

# **Trackboard**

## **Sketches and Storyboards**

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# Cohesive List of Tasks

## 1. User - Request :: BILAL

- a. View Bulletin Boards for all campuses
- b. For Request: Login
- c. Select Campus (IGC, SUNY, GMU, etc)
  - i. Will be connected to the selected administrator
- d. Apply
  - i. See rules and requirements for specific boards
  - ii. Upload picture of the poster and dimension sizes
  - iii. Select # of posters and locations on campus map
    - 1. Campus Map
      - a. Has all the bulletin boards location on campus
  - iv. Add poster position
  - v. Add posting date and expiration dates
  - vi. Notification & email for submission with details
- e. Approval Stage
  - i. Receives notification & email when Approved/Denied and instructions on what to do next - Informed which boards to post on and at which position
  - ii. Receives notification & email to take down poster when it has expired

## 2. Staff - Dashboard :: HASEUNG

- a. Login
- b. Add campus map (Optional)
- c. Add campus Bulletin Board location
  - i. Location
  - ii. Bulletin Board dimensions (capacity)
  - iii. Organize their sub-categories
- d. Add/Remove Poster Posting Rules
- e. Check the current state of the Bulletin boards
  - i. Bulletin Board Visualization
  - ii. See history of requested / approved / denied posters
    - 1. Poster's data is automatically added to a list of all the posters with details (name, locations, # of posters, requested date, expiration date, etc)
- f. Request to add/delete school admins

## 3. Staff - Authorization :: DAEKYUNG

- a. Receives a notification (and email) upon students' poster application request
- b. Review application
  - i. Check the poster for requirements (university poster format, appropriateness, location, dates, etc)
  - ii. Send a feedback message back to the student with instructions on what to do next.
  - iii. Accepted: staff notifies the student with approval and proceeds to post the posters.
  - iv. Rejected: staff sends a refusal message to the students for the reason it is not accepted asks for a revision.

# Storyboards

## Request Storyboard

Student Applies for Poster Approval

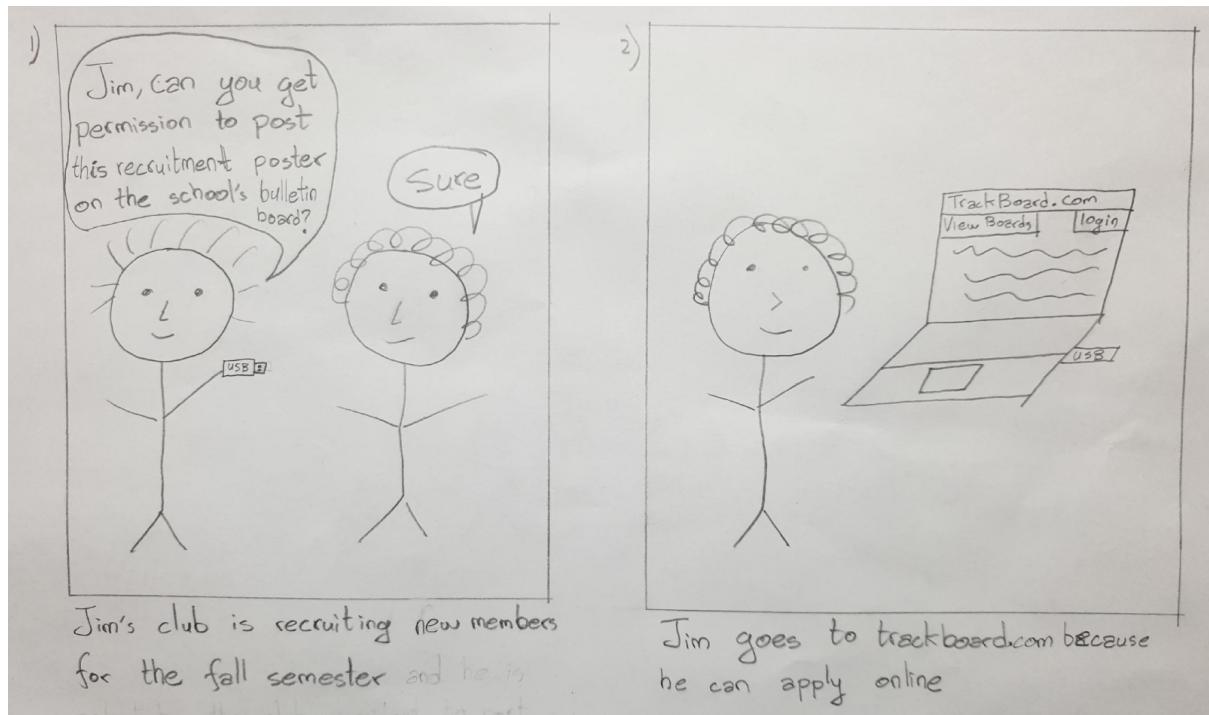


Figure 1.1: Request Storyboard Part 1

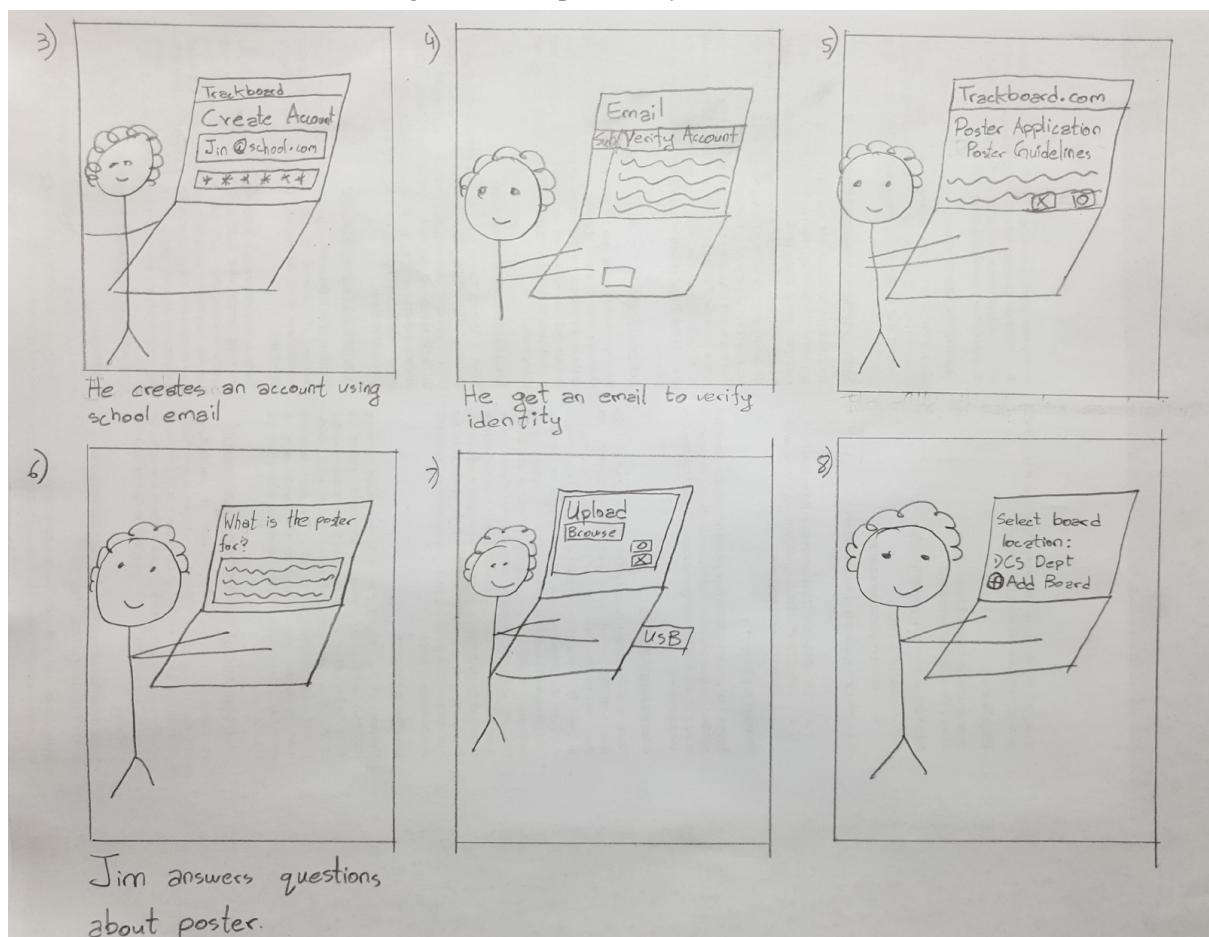


Figure 1.2: Request Storyboard Part 2

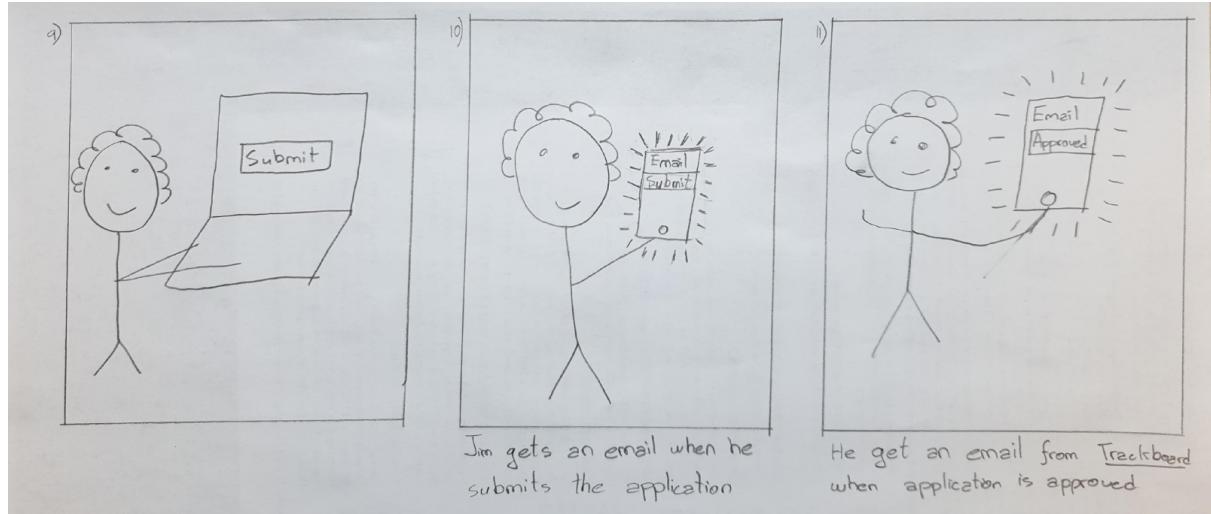


Figure 1.3: Request Storyboard Part 3

## Dashboard Storyboard

Staff checks if the new poster is valid.

