

Fab Five / Team Orange Contract

Fall 2016 HRAD/CS

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1 Map location- drop pins and change colors based on where they have been

1.1 Requirement 1: Research

- 1.1.1 Need to understand how to add maps to a project and whether or not we can interact with the pin drop paradigm**

1.2 Requirement 2: Tasks

1.2.1 Location Class

- 1. Name
- 2. Date
- 3. Tie to Record
- 4. Array of Pins
- 5. Longitude
- 6. Latitude
- 7. Type - Used to determine Pin color

1.2.2 Pin Class

- 1. Name
- 2. Color
- 3. Longitude
- 4. Latitude

1.3 Requirement 3: Total Time Estimate

- 1. 28 hours - 20 research, 4 location class, 4 pin class

2 You can create a network by adding friends

2.1 Requirement 1: Research

- 2.1.1** Need to understand how to either store friends as part of the app or integrate with facebook

2.2 Requirement 2: Tasks

2.3 Requirement 3: Total Time Estimate

- 1. 12 hours - 4 research, 8 implementation

3 Share your trips with friends

3.1 Requirement 1: Research

- 3.1.1** Need to understand how to either store friends as part of the app or integrate with facebook

3.2 Requirement 2: Tasks

3.3 Requirement 3: Total Time Estimate

- 1. 12 hours - 4 research, 8 implementation

4 Based on past trips travel junkie will suggest future trips for the individual

4.1 Requirement 1: Research

- 4.1.1 This would need to be simulated. It would require a database that could potentially use all our time in creation and still not be completed.

4.2 Requirement 2: Tasks

4.3 Requirement 3: Total Time Estimate

- 1. We could possibly simulate this, but it would take a ton of time to make this a reality. Maybe we could create a form that HRAD could use to provide a number of records to pretend this is linked to a database that can suggest similar trips.
- 2. 40 hours

5 Have a shared folder with friends and plan trips together

5.1 Requirement 1: Research

- 5.1.1 Need to understand how to store this data on our database so the users will all see the same “trip”

5.2 Requirement 2: Tasks

5.2.1 Database

- 1. Access needs a key? so multiple users have the same access to the “trip”
- 2. Table for shared records with the “users”?

5.3 Requirement 3: Total Time Estimate

1. 80 hours - 2 people will be focusing on this piece. We are going to have to revisit this piece to confirm the time required. Need to build a database, then write the iOS code that can access it, which will also include utilizing multi-threading so that calls to the DB do not “lock up” the app while awaiting responses.

6 Option to give a estimated price per person

6.1 Requirement 1: Research

- 6.1.1 Need to understand how to map the math for this expectation. Further description required.

6.2 Requirement 2: Tasks

6.3 Requirement 3: Total Time Estimate

1. 20 hours - link to map classes and calculations

7 Links to business website

7.1 Requirement 1: Research

- 7.1.1 This would need to be simulated. This may be one that we could give HRAD the format to give me the data and I can add it into a table so more data would be available. Further description required.

7.2 Requirement 2: Tasks

7.3 Requirement 3: Total Time Estimate

- 1. 40 hours - create form for HRAD to supply examples and we will add to database.

8 Design

8.1 Colors

8.2 Images

8.3 Parts Integration

8.4 Requirement 3: Total Time Estimate

- 1. 80 hours - This is the finalizing and beautification that comes after functionality is achieved.

9 Grand Total

- 1. 28 hours
- 2. 12 hours

3. 12 hours
4. 40 hours
5. 80 hours
6. 20 hours
7. 40 hours
8. 80 hours
9. Total - 312 hours

Deadline: November 25, 2016 23:59