

Part 2: Design Alternatives

Scenario:

Scenario 1 - Jayden and his friends, who are currently studying in MCM, have been behind with their course subjects lately. The reason for their issue is because the online learning platform that their school is utilizing, has problems notifying their students.

Scenario 2 - Mikasa, A Japanese transfer student, is having connectivity problems with her online class session. Because of this, she has troubles with communicating with her teachers.

Scenario 3 - April is having connectivity issues around her area. She can only be online and have internet connection for a few hours before it disappears. This issue affects her overall school performance.

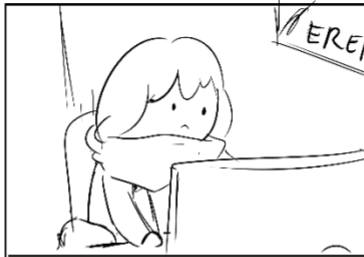
Storyboard (Based on Scenarios):



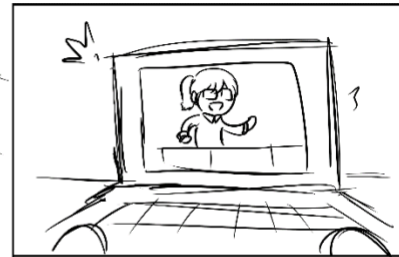
Storyboard 1- Jayden and Friends



Mikasa: Hajimashite, Watashi no Mikasa Desu!
TL: Hi, I am Mikasa!



Mikasa: Watashi wa Nihonjin no Tenkōsei Desu!
TL: I am a Japanese Transfer Student



Mikasa: Saikin wa Online Class ni muzukashi desu.
TL: Recently Online Class is hard.



Mikasa: Jisaini, Watashi no Internet no senzoku ga totemo tyousi warui desu!
TL: Actually, My internet connecton is really bad!

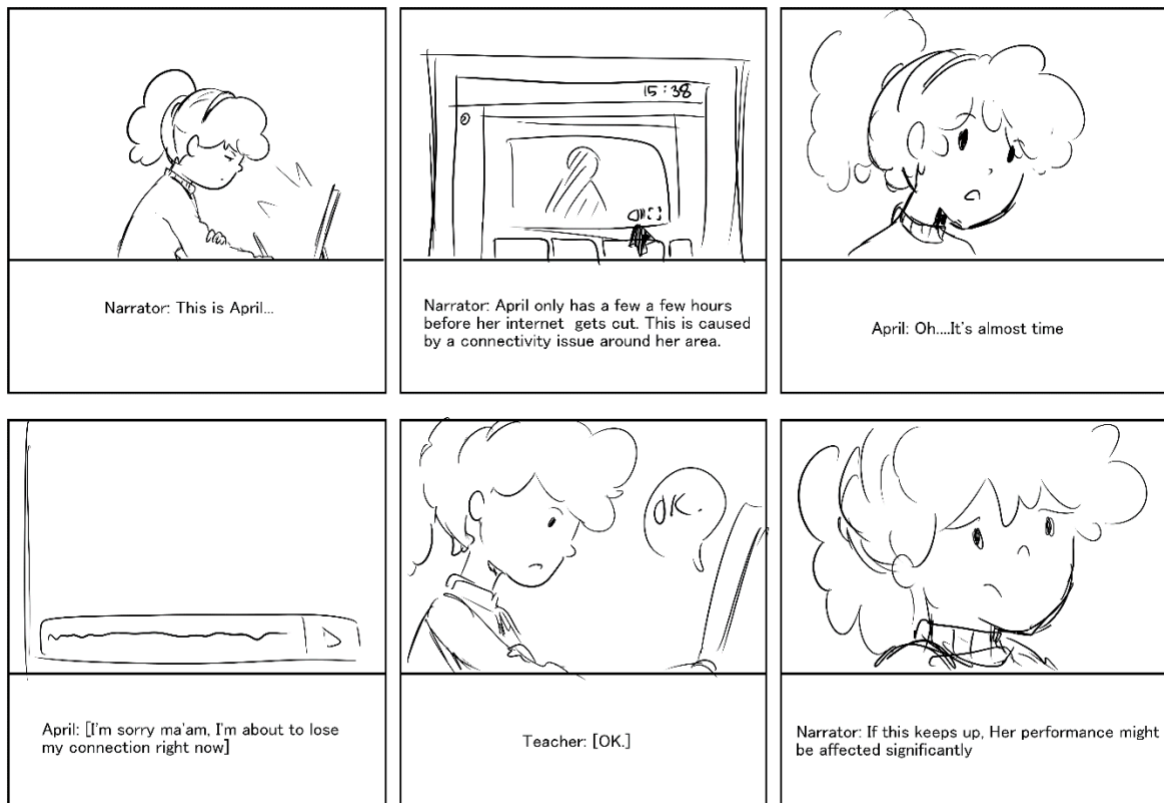


Mikasa: Eh?
TL: Huh?



