

## Milestone 4

**Team number:** 104-3

**Team name:** Orange

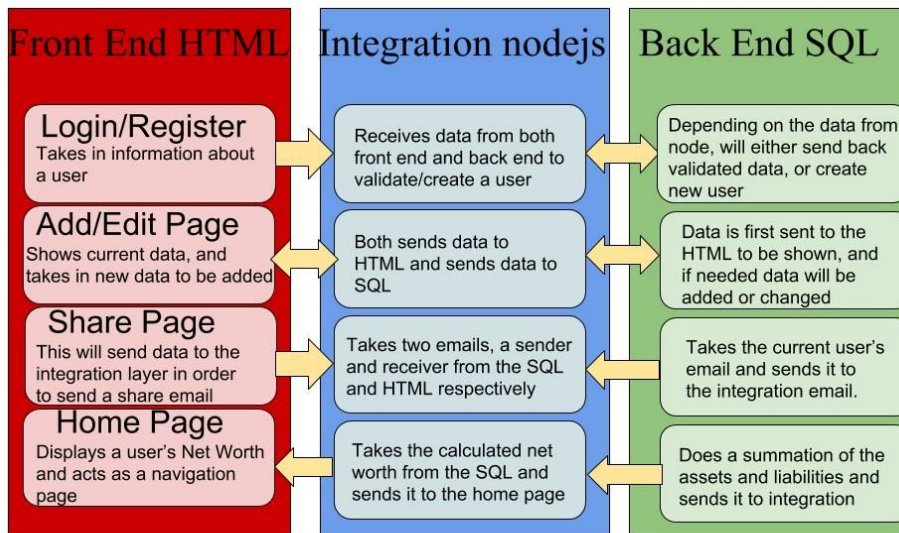
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### Revised list of features:

Features	Description	Priority
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.	1
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.	2
Edit assets/liabilities	-The user can edit the assets and liabilities (delete, edit name, change amount or categories) after inputting them.	3
Share data with other users	-User should be able to take their net worth and share it with other users	4
	-User should be able to toggle which specific information they choose to share with other users	

Customize sharing settings	(If a user has a lot of loans, they can opt to not share that particular liability with other users)	5
Suggest ways for the user to improve their financial health	-Point out specific areas where the user is spending significant amounts of money	6
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.	7
Test	-Test all the parts and connections. Correct errors and make sure the program works well.	8

### Architecture Diagram:



### Front End design:

The rough outlines of what we want our Front-End to look like are submitted as a zip folder under Konlan's moodle account.

### Web Service Design:

At the moment we will not be using any APIs, this decision is subject to change in the future. Mainly depending on Celebrity info and data.

## Back End Design:

DBMS used: PostgreSQL to create two databases needed for app (note: Entity Relationship Diagram created in MySQL for appearance).

Entity Relationship Diagrams:

### 1. “net\_worth\_db” Database

List of relations			
Schema	Name	Type	Owner
public	assetinfo	table	postgres
public	liabilityinfo	table	postgres
public	networthinfo	table	postgres
public	userinfo	table	postgres



### 2. “celebrity\_db” Database

List of relations			
Schema	Name	Type	Owner
public	celebritydata	table	postgres

celebrityData	
🔑	celebID INT
🔑	firstName VARCHAR(45)
🔑	lastName VARCHAR(45)
🔑	netWorth VARCHAR(45)
🔑	occupation VARCHAR(45)
🔑	age INT8
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