

## **Sprint 3 Plan: GroupThink**

**Team: Sean Dougher, Michael Gates, Ryan Monroe, Savanna Jordan**

**Sprint Completion Date: 11/23/16**

**Revision Number: 1, Revision Date: 11/9/16**

**Goal:** In this sprint we plan to re-evaluate our completed tasks and make sure they are sufficiently implemented and tested. We also plan to implement additional features for an administrator for GroupThink.

### **Tasks:**

1. *As a user I want to be able to be in multiple classes so that I can use GroupThink with more than one group project.*
  - Ensure that each class has a unique ID in the database (1 Working Hour)
  - Create page that allows users to join an existing class (using unique ID) or create a new class and display a unique ID (6 Working Hours)
  - Total Working Hours: 7
2. *As a project owner, I would like to see matching students so I can assemble a team.*
  - Create simple matching algorithm that matches based on skills (2 Working Hours)
  - Let users add skills to their profile and store it in their “student” db (3 Working Hours)
  - Create a function that queries the table and returns users with matching skills (4 Working Hours)
  - Total Working Hours: 9
3. *As a user I want to be able to view all member profiles in my class so I can search for teammates.*
  - Create a “class members” page that displays all members of the class (1 working hour)
  - Format class members page (1 Working Hour)
  - Total Working Hours: 2
4. *As a user, I would like to view other user profiles so that I can evaluate possible teammates.*
  - From the “class members” page, implement a “clickable” function that will allow users to click on a single member and be taken to their profile page (3 Working Hours)
  - Create a public profile page (1 Working Hour)
  - Total Working Hours: 4
5. *As a project owner, I would like to be notified if someone requests to join my project.*
  - Create field “Users\_requesting\_to\_join” in a table (.5 Working Hours)
  - Add a “join project” button to the project post (1 Working Hour)

- Receive notifications (users requesting to join) (1 Working Hour)
  - Be able to accept/deny a user (as project owner) (2 Working Hours)
  - Total Working Hours: 4.5
6. *As a user, I would like GroupThink to be a hosted website, so that I can access the site from anywhere.*
- Setup Google Cloud Platform (2 Working Hours)
  - Migrate the database from sqlite to Google Cloud Platform (2 Working Hours)
  - Total Working Hours: 4
7. *As a professor (admin) I would like a class page that is private to my students, so that only my current students can access projects/profiles.*
- Users only see projects for classes they are in
  - Task2
  - Task3
8. *As a professor (admin) I would like to view statistics on class participation, to facilitate project and group management.*
- Statistics needs to be more well defined...
  - Display size of user table
  - Display size of project table
9. *As a project owner, I want the ability to approve/deny someone's request to be in my project.*
- Project owner clicks a button to approve or deny
  - If denied, user is removed from users\_requesting\_to\_join table
  - If approved, user is removed from users\_requesting\_to\_join table and added to current members of project
10. *As a professor (admin) I would like to be able to post sponsored projects.*
- Professor can post a project where they can approve/deny users

### **Team Roles:**

Sean Dougher: Backend Developer

Savanna Jordan: Developer (Frontend)

Ryan Monroe: Scrum Master, Developer (Backend)

Michael Gates: Product Owner, Frontend Developer

### **Initial Tasks:**

*Sean Dougher: User stories assigned:*

- 1 (multiple classes)
- 2 (matching algorithm)
- 3 (view all profiles)

- 4 (*view specific profiles*)
- 7 (*class page*)
- 8 (*statistics*)

*Savanna Jordan: User stories assigned:*

*Ryan Monroe: User stories assigned:*

*Michael Gates: User stories assigned:*

- 1 (*multiple classes*)
- 6 (*hosted website*)
- 7 (*class page*)
- 10 (*sponsored projects*)

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