Mikasa: Dakarasa, Sensei ni communication ga torenai!
TL: Because of that, I can't communicate with my teacher!

Scenario 2 - Mikasa

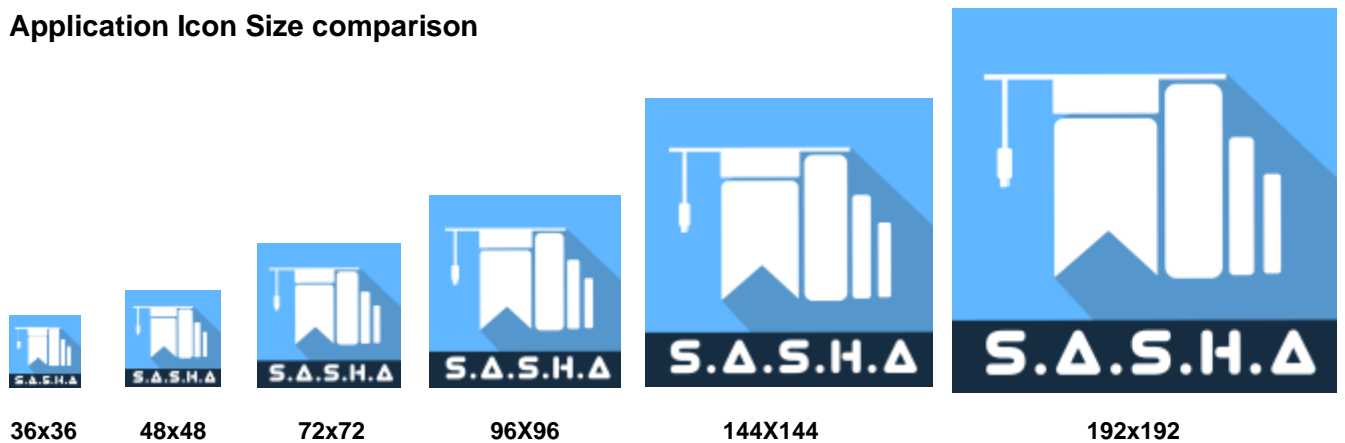


Scenario 3 - April

Problem Statement:

- Students not getting notified by their courses.
- Students having problems in joining with their online class sessions.
- Students having connectivity issues.

Application Icon Size comparison



The icons above showcase the application icon in various sizes. This is essential to identify how it would look in many different screen ratios.

Design

The SASHA application aims to showcase a modern-minimalistic design. In order to achieve this design, the following will be identified: Color Palette, Font Style, and GUI.

Color Palettes



Color Palettes

The different color palettes shown above with their codes have been selected to be used in the application. The chosen palette is still not finalized; however, it will be ready by the time the pair approaches the prototyping stage.

Font Style

ABCDEFGHIJKLMNOPQRSTUVWXYZÀÁÂÃÄÅÆÇÈÉÊË
abcdefghijklmnopqrstuvwxyz
01234567890(\$£€.,!?)

Proxima Nova Font

The pair has opted to use Proxima nova as the font for the application due to its simplicity and non-reliance to fancy design. Similar applications such as Netflix and Spotify have also used this font and the pair has found it to be simple yet fitting for a modern-minimalistic design.

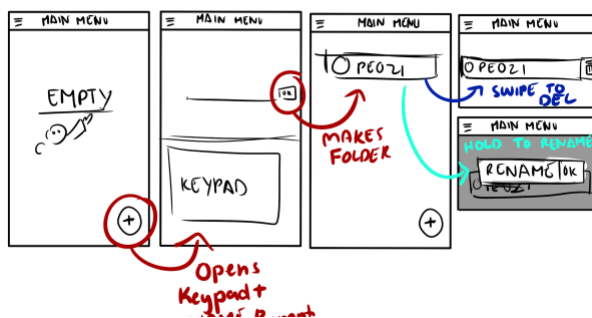
GUI

The pair will only be using the Android GUI for the application so to not complicate matters by adopting 2 separate GUI designs for different models. The pair will be adopting the Android GUI from Figma for this application.

