

Portfolio

PREPARED FOR

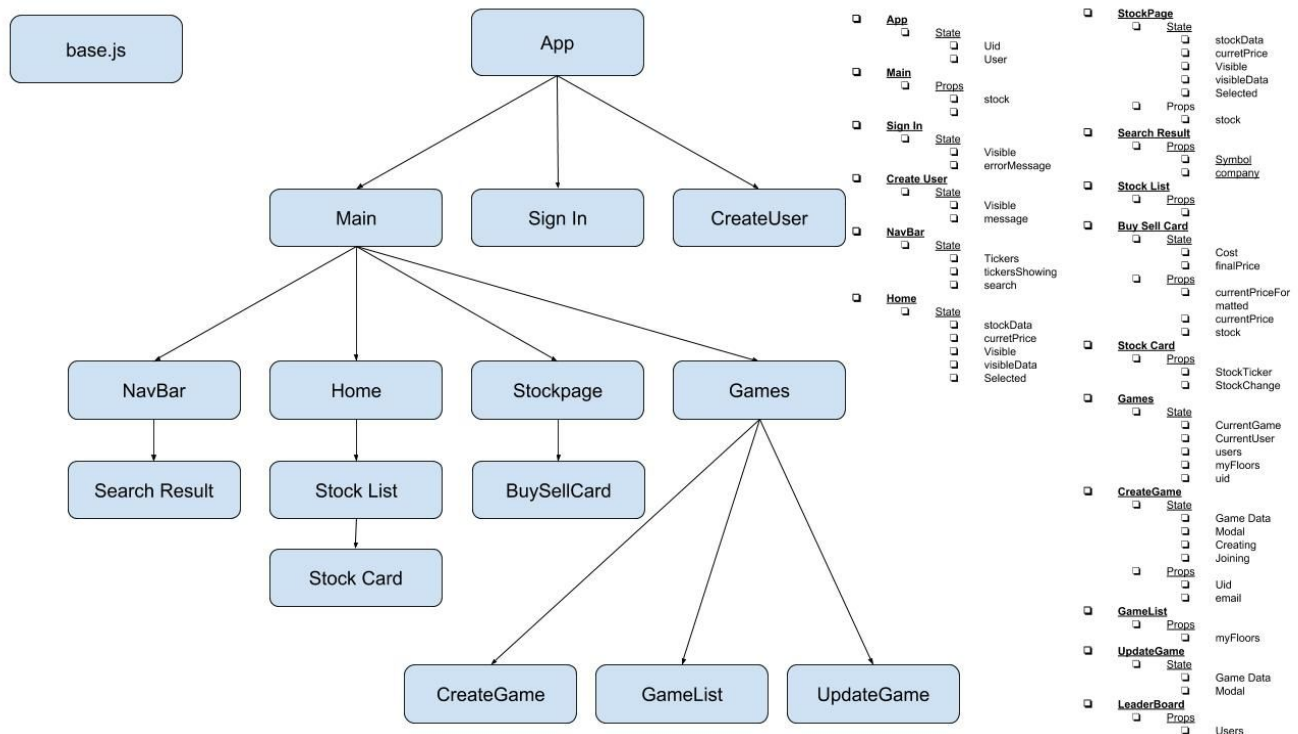
CS 408 Class Project

PREPARED BY

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Classification of Components

1.1 Define All Components



1.2 Which form of incremental testing

We used the bottom up approach because it makes testing much easier when you test the individual small components then worry about how they connect with their parent components. It also makes bugs stick out easier because we are looking at the small components first and then slowly adding higher level ones. It leaves a small area of location for the bugs to sit. Major bugs will be eliminated before connecting so the only worry is implementation bugs when it comes time to connect.

Incremental and Regression Testing

Module	Home Page
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Incremental Testing			
Date	09/24/2018		
Author	Kyle Brown		
#	Description	Severity	How Corrected
1	One month was not reloading new graph data	2	Fix variable naming problem in the code
2	The application should delete search results when new text is in the search bar	1	Set the ticker Showing variable to null on empty search
3	An error should be displayed when no data is returned from the API	2	Create an alert to catch API errors.

Regression Testing			
Date	09/24/2018		
Author	Kyle Brown		
#	Description	Severity	How Corrected
1	Watchlist was getting shrunk when nav bar moved	3	Make watchlist position not move
2	When searching for a stock in the nav bar, the navbar covers the graph and watchlist	2	Added a negative margin to the navbar
3	The stock graph was empty when the API errored or returned no data.	2	Create an alert to catch API errors and display them to the user.

