares	Gain %
<input type="checkbox"/>	AAPL	117.84	10	1.00%
<input type="checkbox"/>	GOOG	545.54	5	1.00%

Portfolio Value: 1178.40 + 2727.70 = 3906.10

Error: You do not have enough cash.

User Story 13: View game statistics

Description: As a user, I want to be able to view game statistics, such as the top performer groups, most improved groups, leadership boards, etc.

If game has not yet been started by administrator:					If game has been started by administrator:																																																																																																																		
<p>Home Profile Game Leader Board <input type="button" value="Register"/> <input type="button" value="Logout"/></p> <div>Market Game # 5 2017.04.11 - 2017.7.11</div> <p>Leader Board</p> <p>Overall Monthly Weekly</p> <table><thead><tr><th>Rank</th><th>Username</th><th>Score</th><th>Market Value</th><th>Portfolio Value</th></tr></thead><tbody><tr><td>1</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>2</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>3</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>4</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>5</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>6</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>7</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>8</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>9</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>10</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr></tbody></table>					Rank	Username	Score	Market Value	Portfolio Value	1	~~~~~	~	~	~	2	~~~~~	~	~	~	3	~~~~~	~	~	~	4	~~~~~	~	~	~	5	~~~~~	~	~	~	6	~~~~~	~	~	~	7	~~~~~	~	~	~	8	~~~~~	~	~	~	9	~~~~~	~	~	~	10	~~~~~	~	~	~	<p>Home Profile Game Leader Board <input type="button" value="Register"/> <input type="button" value="Logout"/></p> <div>Market Game # 5 2017.04.11 - 2017.7.11</div> <p>Leader Board</p> <table><thead><tr><th>Rank</th><th>Username</th><th>Score</th><th>Market Value</th><th>Portfolio Value</th></tr></thead><tbody><tr><td>1</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>2</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>3</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>4</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>5</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>6</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>7</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>8</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>9</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr><tr><td>10</td><td>~~~~~</td><td>~</td><td>~</td><td>~</td></tr></tbody></table>					Rank	Username	Score	Market Value	Portfolio Value	1	~~~~~	~	~	~	2	~~~~~	~	~	~	3	~~~~~	~	~	~	4	~~~~~	~	~	~	5	~~~~~	~	~	~	6	~~~~~	~	~	~	7	~~~~~	~	~	~	8	~~~~~	~	~	~	9	~~~~~	~	~	~	10	~~~~~	~	~	~
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User Story 14: Logout

Description: As a general user, I want to be able to logout of my account.

Home | Profile | Games | Leaderboard | Search for stock | Logout

My Portfolio

	Name	Ticker	Last Price	Change	Change %	Shares	Cost basis	Market value	Gain/Loss	Gain %
Portfolio value	Apple Inc.	AAPL	50	0	0.0%	5	1	49	0	0.0%

The Stock Market Game

Login or create new account

☐ Remember me

Sign in

Class Diagrams

