

Project 2 Milestone
Team 013-04

Team Number: 013-04

Team Name: StudyEz Group

Project Features list:

1. Event creation (study session)
 - The webpage should be able to automatically create events in your google calendar. These events should be labeled as a study/review time of a particular subject.
2. Document Upload
 - Upload study material to be stored in the database, files could include txt, pdf, png, etc. These should be categorized either manually or automatically.
 - Documents could potentially be added (not sure if possible) to a particular event within google calendar.
3. Spaced Repetition Format
 - Use a spaced-repetition memory technique (study method) to schedule events depending on how well the user knows a certain topic. Create an algorithm that will maximize active recall and improve long-term memory.
4. Notifications
 - Send notifications via email of when an event has been created. Send notifications on the status of certain events (how much has the user studied a certain topic). Send notifications when study/review time is taking place, and also send security notifications (unauthorized login attempts).
5. Event modification
 - After an event has passed, the user will also have the ability to independently modify an event depending on how comfortable they are with a particular topic. They will have the option to make the next event (whenever that may be based on the spaced repetition) longer, shorter, or stay the same.
6. Knowledge surveys
 - After an event has passed, the user will let the webpage know how comfortable they feel with the material they had just reviewed. Depending on this input, the spaced repetition algorithm will decide the amount of time that should elapse before the next recurring event.

Requirements:

For this milestone, you will list out requirements based on whichever software development method you prefer to choose. For example, if you want to use an Agile method, add user stories pertaining to each feature listed above and prioritize them by weighing the criticality of each user story. If you want to use a more traditional approach, feel free to do so, but you must somehow document the requirements.

Epics with User stories:

User story template, “As a [Define user/persona], I [want to], [so that].”

I used [this](#) as a template.

- **User Interface:**

- As a user I want to be able to login with my gmail account so that I can use my personal or work email
- As a user I want to be able to access a simple homepage so that I know where to locate the webpage tools
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- **Calendar Add-on:**

- As a user I want to be able to link my google calendar, so that I can see the study events on my personal calendar
- As a developer I want to be able to access user’s personal calendar, so that I can create and edit calendar events

- **Document Uploading:**

- As a developer I want to store documents on a remote database so that I can create an event with study material attached
- As a developer I want to store documents on a remote database so that I can provide the user with their study material
- As a user I want to have a simple uploading tool, so that I don’t have to struggle
- As a developer I want to categorize each document upload so that I can efficiently store and retrieve said documents

- **Backend Storage:**

- As a developer I want to have a backend storage so that I can store user’s documents
- As a developer I want to have an organized backend storage so that I can save and retrieve documents efficiently

- **Algorithms:**

- As a developer I want to have a working spaced repetition algorithm so that I can provide the user with the best times to review material
- As a developer I want to have a sorting algorithm so that I can efficiently store documents on the backend storage.