Module	Stock Page
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Incremental Testing			
Date	09/24/2018		
Author	Kyle Brown		
#	Description	Severity	How Corrected
1	One year was not reloading new graph data	2	Fix variable naming problem in the code
2	The application should delete search results when new text is in the search bar	1	Set the ticker Showing variable to null on empty search
3	Buy sell card was accepting a negative number of stocks	1	Added a check to ignore negative input
4	An error should be displayed when no data is returned from the API	2	Create an alert to catch API errors.

Regression Testing			
Date	09/24/2018		
Author	Kyle Brown		
#	Description	Severity	How Corrected
1	Buy sell card was getting shrunk when nav bar moved	3	Make watchlist position not move
2	When searching for a stock in the nav bar, the navbar covers the graph and watchlist	2	Added a negative margin to the navbar
3	The stock graph was empty when the API errored or returned no data.	2	Create an alert to catch API errors and display them to the user.

Module	Games Page
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Incremental Testing			
Date	09/24/2018		
Author	Jeremy Putnam - Riley Robertson		
#	Description	Severity	How Corrected
1	Create game display not showing correctly	2	Used a 'this' reference instead of using 'this' directly
2	Join game display not showing correctly	2	Used a 'this' reference instead of using 'this' directly
3	Floor list was not updating when new games were joined	1	The component had to be refreshed to check the database again
4	The leaderboard component only showed the leader of each game	2	Fixed conditional on loop to check for all the users
5	Duplicate users in the game list	3	Created check to restrict joining the same game twice
6	Date object not registering correctly in the backend	1	Changed the way that dates are stored to better function
7	Date object not registering correctly in the input	2	Made it display/input as a string and convert to a date object
8	Add game button would not open a modal	2	Edited state so it set properly on button click
9	Usernames were not being added to the leaderboard	2	Database was updated to properly add a username to the database
10	Front end was not getting server messages if there was an error	2	Made the backend return custom status codes
11	Multiple users could create accounts with the same username	2	Changed the user field to be a unique key
12	Users could join the same game multiple times	1	Added a check to ensure user is not already in the game

Regression Testing			
Date	09/24/2018		
Author	Jeremy Putnam - Riley Robertson - Jake Koontz		
#	Description	Severity	How Corrected
1	Games settings weren't updating from databases	2	Fixed database call to associate data correctly
2	The front end was not getting database information after updating promises.	1	Fixed API logic to correctly return data
3	Game code would sometimes appear and crash the program when a user is not the leader	1	Added null checks
4	Added in the edit button, was displaying to all users	2	Made it to where only leader could see the edit button
5	User would have a separate IDs from Mongoddb and Firebase.	2	Overwrote the Mongoddb ID with the Firebase ID
6	User could pick end date before start date	1	Made a check to make sure end date was after start date
7	Game codes could be duplicated and cause no game to load	1	Added a database check to look for duplicate game codes
8	User could enter in a negative trade limit	1	Made it to where trade limit has to be at least 0
9	User could enter in a negative starting value	1	Made it to where the starting amount has to be at least 1 dollar

Updated Backlog

Milestone	Tasks		
#	As a user	Hours	Planned Status
1.01	As a user, I would like to be able to create an account	7	Completed in Sprint 1
1.02	As a user, I would like to be able to login into my account	7	Completed in Sprint 1
	As an Investor		
1.03	As an investor, I would like to have my portfolio performance on my home page	22	Completed in Sprint 1
1.04	As an investor, I would like to have a list of my currently owned stocks and current prices	15	Sprint 2
1.05	As an investor, I would like to have a list of my stock watchlist and current prices	15	Sprint 2
1.06	As an investor, I would like to be able to sort and filter stocks on any stock pages (watchlist/owned list/ search)	20	Sprint 2
1.07	As an investor, I would like to be able to search for new stock tickers	20	Completed in Sprint 1
1.08	As an investor, I would like to be able to add a stock to my watchlist	12	Sprint 2
1.09	As an investor, I would like to be able to view a stock page that has data on historical performance and market data for the current day	25	Completed in Sprint 1
1.10	As an investor, I would like to be able to buy a specified quantity of the stock I am currently on	18	Sprint 2
1.11	As an investor, I would like to be able to sell a specified quantity of the stock that I currently own	18	Sprint 2
1.12	As an investor, I would like to be able to see a leaderboard with the portfolio values of everyone in the game	12	Completed in Sprint 1
1.13	As an investor, I would like to be able to click on a user on the leaderboard and see a graph of their portfolio's value	15	Sprint 2
	As a Game Creator		
1.14	As a game creator, I would like to be able to start a game lobby and specify the game rules	10	Completed in Sprint 1

1.15	As a game creator, I would like to be able to change the rules of a game which is already created before it starts	12	Completed in Sprint 1
1.16	As a game creator, I would like to be able to invite other users to join the game	12	Completed in Sprint 1