

## **Milestone 2 - Project Plan**

**Team number:** 104-3

**Team name:** Orange

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### **Project Features:**

- Logs in/Creates Account
  - A user should be able to create an account to save and come back to one's net worth.
  - They should be able to personalize their account.
- Calculates Net Worth
  - After creating an account, one needs to be able to input various assets and liabilities to one's economic status
  - The program then needs to do a simple summation to create a net worth value.
- Share data with other users
  - User should be able to take their net worth and share it with other users
- Customize sharing settings
  - User should be able to toggle which specific information they choose to share with other users
    - If a user has a lot of loans, they can opt to not share that particular liability with other users
- Suggest ways for the user to improve their financial health (stats)
  - Point out specific areas where the user is spending significant amounts of money
- Compares results to various celebrities
  - After calculating one's net worth, there will be a functionality for the program to be able to compare one's personal net worth to individuals that are famous for one reason or another.

## Requirements:

#	Feature	Functional Requirements	Non-Functional Requirements
1	Logs in/Creates Account	<ul style="list-style-type: none"><li>-allows user to enter username &amp; password in text fields</li><li>-authenticates user</li><li>-protects visibility user password while typing</li><li>-allows new users to create new account</li><li>-Redirects user to the main page if credentials are correct</li></ul>	<ul style="list-style-type: none"><li>-must allow user to create new account if they do not have one</li><li>-new user data must be added to SQL database</li><li>-allow user to log in if they enter correct credentials</li><li>-verify user data upon submission of credentials before allowing them to continue</li></ul>
2	Calculates Net Worth	<ul style="list-style-type: none"><li>-ability to take user input for data used in calculations</li><li>-ability for user to change or save their data</li><li>-calculates net worth using data inputted by user</li></ul>	<ul style="list-style-type: none"><li>-performs net worth calculation accurately(accuracy)</li><li>-performs net worth calculation quickly</li><li>-results must be stored in database so that user to view on their profile page</li></ul>
3	Shares data with other users	<ul style="list-style-type: none"><li>-ability to share link to your profile with another user</li><li>-Sends automatic email with link upon receiving email or the username of another user</li></ul>	<ul style="list-style-type: none"><li>-must allow user to send this link to any valid email or username</li><li>-send email quickly</li><li>-generate response that allows user know if input was valid</li><li>-maintain data for all users of the app in a database</li></ul>
4	Customize sharing settings	<ul style="list-style-type: none"><li>-System gives the user several options for what information they wish to share and which to withhold.</li><li>-Saves and applies changes to user settings</li></ul>	<ul style="list-style-type: none"><li>-Disable/enable appropriate views for external users based on user selection.</li><li>-Stores data so that these preferences stay (reliability)</li></ul>
5	Suggests ways for user to improve financial health	<ul style="list-style-type: none"><li>-Gives suggestions to a user can improve one's net worth.</li><li>-Bases suggestions on predefined formula</li></ul>	<ul style="list-style-type: none"><li>--performs calculations accurately</li><li>-performs calculations quickly</li><li>-readability of results</li><li>-uses data from various data tables/sources to provide meaningful results</li></ul>
6	Compares results to various celebrities	<ul style="list-style-type: none"><li>-System compares the user's network to that of any particular celebrity they choose.</li></ul>	<ul style="list-style-type: none"><li>-prepopulate a diverse list of celebrities for user to choose from (scalability)</li><li>- Provide results quickly and accurately</li></ul>

