Brainstorming for Project 2:

# Tutoring Management Application

Review system for Tutors and for Students

Tracks student usage hours

Tracks tutor work hours

Tracks individual course/instructor to flag for difficulty

Parent or Admin roles

Tutoring 1-1 or group

# Day 1 Task List:

Start by making user story list.

* Prioritized for MVP
* Three categories:
  + What is necessary for MVP
  + Our planned goal
  + Stretch goals (at least one goal that is not achievable for us right now, but you can go back to in staging
* Email to Ryan

Plan DB/ERD

Feature files for all features in first two categories.

\*Users are: tutors, students, tutoring mgmt., course instructors.

# User Stories

As a <type of user>, I want to <goal/objective> so that <benefit/reason/result>.

## MVP:

1. As a user, I want to login so that I can access my home page.
2. As a user, I want to register a new account so that I can access my home page.
3. As a student, I want to see tutor schedules so that I can schedule tutoring.
4. As a student, I want to search for my course so that I can schedule tutoring.
5. As a user, I want to view contact information so that I can communicate with other users.
6. As a tutor, I want to view the number of hours spent in tutoring so that I can keep track of it.
7. As a tutor manager, I want to total hours for students and tutors so that I can keep track of it.

## Goal:

1. As a tutor manager, I want to approve new tutor accounts so that tutor accounts can be activated.
2. As an admin, I want to have all privileges of other accounts so that I can manage the system.
3. As a tutor, I want to set my schedule so that I can work my available hours.
4. As a tutor manager, I want to approve tutor schedules so that I know the availability coverage.
5. As a tutor, I want to set my available courses so that I can tutor what I know.
6. As a student, I want to search for walk-in availability so that I can received unscheduled tutoring.
7. As a tutor, I want to log a walk-in session to keep track of hours worked.
8. As a student, I want to view the number of hours spent in tutoring so that I can keep track of it.

## Stretch:

1. As a tutor, I want to update my schedule so that I can accommodate Life.
2. As a tutor manager, I want to view availability coverage so that I request changes to tutor availability.
3. As a tutor manager, I want to override a tutor’s availability so that less availability can be accommodated. (ie emergencies)
4. As a course instructor, I want to see how many students have used tutoring for my classes so that I can adapt my course as needed.
5. As a tutor, I want to optionally review my tutoring session so that I can keep notes on students/courses.
6. As a student, I want to optionally review my tutoring session so that I can keep notes on tutors/courses.
7. As a tutor manager, I want to view reviews so that I can keep notes on tutors/students/courses.

# Features Maybe?

Scenario: As a user, I want to login so that I can access my home page.

Given: User is on login page

And: User exists in DB

When: User inputs login credentials

And: User clicks login button

And: User email and password are verified

Then: User is redirected to role-appropriate home page.

\*This scenario will change after MVP (Tutor users must be approved).

Scenario: As a user, I want to register a new account so that I can access my home page.

Given: User is on login page

When: User clicks "Register new user"

And: User completes registration form

Then: New user is created in system

And: Confirmation message is displayed

And: User is redirected to role-appropriate home page. \*

Scenario: As a student, I want to see tutor schedules so that I can schedule tutoring.

Given: Student is logged in.

And: Student has selected a chosen tutor.

When: Student clicks "View Availability"

Then: Student can schedule tutoring.

\*Added because reasons.

\*Add stretch of denying or requesting reschedule of tutoring session?

Scenario: As a student, I want to schedule a session with a tutor.

Given: Student is logged in.

And: Student has selected an available tutor.

When: Student clicks "Schedule Tutoring Session"

And: Student completes optional request form. (topic/instructor/etc)

Then: Tutoring session is created/scheduled.

And: Tutor is notified of scheduled session at next login.

Scenario: As a student, I want to search for my course so that I can .

Given: Student is logged in.

When: Student clicks "Search for Tutors"

And: Student inputs course or subject

Then: A list of tutors that tutor the matching subject are displayed.

And: Student can schedule tutoring.

Scenario: As a user, I want to view contact information so that I can communicate with other users.

Given: User is logged in.

And: User has selected another user profile.

When: User clicks "View Contact Info"

Then: Another user's contact info is displayed.

\*Add stretch of summary page for subject/course analytics?

Scenario: As a tutor, I want to view my number of hours spent in tutoring so that I can keep track of it.

Given: Tutor is logged in.

When: Tutor navigates to the "Tutoring Summary" page.

Then: Tutor's total hours worked are displayed.

\*This scenario will change after MVP (to include a students).

\*Add a stretch of summary page for subject/course analytics?

Scenario: As a tutor manager, I want to view total hours spent in tutoring for each tutor so that I can keep track of it.

Given: Tutor manager is logged in.

When: Manager navigates to the "Tutoring Summary" page.

Then: A list of tutors with their total hours worked is displayed.