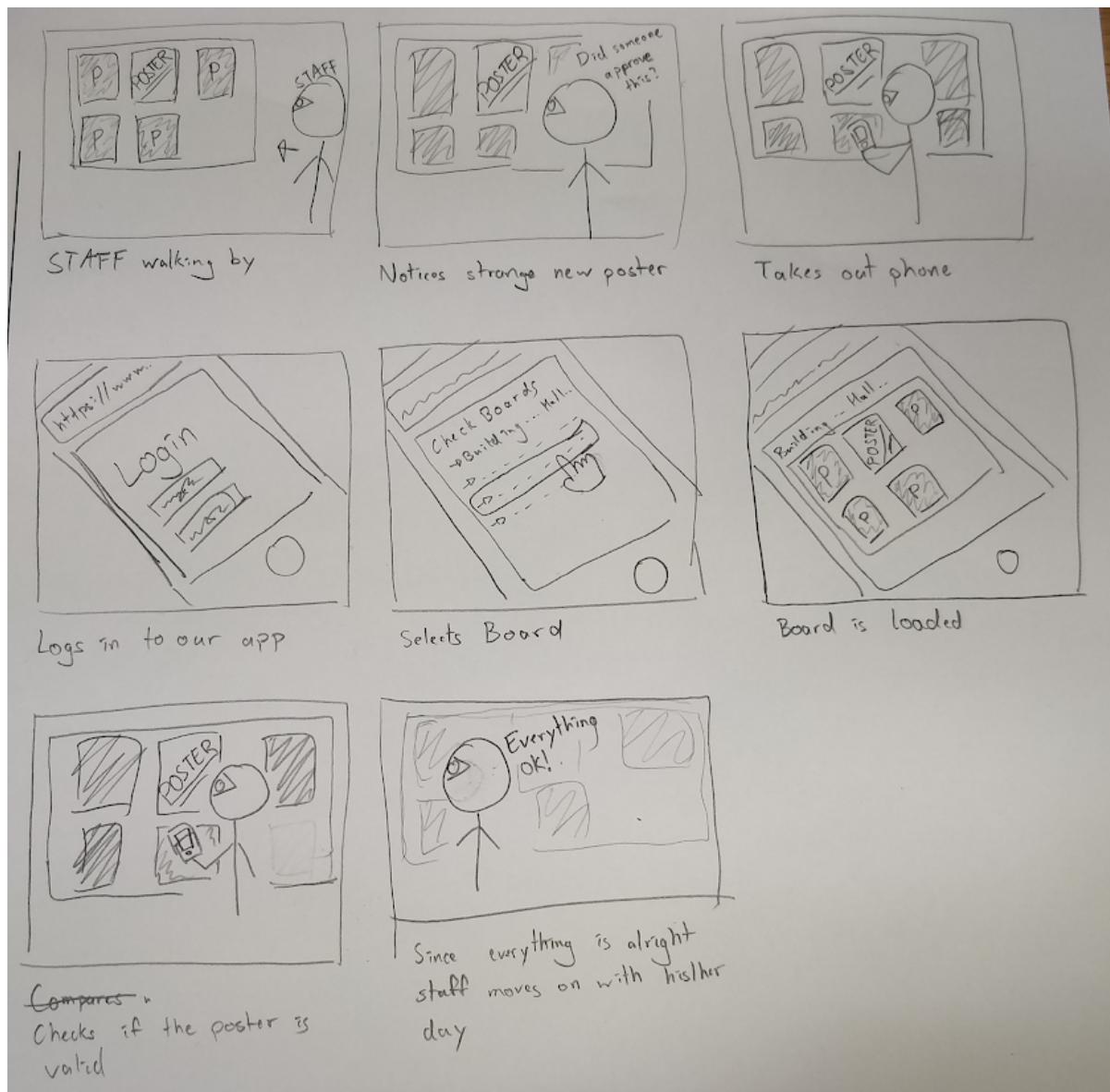


Figure 1.4: Dashboard Storyboard

## Authorization Storyboards

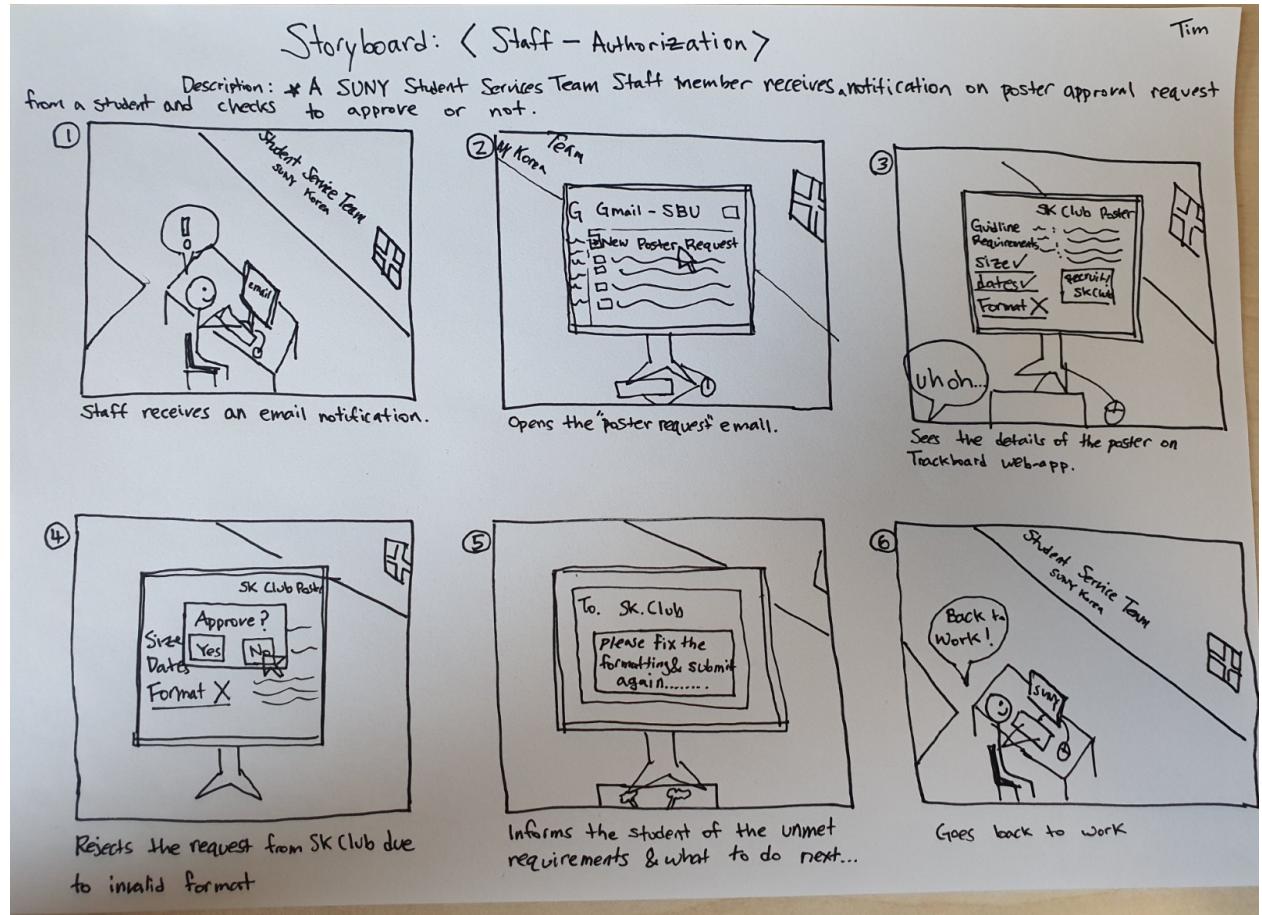


Figure 1.5: Authorization Storyboard

# Primary Interfaces

## Request Primary Interfaces

Poster Approval Application Page with Scrolling

The diagram shows a wireframe of a web application page for 'Poster Application'. At the top left is a 'Track Board' button with a magnifying glass icon. At the top right are 'User Account Setting' and 'Sign out' buttons. The main title 'Poster Application' is centered. Below it is a large text input field labeled 'What is the purpose of the poster? \*'. To its right is a smaller text input field labeled 'When is the event? (can be range) \*'. Below these is a section for 'Poster Size' with radio buttons for 'A4', 'A3', and 'Other' (with a text input field). A 'Browse' button is provided for file uploads, with an 'Add another' link below it. The next section is 'Select location and Position:' with 'Select' and 'Add another' buttons. At the bottom are three buttons: 'Cancel', 'Submit', and 'Save'. The entire form is labeled 'Poster Approval Application page' at the bottom.

