Milestone 2 - Project Plan

Team number: 104-3
Team name: Orange
Team Members: Konlan Rondini, Nicole Costello, Dylan Sain , Zhongzhi Zhang, Liyang Ru

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	-allows user to enter username & password in text fields -authenticates user -protects visibility user password while typing -allows new users to create new account -Redirects user to the main page if credentials are correct	-must allow user to create new account if they do not have one -new user data must be added to SQL database -allow user to log in if they enter correct credentials -verify user data upon submission of credentials before allowing them to continue
2	Calculates Net Worth	-ability to take user input for data used	-performs net worth calculation

		in calculations -ability for user to change or save their data -calculates net worth using data inputted by user	accurately(accuracy) -performs net worth calculation quickly -results must be stored in database so that user to view on their profile page
3	Shares data with other users	-ability to share link to your profile with another user -Sends automatic email with link upon receiving email or the username of another user	-must allow user to send this link to any valid email or username -send email quickly -generate response that allows user know if input was valid -maintain data for all users of the app in a database
4	Customize sharing settings	-System gives the user several options for what information they wish to share and which to withhold. -Saves and applies changes to user settings	-Disable/enable appropriate views for external users based on user selection. -Stores data so that these preferences stay (reliability)
5	Suggests ways for user to improve financial health	-Gives suggestions to a user can improve one's net worth. -Bases suggestions on predefined formula	--performs calculations accurately -performs calculations quickly -readability of results -uses data from various data tables/sources to provide meaningful results
6	Compares results to various celebrities	-System compares the user's networth to that of any particular celebrity they choose.	-prepopulate a diverse list of celebrities for user to choose from (scalability) - Provide results quickly and accurately

Project Plan

feature name	when it will happen (order)	start date	end date	who will do it
Login/Account creation page	**2**	**3/11/19**	**3/18/19**	**Konlan, Nicole, Nino**
Net Worth Calculator	**1**	**3/11/19**	**3/18/19**	**Dylan, Liyang**

Sharing capabilities	4	3/18	4/01	Konlan, Nicole
Customization of sharing preferences	6	4/01	4/08	Konlan
Celebrity Comparison Capabilities	5	3/25	4/01	Liyang, Nino
Financial health suggestions	3 (start early finish late)	3/18	4/08	Dylan, Nicole

PAGES:
- Login
- Home
- Social
- Account Management
- Input Page

SEQUENCE OF FEATURE DEVELOPMENT:
1. Login Page
2. Net Worth Calculator
3. Sharing capabilities
4. Customization of sharing preferences
5. Comparison capabilities
6. Financial health suggestions