Sprint 2 Plan: GroupThink

Team: Sean Dougher, Michael Gates, Ryan Monroe, Savanna Jordan
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Goal: In this sprint we plan to add additional features to the GroupThink website that will enhance the user experience and make it more enjoyable and efficient. In specific, at the end of this sprint users will be able to login to one or more class pages. We will also be implementing more features so project owners will be able to edit their projects and team members, as well as view information about others in the class and what projects they are working on.

Tasks:
- *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*
- *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*
- *As a user I would like to be able to distinguish between open and closed projects.*
  - *Add a field to Project called "Open?", a boolean that when false, will mark the project as closed (1 Working Hour)*
  - *Display this information in each project page (1 Working Hour)*
  - *Total Working Hours: 2*
- *As a project owner I would like to edit my project.*
  - *Be able to edit project fields from the web page (1 Working Hour)*
  - *Add list of possible skills (1 Working Hour)*
  - *Add field for group member emails (1 Working Hour)*
  - *Total Working Hours: 3*

- *As a user I want to be able to view all member profiles in my class*
  - *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*
- *As a user, I would like to view other users to see their information.*
  - *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*
- *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*
- *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*

Team Roles:
Sean Dougher: Backend Developer
Savanna Jordan: Scrum Master, Developer (Frontend)
Ryan Monroe: Developer (Backend)
Michael Gates: Product Owner, Frontend Developer

Initial Tasks:
Sean Dougher: User stories assigned:
- *1 (multiple classes)*
- *2 (matching algorithm)*
- *5 (view all profiles)*
- *6 (view specific profile)*

Savanna Jordan: User stories assigned:
- *3 (open/close projects)*
- *4 (edit project)*
- *5 (view all profiles)*

- *6 (view specific profile)*

Ryan Monroe: User stories assigned:
- *1 (multiple classes),*
- *2 (matching algorithm)*
- *7 (notifications) (pushed to sprint 3 until further notice)*
- *3 (open/close projects)*

Michael Gates: User stories assigned:
- *1 (multiple classes)*
- *2 (matching algorithm)*
- *4 (edit project)*
- *5 (view all profiles)*