Home page button

User Account Setting button

Track Board

My Account Sign out

# Poster Application

What is the purpose of the poster? \*

When is the event? (can be range) \*

Poster Size:

A4 A3 Other

Upload Poster(s):

Browse

Add another

Select

Add another

Cancel Submit Save

Poster Approval Application page

Figure 2.1: Request - Scroll

## Poster Approval Application Page with Stages

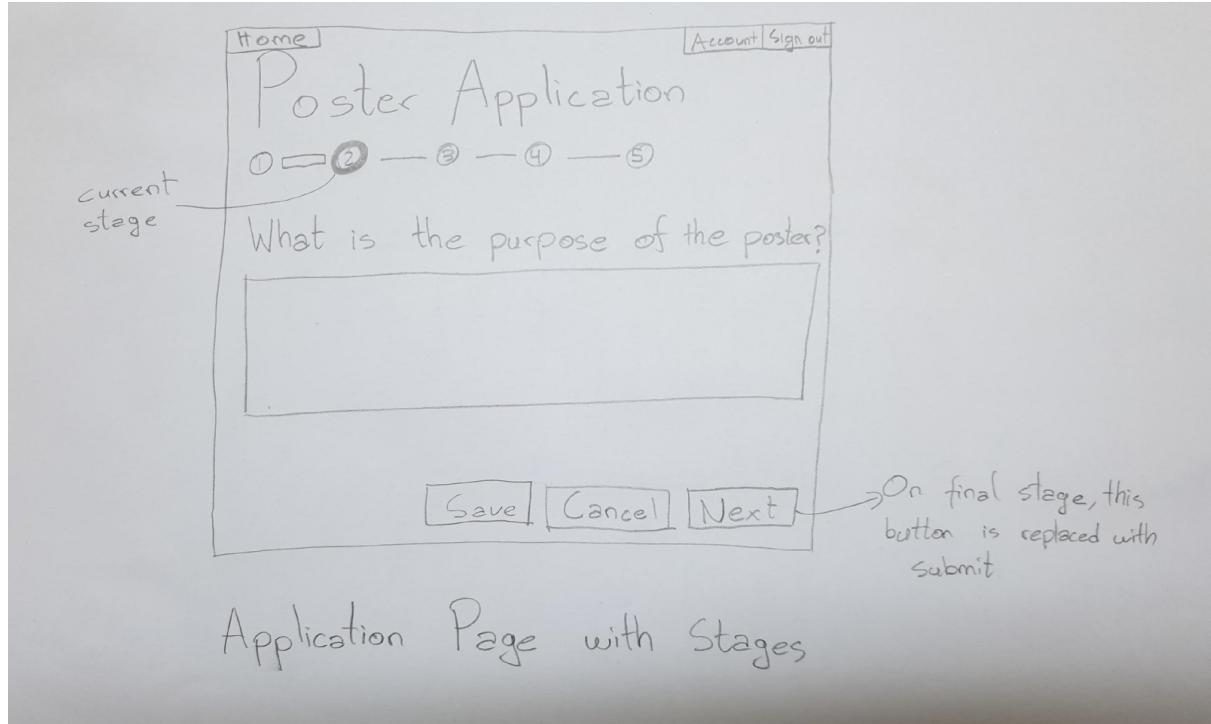


Figure 2.2: Request - Stages

## ★ Poster Approval Application Page with sidebar and links to sections.

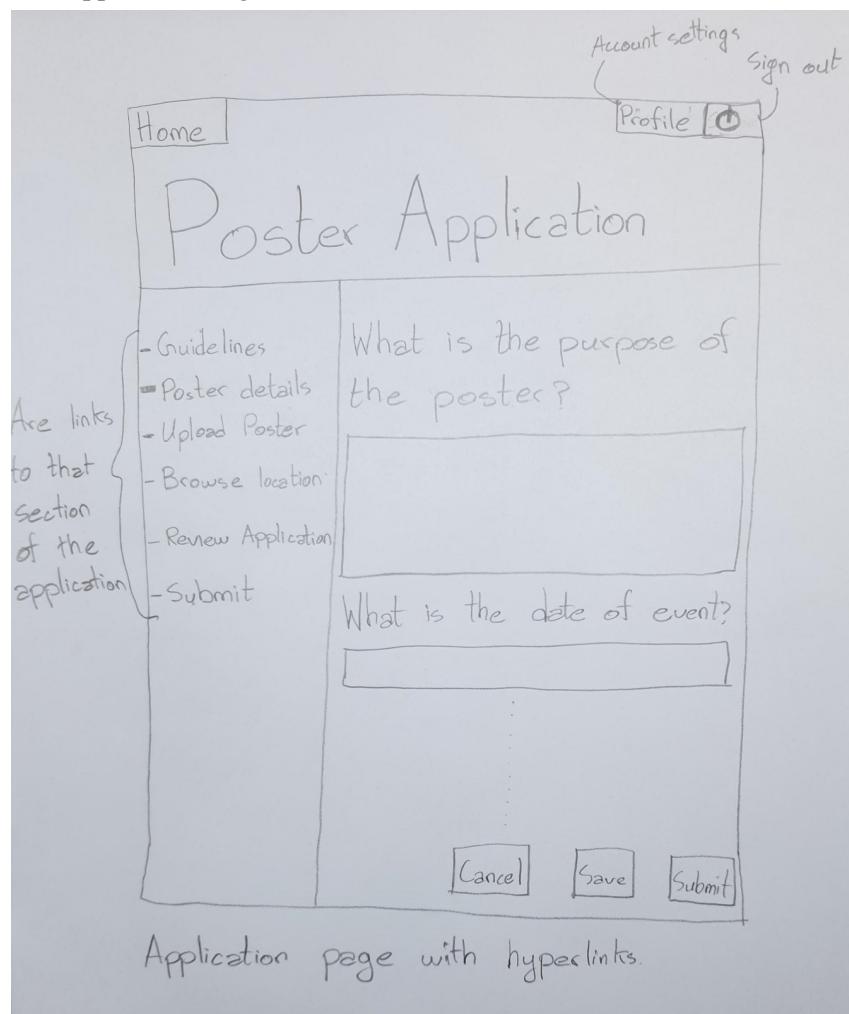


Figure 2.3: Request - Sidebar and link

## Poster Approval Application Page with Pop-up Sections

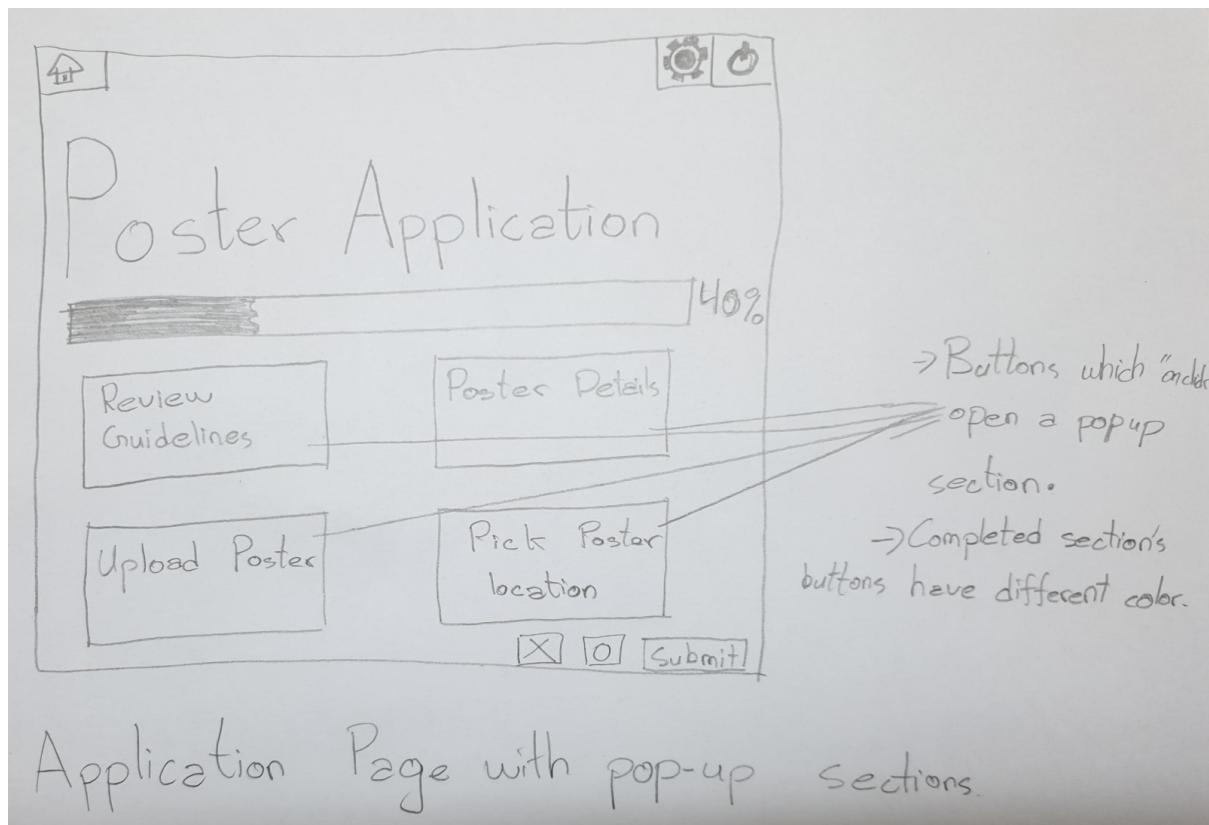


Figure 2.4: Request - Pop-up Sections

## Dashboard Primary Interfaces

★ A dashboard with a sidebar menu.