Sample Feature Flows

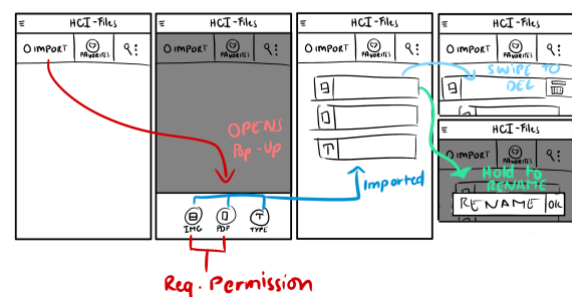
The pair would like to showcase a sample flow of different features that can be seen throughout the app. These features are subject to change depending on the results of the survey.

Sample Flow - CRUD



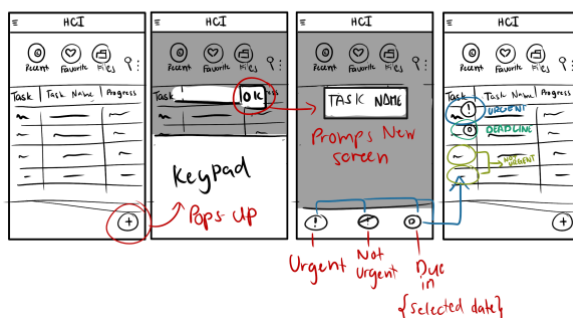
Sample Flow-CRUD: This flow showcases a CRUD (Create, Read, Update, Delete) system integrated into the app. It will be used for 3 screens, Main Menu Folders, Course Folder, Quizzes

Sample Flow - CRUD + Import



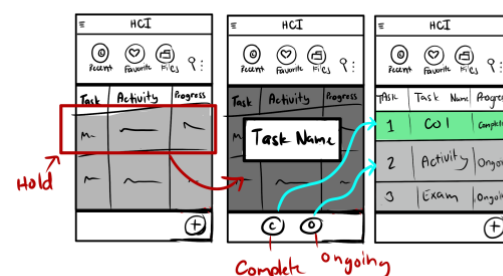
Sample Flow-CRUD+ Import: This flow also showcases a CRUD (Create, Read, Update, Delete) system integrated into the app. The import is a specific flow where the user can import files from the phone into the app and is also available in the Course Folder.

Sample Flow - Task Adding



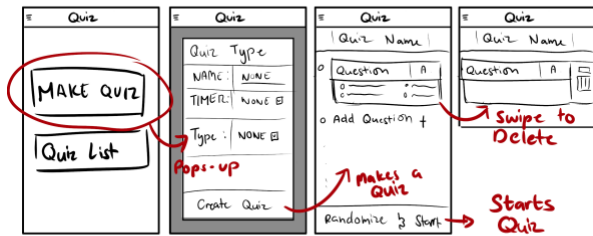
Sample Flow-Task Adding: The flow showcases how the application will go about adding tasks and mark them Urgent, Not Urgent or Due. Special icons will be used in the 3 marks.

Sample Flow - Task MARKING



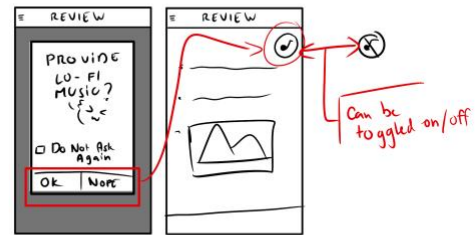
Sample Flow -Task Marking: The flow showcases how the user can mark a task as completed or ongoing.

Sample flow - Quiz Making



Sample Flow-Quiz Making: The flow showcases how the application will enable users to create a quiz.

