<h1 style="text-align:center">Sprint 3 Plan: GroupThink</h1>

<p style="text-align:center">Team: Sean Dougher, Michael Gates, Ryan Monroe, Savanna Jordan
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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 (2 Working hours)
   - Total Working Hours: 2

8. *As a professor (admin) I would like to view statistics on class participation, to facilitate project and group management.*
   - *Display size of user table [number of students enrolled]* (1 working hours)
   - *Display size of project table [number of projects]* (1 working hours)
   - *Display students not in a project* (2 working hours)
   - Total Working Hours: 4

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 (1 working hour)
   - Javascript integration (1 working hour)
   - If denied, user is removed from users_requesting_to_join table (1 working hour)
   - If approved, user is removed from users_requesting_to_join table and added to current members of project (1 working hour)
   - Total Working Hours: 4

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 (1 working hour)
    - Total Working Hours: 1

11. *As a professor I would like to be able to add/remove students*
    - Adds a button to courses that allows dropping of course/students (2 working hours)
    - Total Working Hours: 2

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)*
- *7 (class page)*
- *8 (statistics)*
- *9 (request to join)*
- *10 (sponsored project)*
- *11 (add/drop students)*
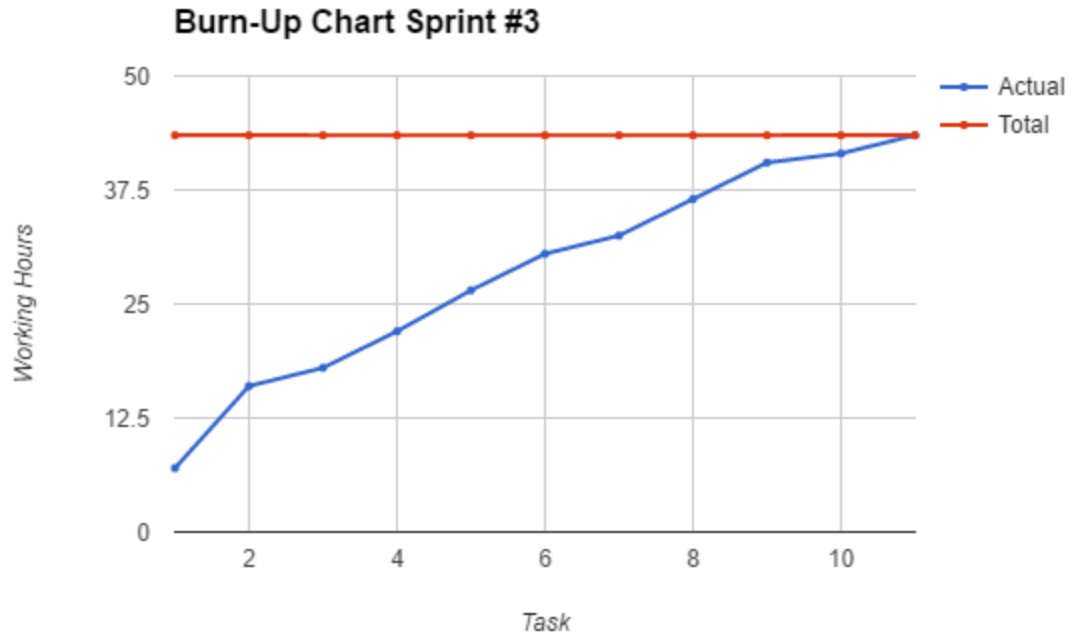
Savanna Jordan: User stories assigned:
- *1 (multiple classes)*
- *3 (view all profiles)*
- *4 (view specific profiles)*
- *5 (Notifications)*
- *9 (request to join)*
- *10 (sponsored project)*
- *11 (add/drop students)*

Ryan Monroe: User stories assigned:
- *1 (multiple classes)*
- *2 (Matching algorithm)*
- *5 (Notifications)*
- *6 (hosted website)*
- *7 (class page)*
- *8 (statistics page)*
- *9 (request to join)*
- *10 (sponsored projects)*
- *11 (add/drop students)*

Michael Gates: User stories assigned:
- *1 (multiple classes)*
- *6 (hosted website)*
- *7 (class page)*
- *9 (request to join)*
- *10 (sponsored projects)*
- *11 (add/drop students)*

Burn-Up Chart Sprint #3

User Stories	Not Started	In Progress	Completed
Multiple Classes	- Unique Id - Page for Joining		
Matching Algorithm	- Create Algorithm - Let User add skills - Return matching users		
View All Members	- Page of all members - format page		
View other Users	- Clickable profiles - Public profiles		
Notifications	- Users_requesting_to_join		

	- field - Join project button - Notifications - Accept/deny		
Hosted Site	- Google cloud - migrate		
Private Page	- View projects only for class		
Stats Page	- Size of user table - Size of project table - Students not in project		
Approve / Deny	- Clickable approve / deny - Javascript - Remove from requesting to join if denied or accepted - Approvals must be added to project		
Sponsored Projects	- Professors can post projects		
Add / Remove Students	- Button for adding and dropping students		