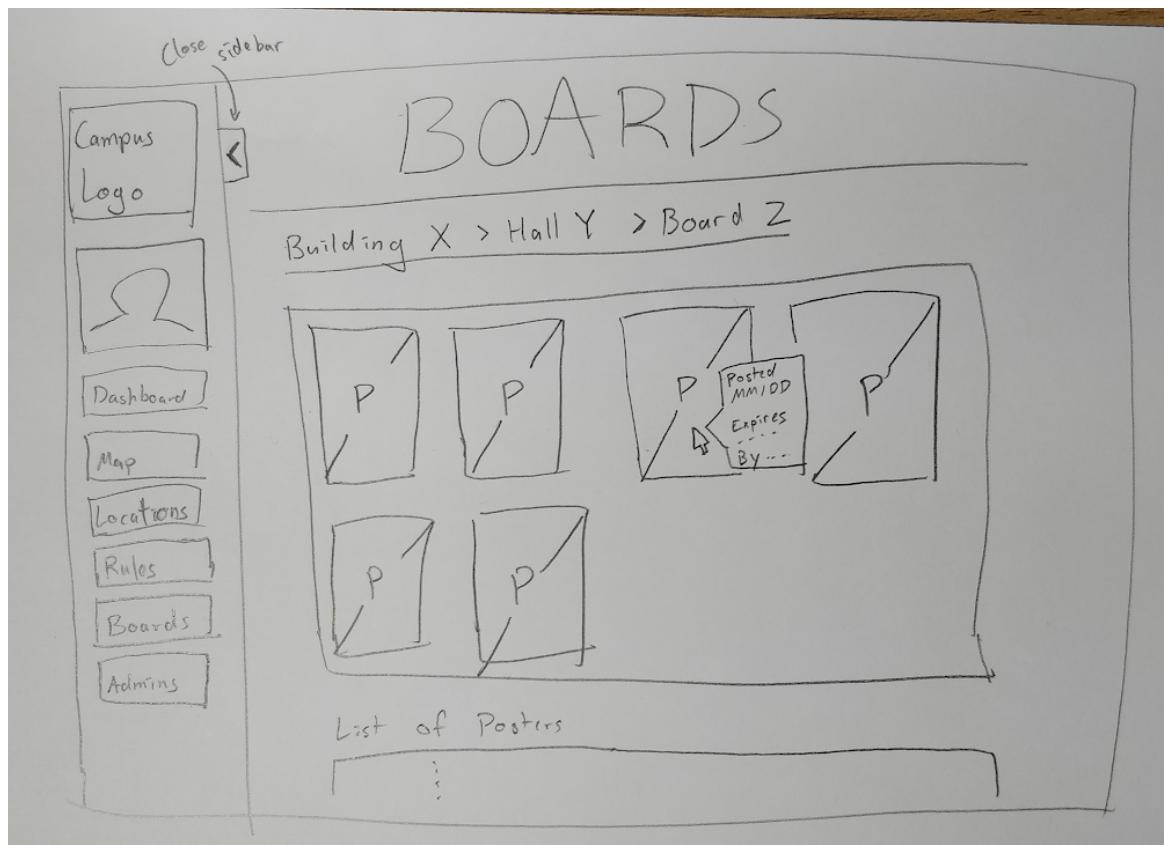


Figure 2.5: Dashboard - Sidebar Menu

Timeline styled dashboard.

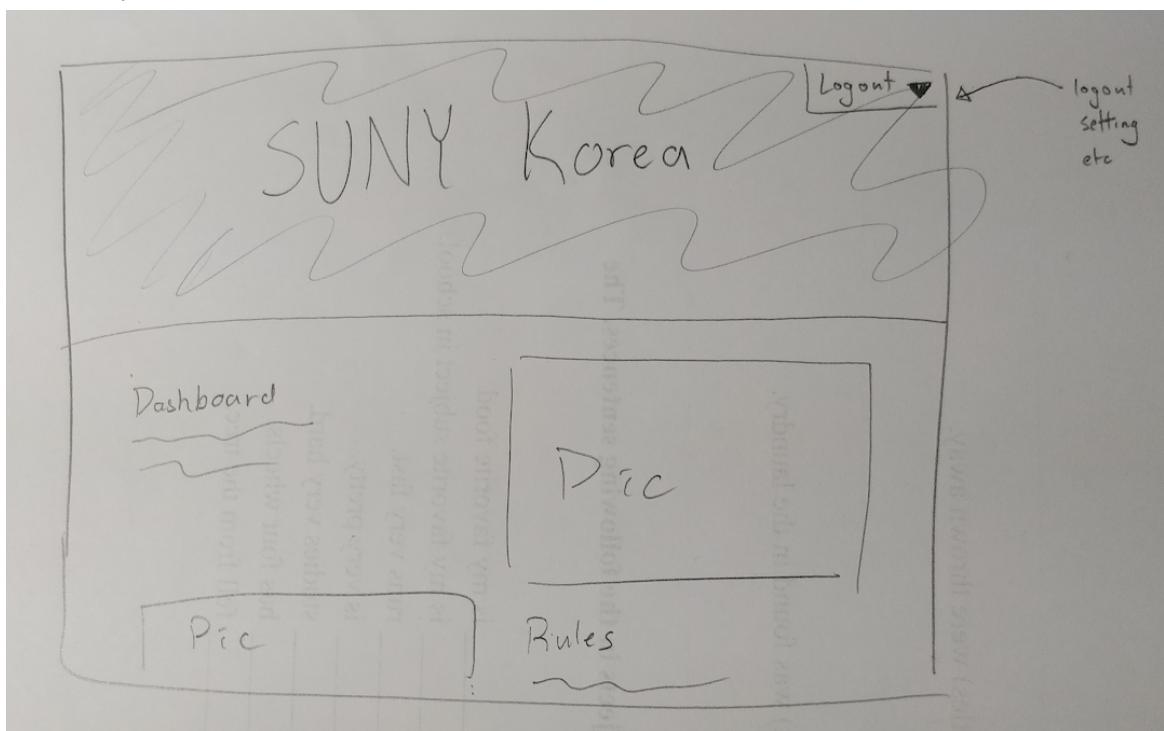


Figure 2.6: Dashboard - Timeline

Dashboard with minimalistic menu.

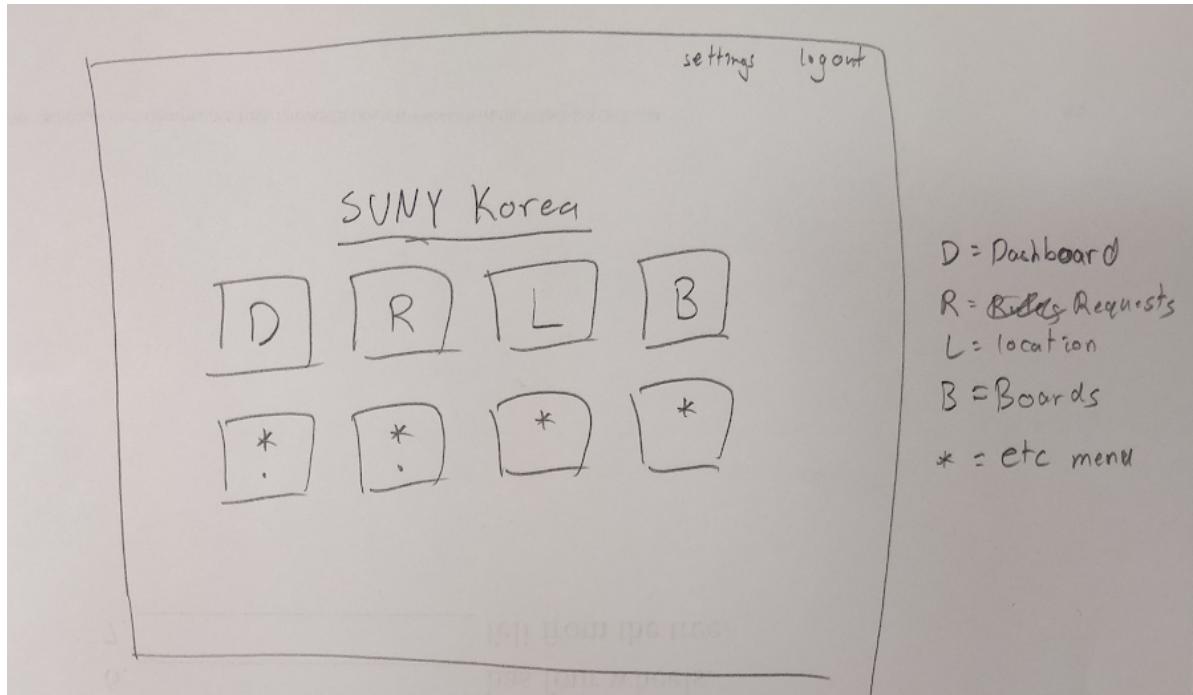


Figure 2.7: Dashboard - Minimalistic

Dashboard with a tabular menu.

