Due: Monday, October 2, 2017, 8:00 AM (submit to BlackBoard, under Assignments)

File Type: Microsoft Word

Team Name: Team 6

**Team Members and email addresses:**

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**Project Description (150-250 words)**

* We believe that everyone should have access to an intelligent financial advisor tailored to their specific needs. More than a majority of millennials do not seek financial advice from professionals. Due to the lack of guidance, millennials will learn the consequences of their financial actions such as undertaking large amounts of loans, not investing for their retirement, and much more the hard way. Even if millennials were to seek online resources, the information would be scattered and not tailored to their specific situation. Project-581 seeks to solve this lack of guidance by streamlining the advising process, connecting all of the user’s financial data, and analyzing different options to best complete the user’s financial goals.
* The end result of this project will be a web application where users can provide their financial data, describe their financial goals, and receive recommendations on how to best achieve such goals. Project-581 will serve as the central source for the user’s finances and users will be able to see the trajectory of where they are financially heading. One of the emphasis of Project-581 that sets it apart from other financial applications is the focus on how users can achieve their financial goals given their current situation. Project-581 will be an application that users can use throughout their lifetime to receive guidance on the many financial situations that they will face.

**Project Milestones**

*First semester*:

* Acquire and research required resources and APIs. Completion date: 10/6/17.
* First prototype/wireframe mock-up. Completion date: 10/20/17.
* MVP back end implemented. Completion date: 11/3/17
* MVP front end implemented. Completion date: 11/10/17
* Set up/configure cloud platform (Heroku) and establish connections to our application. Completion date: 11/17
* First round of QA, plan additional functionalities/enhancements. Completion date: 12/1/17

*Second semester*:

* Research improvements, acquire project feedback from potential users. Completion date: 1/26/18
* Generate requirements from feedback (as well as documentation) and implement improvements. Completion date: 3/2/18
* Second round of QA, code refactoring. Completion date: 3/23/18
* Second round of project feedback and implement improvements. Completion date: 4/13/18
* Last round of QA. Completion date: 4/27/18

**Project Budget**

Estimated cost: $0

Project-581 will be minimal in cost. We are developing a web application with no hardware needs. Our project will be hosted on Heroku using their Free plan. If we discover we need to upgrade to the next tier (“Hobby”), our costs will be $7/month to host our project. Also, we will rely on the free (testing) tier of API’s for the MVP of our project. We do not foresee any special training to implement our app.

**Work Plan**

* Ashley:
  + Backend development
  + Database management
* Rabel:
  + Backend development
  + Database management
  + Retrieval of data from API’s
  + MVP validation by interviewing possible users
* Hannah:
  + Initial wireframing (pencil and paper, Sketch app)
  + Interactive prototype of higher fidelity front-end mock-ups (Marvel app)
  + Development of front-end views (HTML, CSS, Bootstrap framework)
  + Videos for our project
* Josh:
  + Backend development
  + QA/code refactoring

**Github link:** <https://github.com/rabelmarte/project-581>