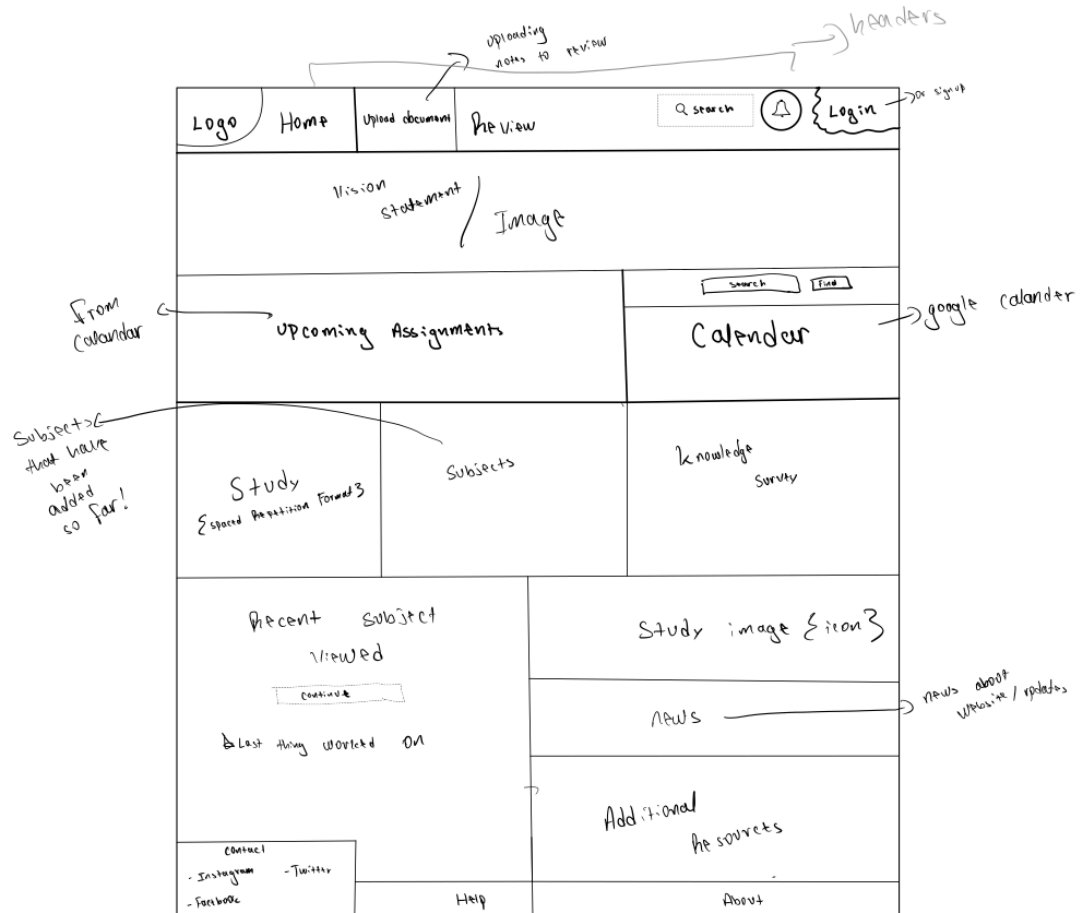
Project Plan

- Create a Project Plan of your choosing. For example, you can create a GANTT chart, use a Kanban board, or some other suitable format.
- The Project Plan should include each Feature that is to be developed.
- Consider the SEQUENCE of how the features you selected will be developed (designed, coded, tested, integrated)
- The Project Plan should show for each feature WHEN (by calendar date) the feature will be worked on.
- The Project Plan should result in a completed, working application that is ready to present at the end of the semester (see Course Schedule).


Wireframes & Design:

- Create prototypes for the User Interface of your app.
- You are required to follow a consistent design pattern across all the pages of your application.
- For this milestone, you will be creating basic wireframes for at least 3 pages for your application.
- These wireframes can be hand-drawn (or) sketched on a whiteboard (or) drawn in software. You will be adding pictures of these within your milestone document.
- If applicable, decide and mention which design framework you intend to use for your application. For eg: Bootstrap, Bulma, UIKit etc.

Study-EZ Homepage!




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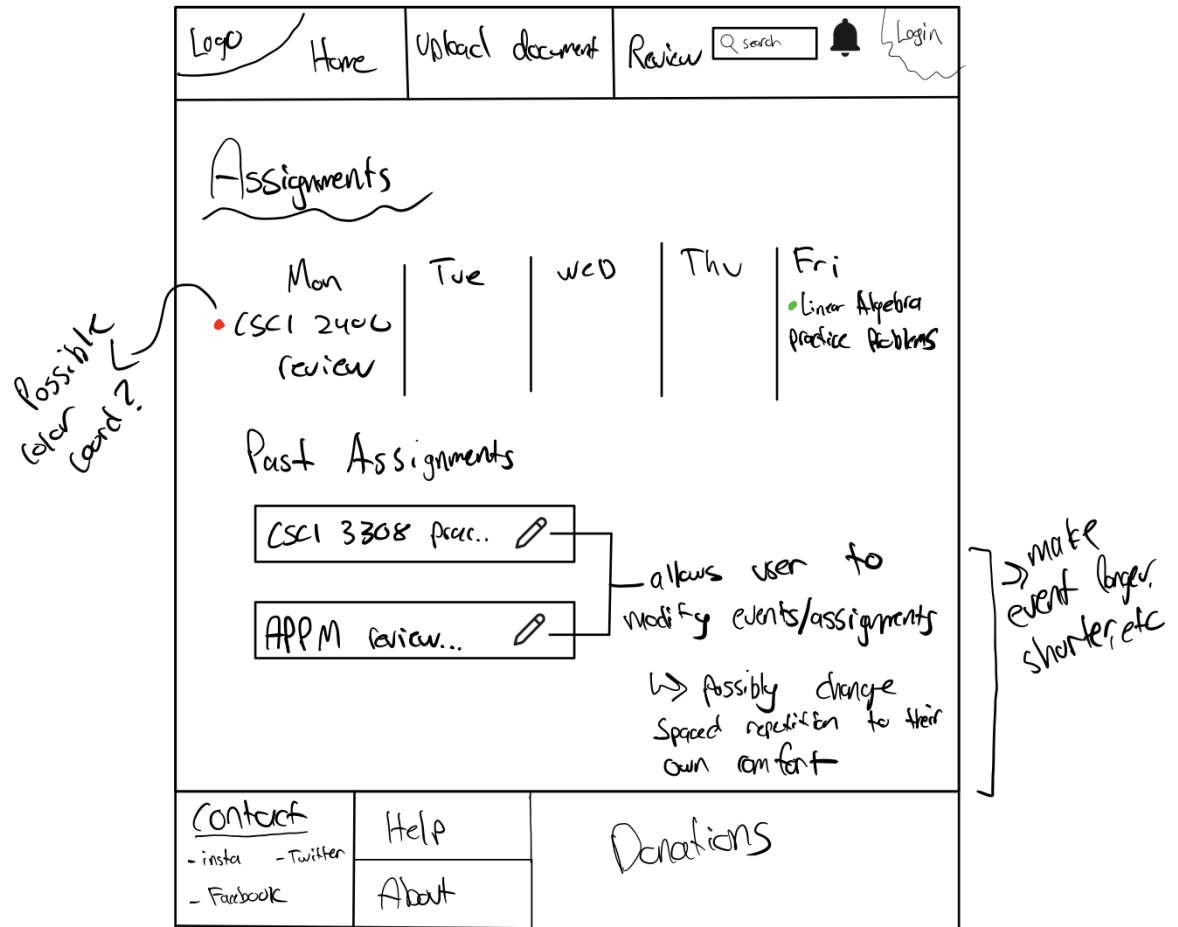
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Individual Contributions:

- Aubrie Capps
- Logan Assalley
- Alberto Espinosa
- Gustavo Guijarro: I reviewed and made small edits to the project features
- Abirham Bitew: I was responsible for working on the homepage of the wireframe.
- Ramy Kassam: I was responsible for working on the frontend of the website as well as the profile page.