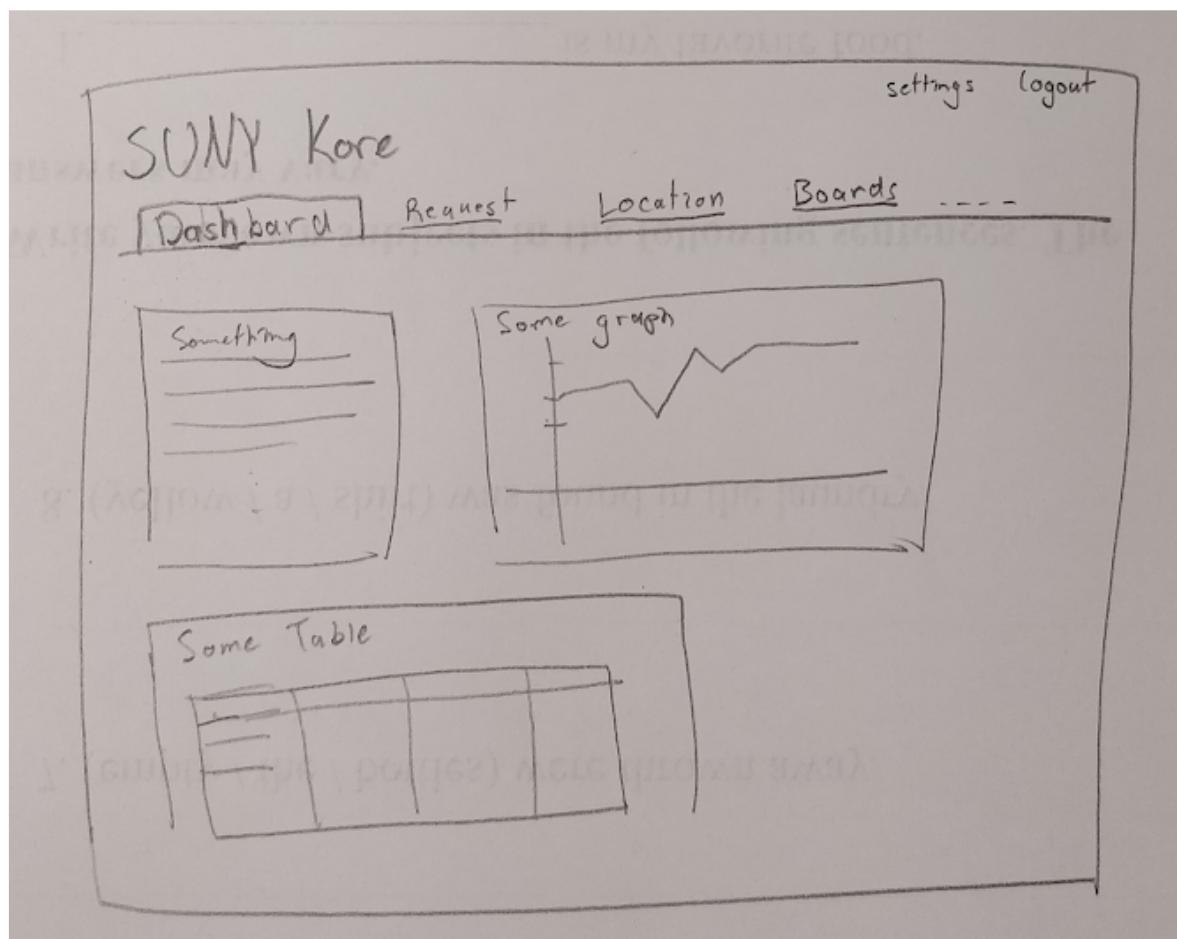
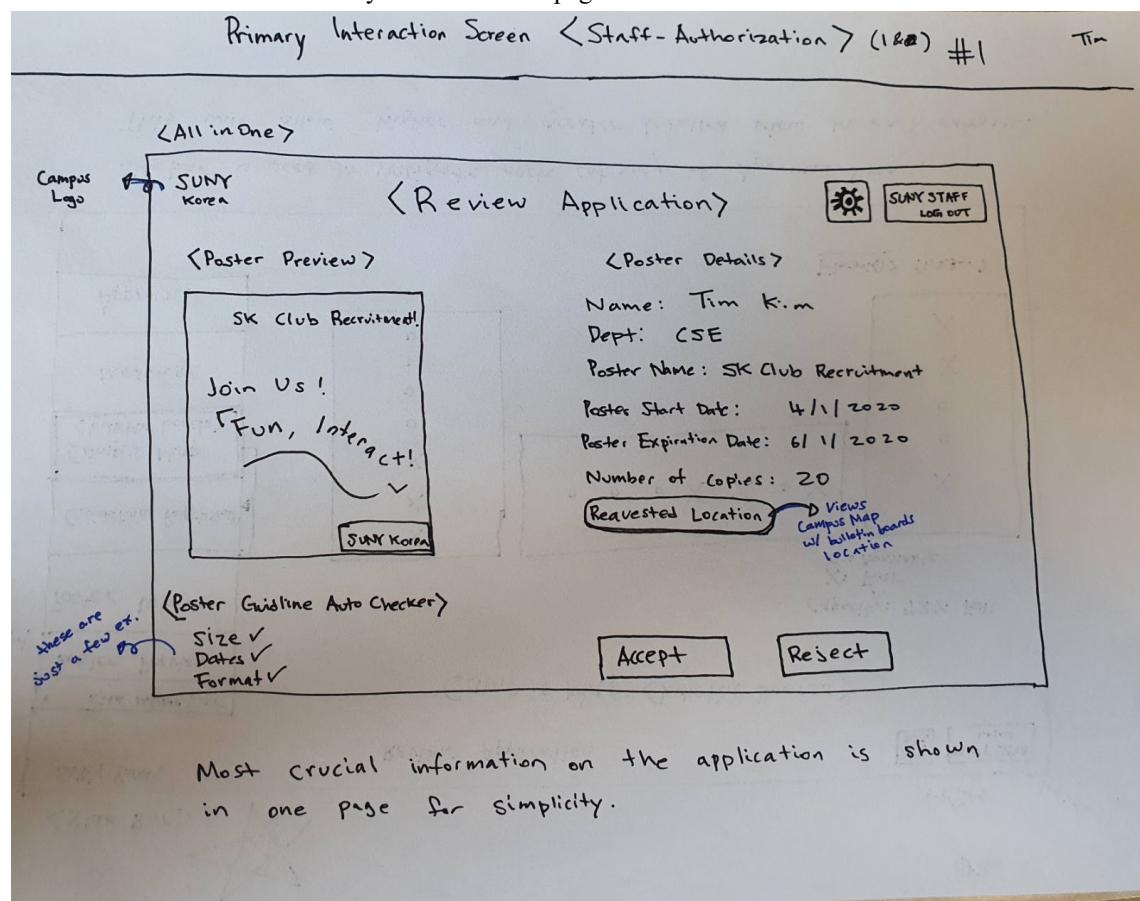


Figure 2.8: Dashboard - Tabular

# Authorization Primary Interfaces

An authorization interface with every function in one page.



Most crucial information on the application is shown in one page for simplicity.

Figure 2.9: Authorization - All in One

★ Authorization with a sidebar for menus.

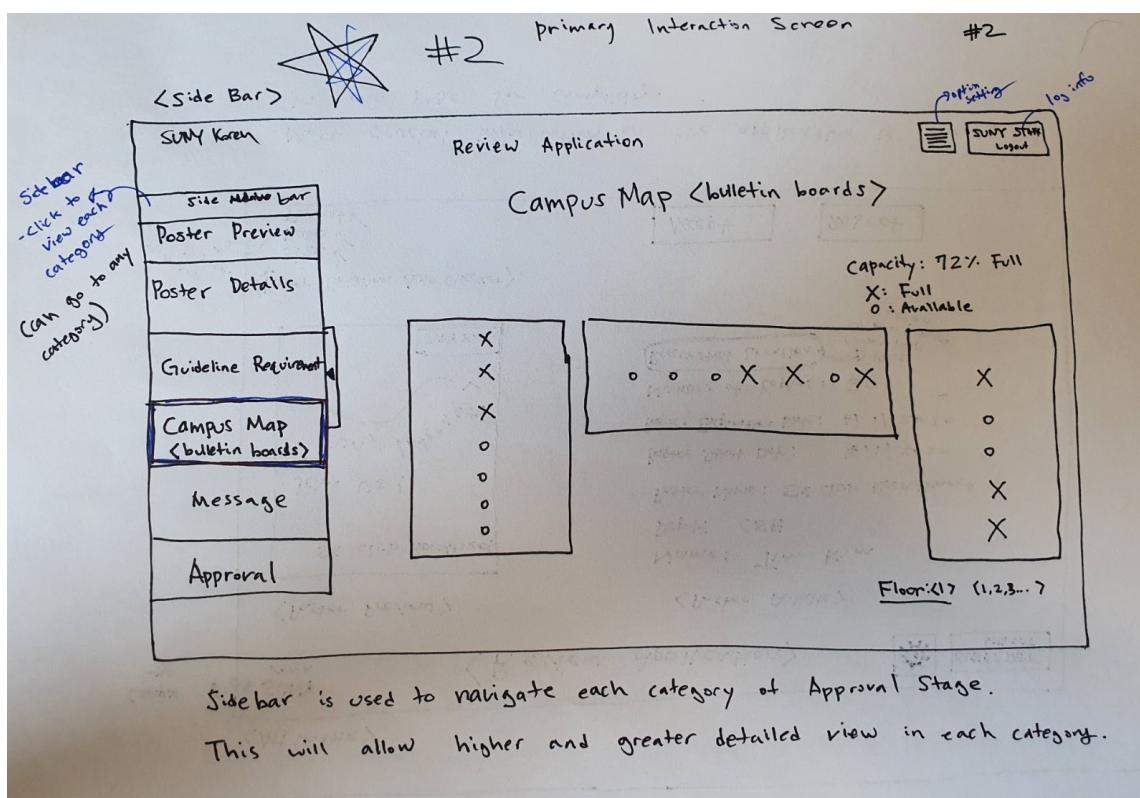


Figure 2.10: Authorization - Sidebar

Authorization interface separated into boxes by functionality.

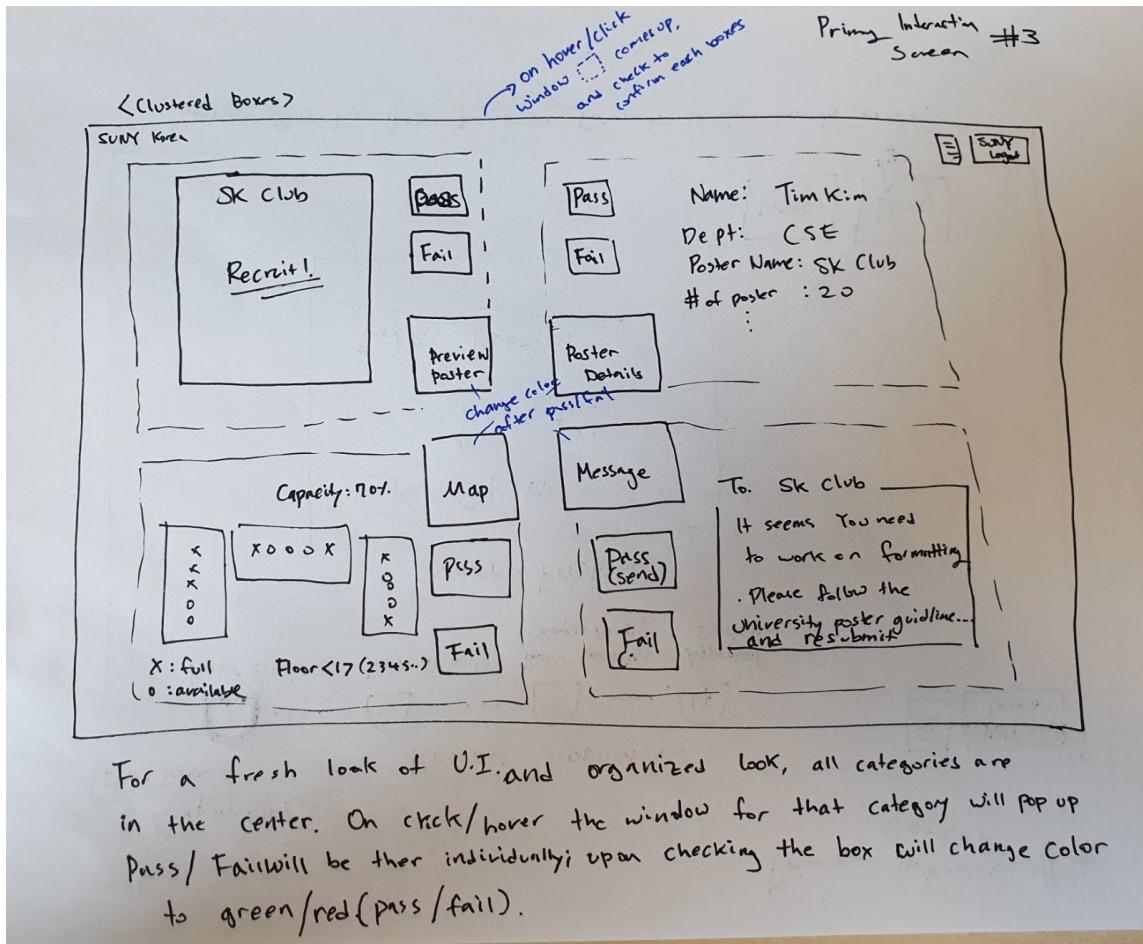


Figure 2.11: Authorization - Clustered Boxes

Authorization interface with a stepper flow.