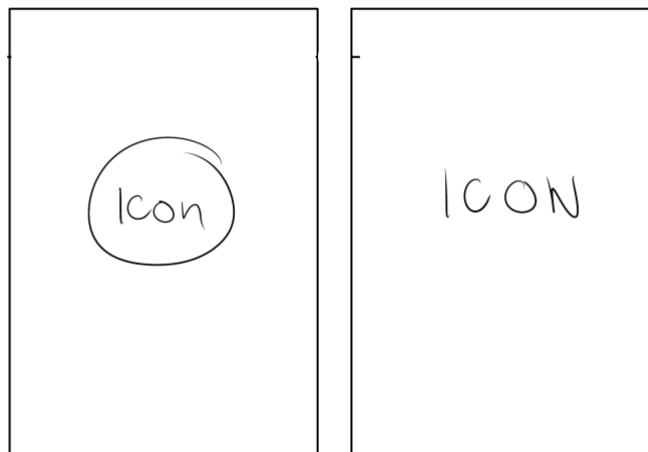
Sample Flow - Music



Sample Flow-Music: The flow showcases how the application will enable users to enable the music. Users are also able to toggle the music on/off.

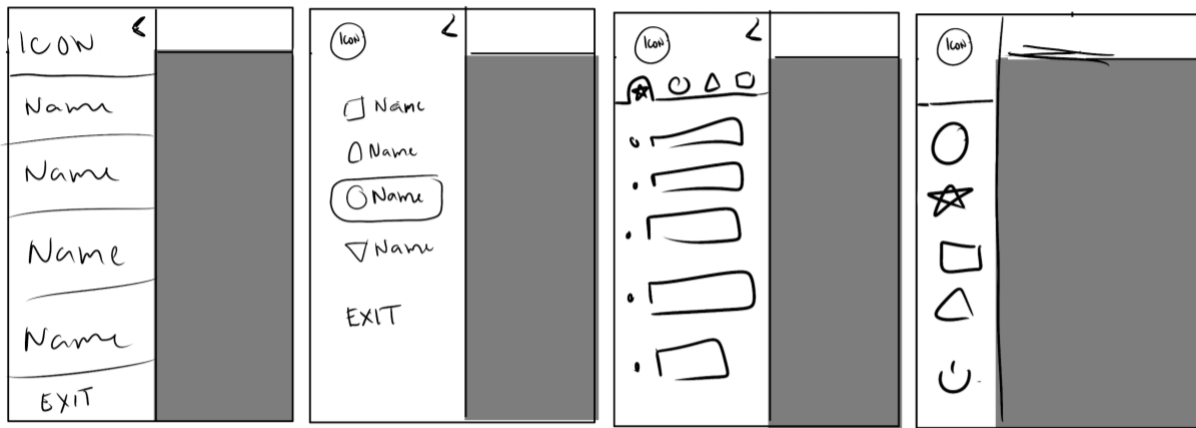
Design Sketches and Alternatives

The pair have created a series of alternative designs that are to be used in the application. The designs are not finalized and will be tested as soon as production of the proper prototyping begins.



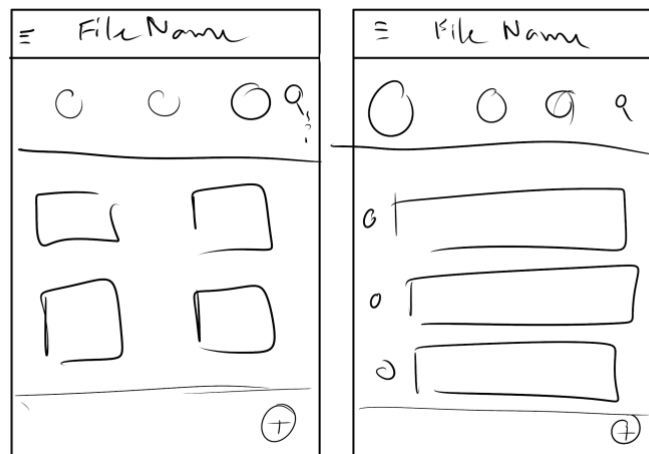
Splash Art

The two images above showcase two different design for the splash art. Essentially it will either be full screen of the icon or have it encapsulated in a circle.



Navigation Drawer

The four (4) designs above showcase how the navigation drawer may look like in the final prototype. Essentially the pair wants to capture a modern minimalistic feel to the app as such came up with these designs.

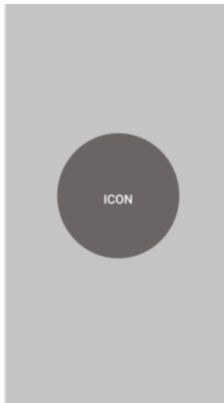


Menu Screens

The design sketches above showcase two different designs for the menu screens. The pair are still deciding on how they want to approach with the Menus. It comes down to a using large thumbnails or in a list.