## Project Plan

	Task Name	Start Date	End Date	Duration	% Complete	Status	Assigned To
1							
2	<b>[-] "Log in/Create Account" feature</b>	<b>03/11/19</b>	<b>03/19/19</b>	<b>9d</b>	<b>30%</b>	<b>In Progress</b>	
3	Create CSS/HTML login page	03/11/19	03/15/19	5d	50%	In Progress	Konlan Rondini
4	Build SQL DB for entire project	03/15/19	03/15/19	1d	50%	In Progress	Nicole Costello
5	Build SQL data table to store login/user data	03/15/19	03/15/19	1d	0%	In Progress	Nicole Costello
6	Connect DB using NodeJS	03/17/19	03/19/19	3d	0%	Not Started	Zhongzhi Zhang
7	<b>[-] "Calculate Net Worth" feature</b>	<b>03/19/19</b>	<b>03/24/19</b>	<b>6d</b>	<b>0%</b>	<b>Not Started</b>	
8	Create CSS/HTML for data entry/calculations page	03/19/19	03/21/19	3d	0%	Not Started	Dylan Sain
9	Build SQL data table for storing users financial data	03/19/19	03/19/19	1d	0%	Not Started	Nicole Costello
10	Implement javascript for calculations	03/22/19	03/23/19	2d	0%	Not Started	Liyang Ru
11	Connect SQL database using NodeJS	03/23/19	03/24/19	2d	0%	Not Started	Zhongzhi Zhang
12	<b>[-] "Share data with other users" feature</b>	<b>03/24/19</b>	<b>03/26/19</b>	<b>3d</b>	<b>0%</b>	<b>Not Started</b>	
13	Create CSS/HTML button/window for sharing	03/24/19	03/25/19	2d	0%	Not Started	Konlan Rondini
14	Connect SQL DB using NodeJS (contact info)	03/26/19	03/26/19	1d	0%	Not Started	Liyang Ru
15	<b>[-] "Customize sharing settings" feature</b>	<b>03/26/19</b>	<b>03/30/19</b>	<b>5d</b>	<b>0%</b>	<b>Not Started</b>	
16	Create CSS/HTML form	03/26/19	03/28/19	3d	0%	Not Started	Konlan Rondini
17	Create SQL data table for storing preferences	03/26/19	03/26/19	1d	0%	Not Started	Nicole Costello
18	Connect SQL DB using NodeJS	03/29/19	03/30/19	2d	0%	Not Started	Zhongzhi Zhang
19	<b>[-] "Suggest ways for the user to improve financial health" feature</b>	<b>03/27/19</b>	<b>04/05/19</b>	<b>10d</b>	<b>0%</b>	<b>Not Started</b>	
20	Build CSS/HTML page for suggestions	03/30/19	04/01/19	3d	0%	Not Started	Konlan Rondini
21	Research metrics/tips used for financial health	03/27/19	03/29/19	3d	0%	Not Started	Dylan Sain
22	Build SQL data table with suggestions based on net worth	03/30/19	03/30/19	1d	0%	Not Started	Nicole Costello
23	Connect SQL DB using NodeJS	04/02/19	04/03/19	2d	0%	Not Started	Zhongzhi Zhang
24	Implement Java Script to choose & display suggestions	04/04/19	04/05/19	2d	0%	Not Started	Liyang Ru
25	<b>[-] "Compare results to various celebrities" feature</b>	<b>03/27/19</b>	<b>04/05/19</b>	<b>10d</b>	<b>0%</b>	<b>Not Started</b>	
26	Gather data from external sources	03/27/19	04/01/19	6d	0%	Not Started	Dylan Sain
27	Build CSS/HTML page for celebrity comparisons	04/01/19	04/03/19	3d	0%	Not Started	Konlan Rondini
28	Build SQL data table for holding celebrity info	04/01/19	04/02/19	2d	0%	Not Started	Nicole Costello
29	Connect SQL DB using NodeJS	04/04/19	04/05/19	2d	0%	Not Started	Zhongzhi Zhang
30	<b>[-] Testing</b>	<b>04/06/19</b>	<b>04/25/19</b>	<b>20d</b>	<b>0%</b>	<b>Not Started</b>	
31	Test login page	04/06/19	04/10/19	5d	0%	Not Started	Konlan Rondini
32	Test user settings	04/06/19	04/10/19	5d	0%	Not Started	Zhongzhi Zhang
33	Test sharing feature	04/06/19	04/10/19	5d	0%	Not Started	Liyang Ru
34	Test comparisons page	04/06/19	04/10/19	5d	0%	Not Started	Dylan Sain
35	Test suggestions page	04/06/19	04/10/19	5d	0%	Not Started	Dylan Sain
36	Test ease of use/reliability	04/06/19	04/10/19	5d	0%	Not Started	Nicole Costello
37	Correct misc errors found/ Additional testing	04/06/19	04/25/19	20d	0%	Not Started	All

[illegible]