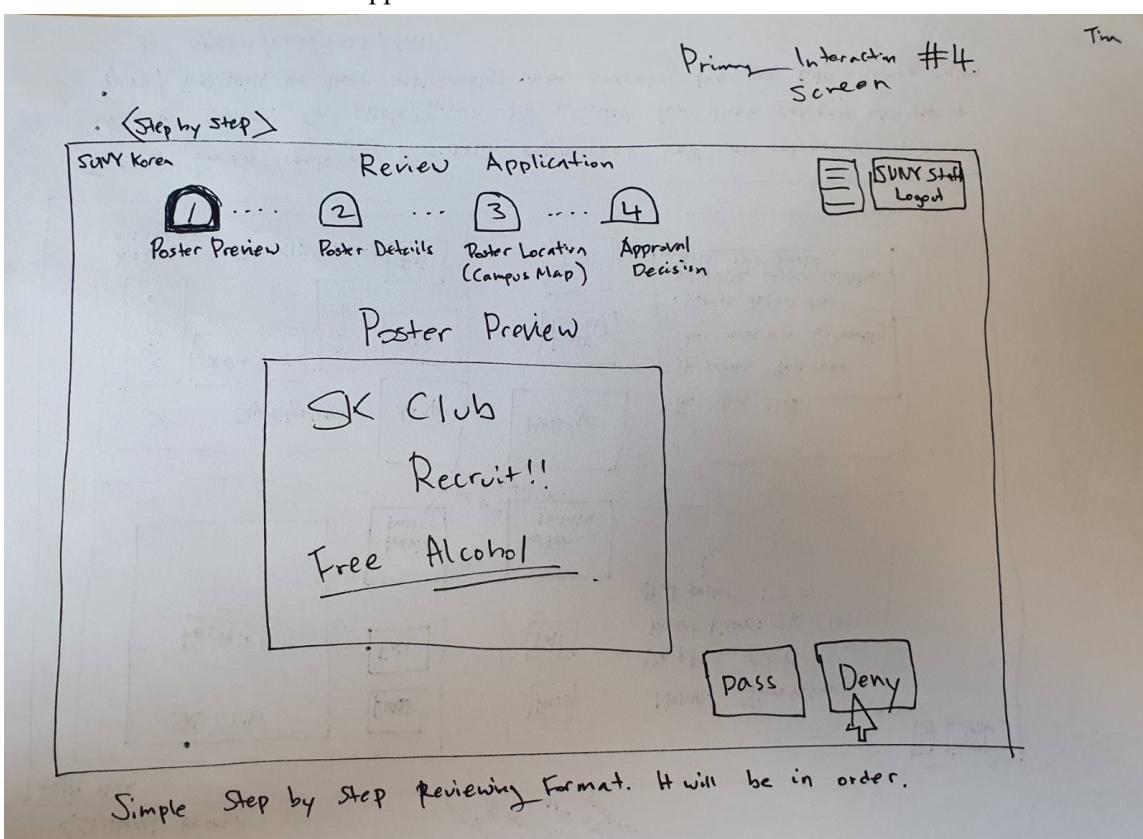


Figure 2.12: Authorization - Step by Step

# Secondary Interface

## Request Secondary Interfaces

### Secondary Interfaces - Selecting Poster Location

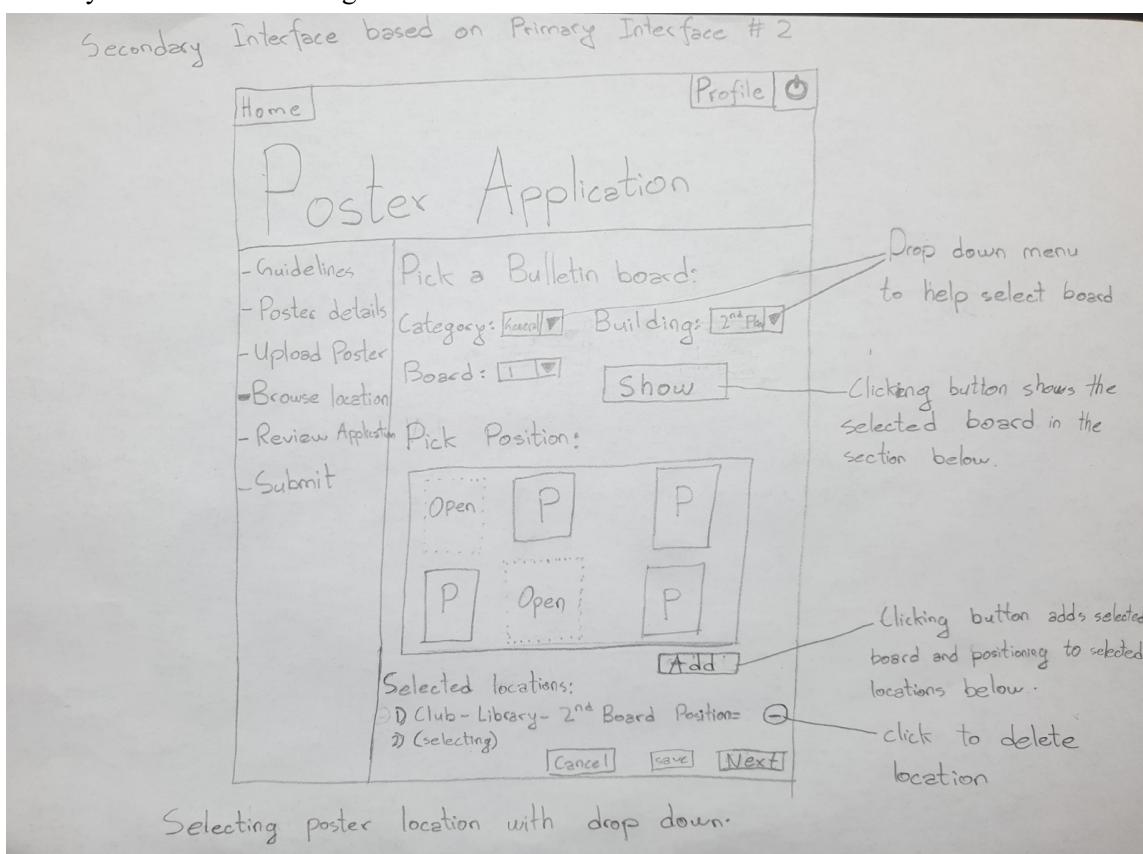


Figure 3.1: Request - Select

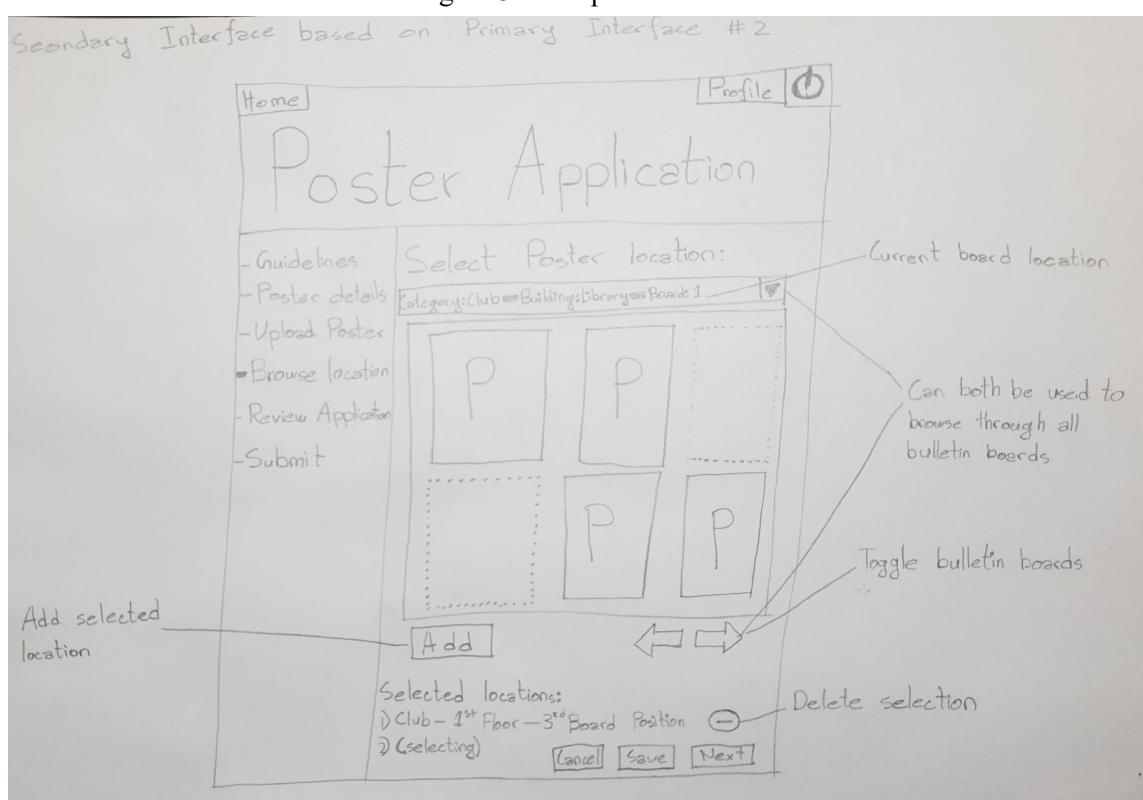


Figure 3.2: Request - Browse

## Dashboard Secondary Interfaces

A table of locations and a component to add a new location.