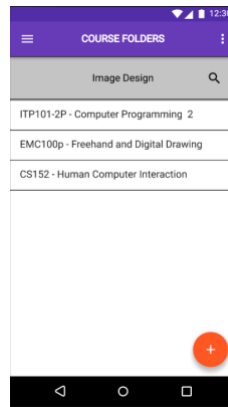
Mock-up/Prototype

The team will be presenting a mock-up/prototype of the application. The design presented is done in Figma and is not indicative of the final output and is only intended on showcasing how the application would essentially function. More features will be added after a complete review of the survey data.



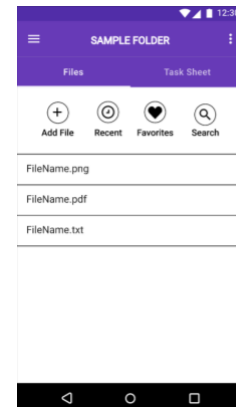
Splash Screen

The Splash Screen contains the app's logo and will be displayed for 2 seconds



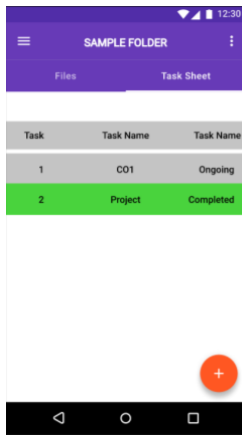
Main Menu Folders

The Main Menu Folder displays a FAB (Floating Action Bar) and the Folders the user created.



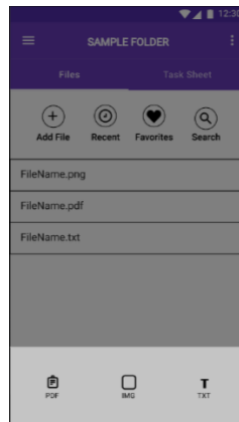
Course Folder

The Course Folder is where the user can import, create, and view files as well as see the Task Sheet.



Task Sheet

Can be accessed from the course folder and shows the user's tasks. It also has FAB that can be used to add tasks.



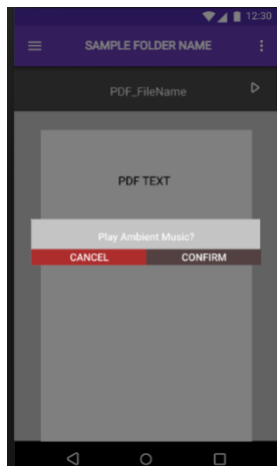
Add File

Clicking add File will open an overlay that has 3 options for the users to do which are Import PDF or IMG, or add TXT file to be typed in the app.



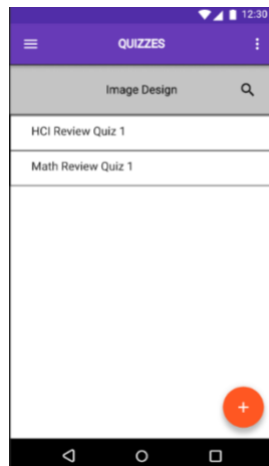
File Screen

The file screen will show the file selected by the user. It is also where they can play the ambient soundtrack if they decide to review.



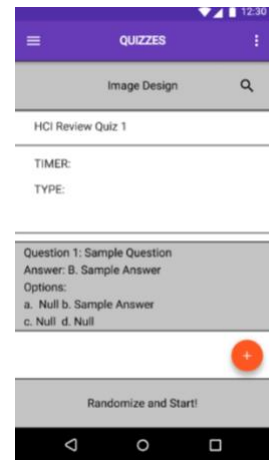
Music

The music overlay will be accessible by tapping the play button and can be toggled on or off in both the settings and tapping the play button again.



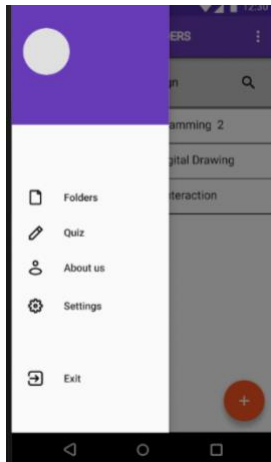
Quiz Screen

The quiz screen will be where the user is able to add quizzes for them to use. It will also have a FAB to add new quizzes.