The dashboard features two main components:

- Location Table:** A table titled "Table of current locations" with columns: Building, Hall, Name, Dimensions, Img, and Edit. It contains three rows of data.
- Add Location Form:** A form titled "Add Location Form" with fields for Building and Hall, followed by an "Add" button.

Handwritten notes on the right side of the dashboard:

- \* For Img column not sure if we'll do base64 or img-links or both
- \* For Edit not sure if we'll do popup style or Edit and Save directly on the table row
- \* On Location Delete a warning and confirmation popup will be displayed

Figure 3.3: Dashboard - Locations Component

WYSIWYG Editor for adding, updating, removing rules.

The dashboard features a WYSIWYG editor and a WYSIWYG preview area:

- WYSIWYG Preview:** A large rectangular area for previewing the rules.
- Save Button:** A "Save" button located below the preview area.
- Toolbar:** A horizontal toolbar with icons for Bold (B), Italic (I), Underline (U), Strike (S), and other options like Img and Vid.
- WYSIWYG Editor:** A text area for editing rules, containing the following text:
 

```
eg.
1. Hi
2. Hello
3. Bye
```

Handwritten notes on the right side of the dashboard:

- \* The preview will be exactly what the users will see
- ← Not sure where to put save button yet
- \* No add or delete since Rules will always be exactly one page per campus

Text at the bottom left: Add/Edit / Remove Rules

Figure 3.4: Dashboard - Rules Component

## Authorization Secondary Interfaces

Secondary interfaces for Authorization.

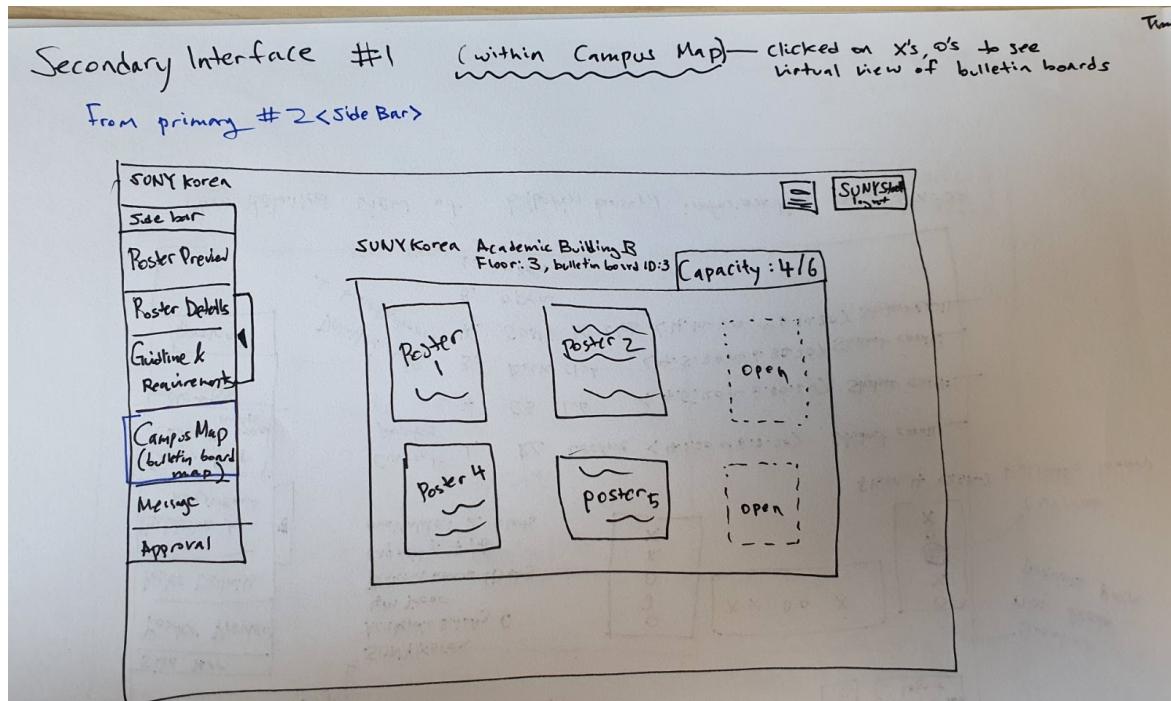


Figure 3.5: Authorization- Campus Bulletin Board Map Component

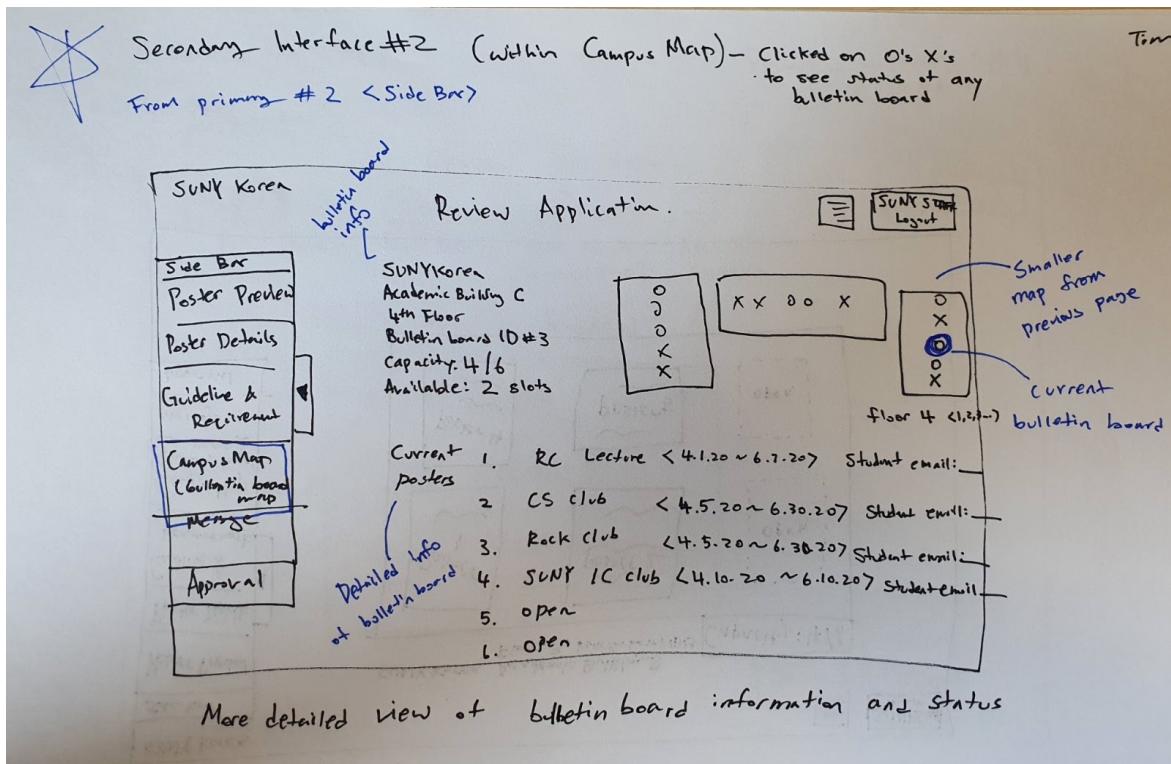


Figure 3.6: Authorization- Campus Bulletin Board Map Component #2

# Iterated Storyboards

## Request Iterated Storyboard

After reviewing the critique, added annotations to all panels and added time lapse details to the 10th and 11th panels.