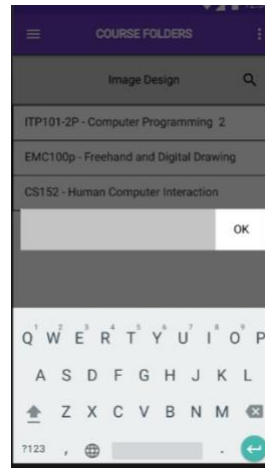
Quiz File Screen

The Quiz file screen will show the quiz selected by the user. It also provides FAB to add new Questions and Answers. Moreover, they can edit the time as well as the type of the quiz.



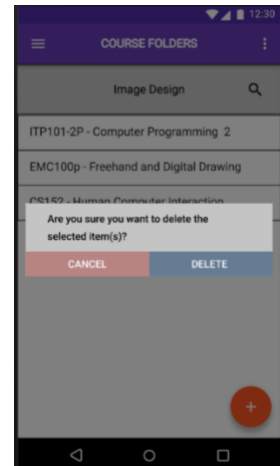
Navigation Drawer

The Navigation Drawer lets users navigate through the app without going back to the home screen every time.



Keyboard and Naming

The overlays will be active when users hold down files, folders, or quizzes when renaming. It can be open by the FAB as well.



Delete

The Delete overlay will pop up when users slide the folder, files, or quizzes to the left.

Additional Feature Discussion

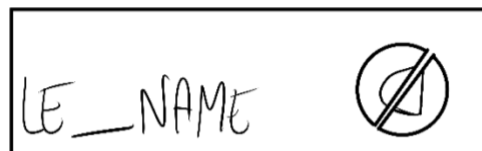
The pair have conducted a survey for the application but are still unable to reach at least 10 respondents. As such, the pair will only be discussing suggestions that are available within the current number of respondents for the application.



Suggestion-Notification/Alarm

"Alarm feature to alert you if the user is out for awhile."

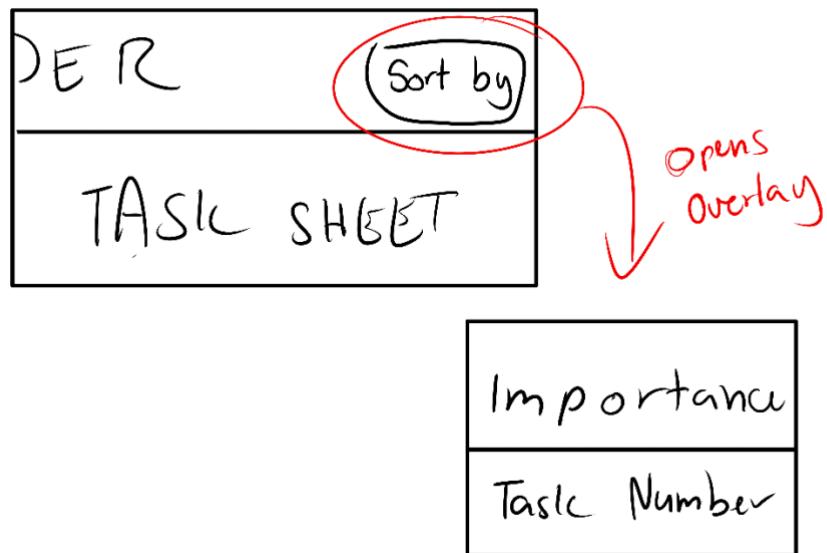
The pair would like to take this into consideration so to notify users often and keep them from having issues with their pacing. The pair have designed a sketch for this suggestion.



Suggestion-Toggle Music

"Lo-Fi isn't necessary since people have different tastes (ex. Rock or Classical). I propose that music can be searched with the Internet or can be played from the files than a set one."

The pair would like to take this into making this account. The pair have decided that the music can be toggled on or off to enable the users to freely choose a music of their choice when doing a review. However, the pair would still like to keep a music as the default music for the application and will be changed from lo-fi to ambient noises (ex. rain and river noises).



Suggestion-Sorter

"Able to filter or sort list of tasks based on course, importance, progress"

The pair will take this suggestion into consideration to provide convenience for the user. The sketch above showcases how the team will integrate this suggestion into the application.