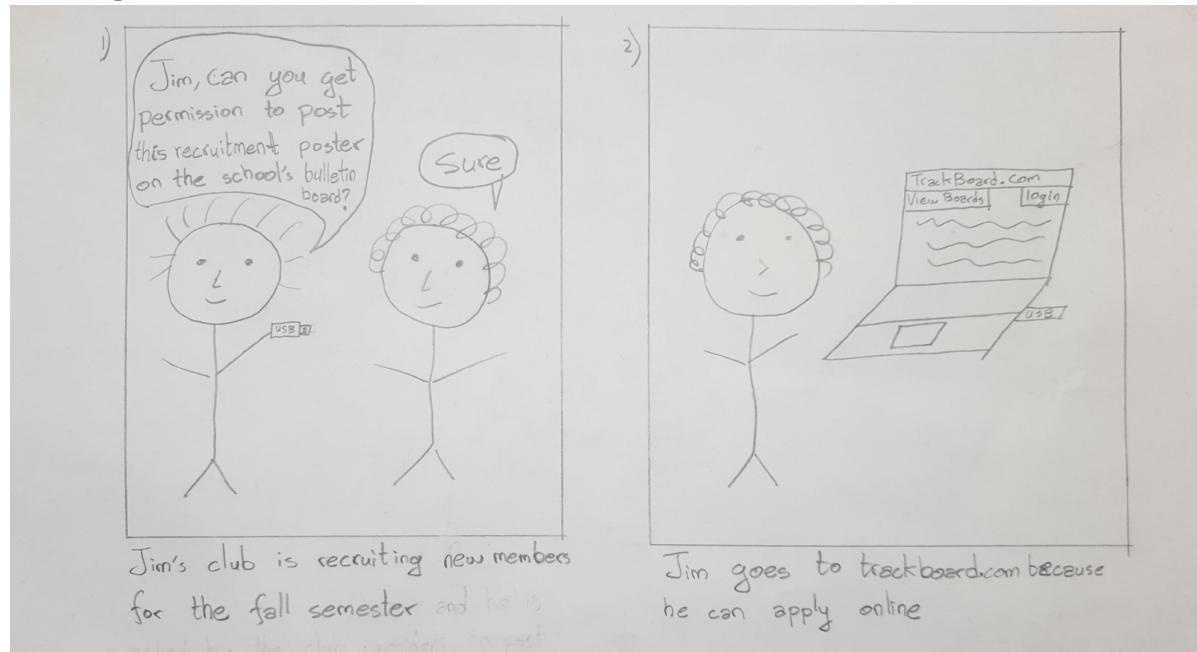


Figure 4.1: Iterated Request Storyboard Part 1

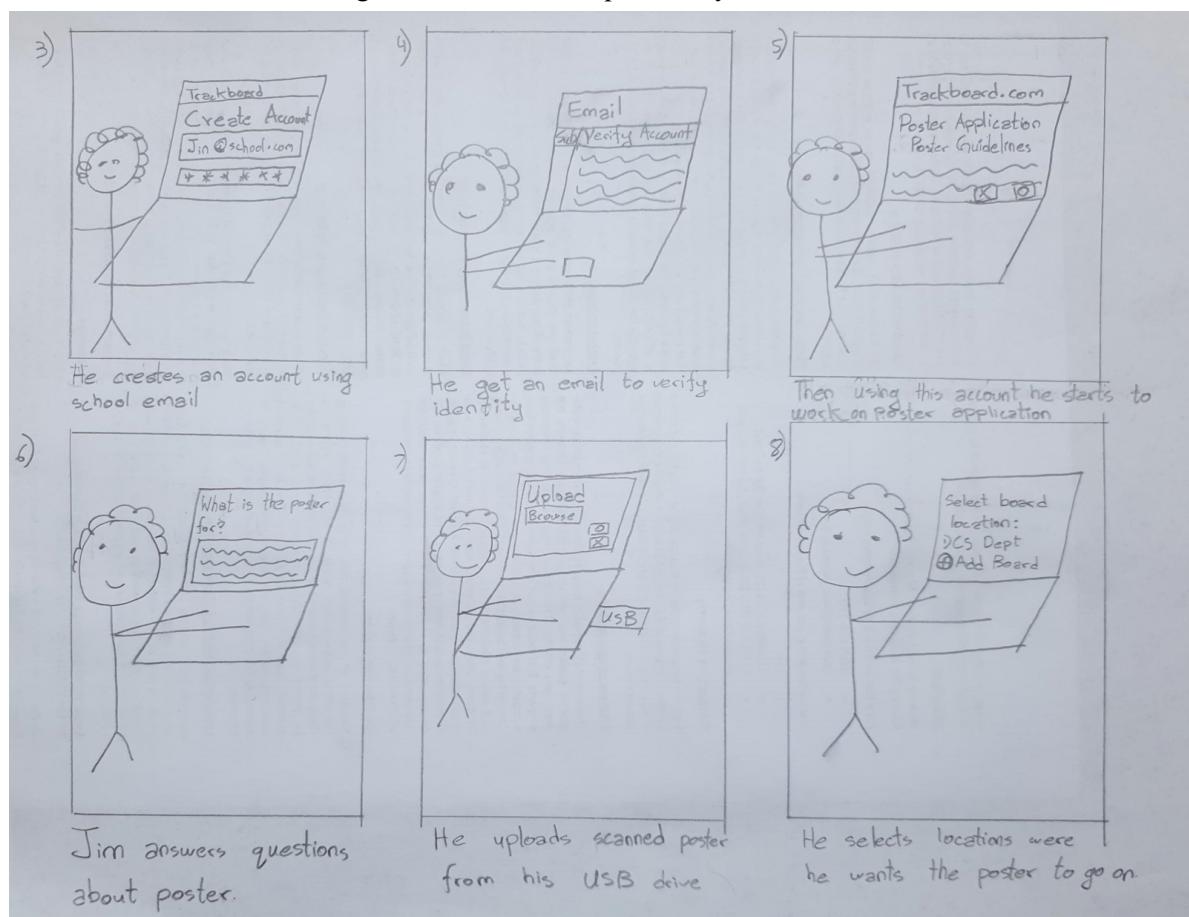


Figure 4.2: Iterated Request Storyboard Part 2

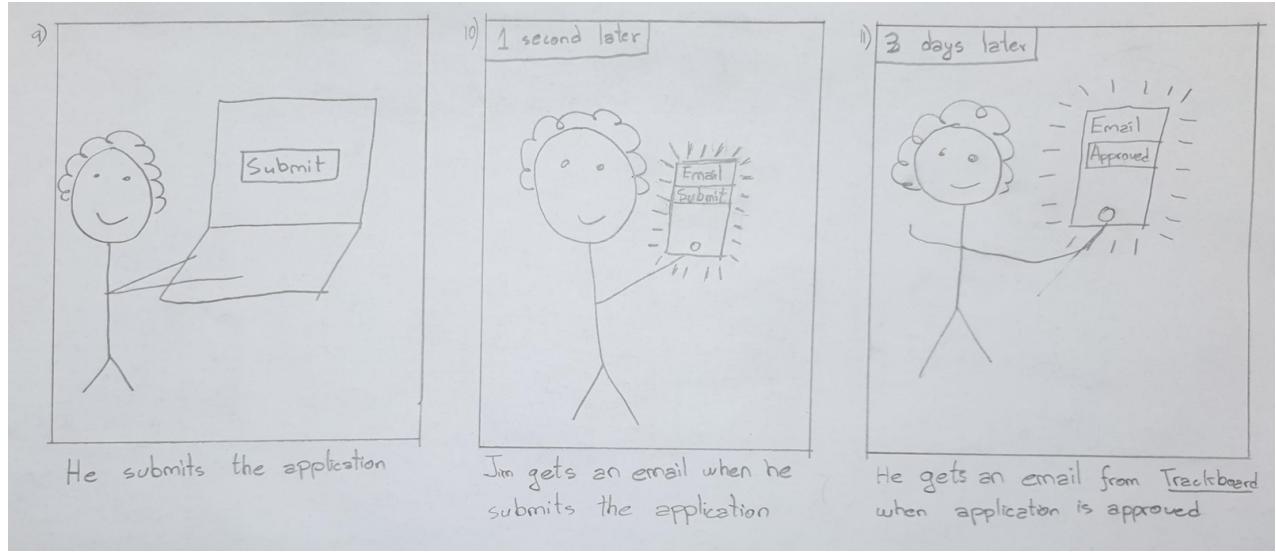


Figure 4.3: Iterated Request Storyboard Part 3

## Dashboard Iterated Storyboard

After reviewing the critique, made phone more visible and click sprinkles to show action

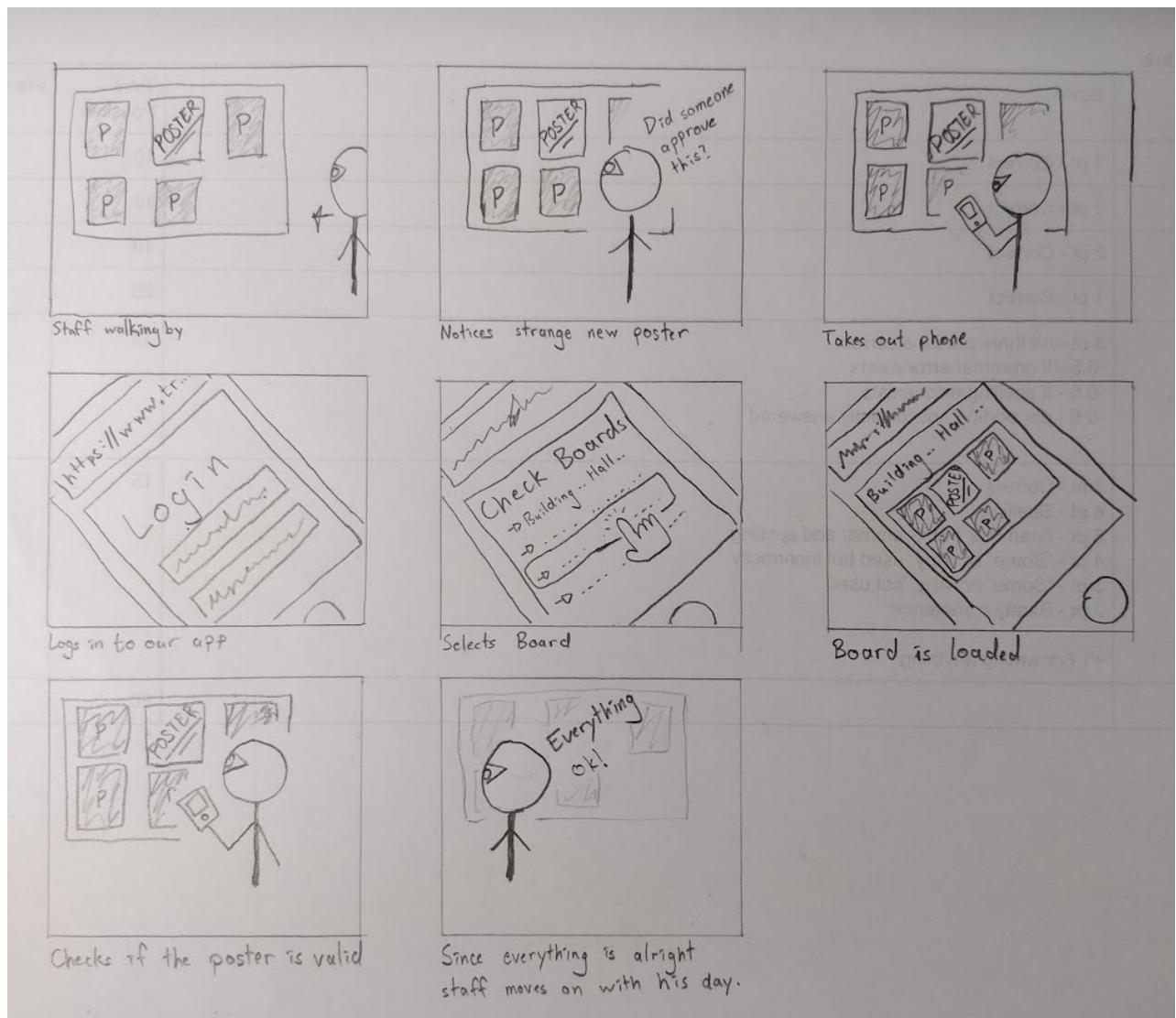


Figure 4.4: Iterated Dashboard Storyboard

## Authorization Iterated Storyboard

After reviewing critiques, clarified the email-to-Trackboard-web-page link.

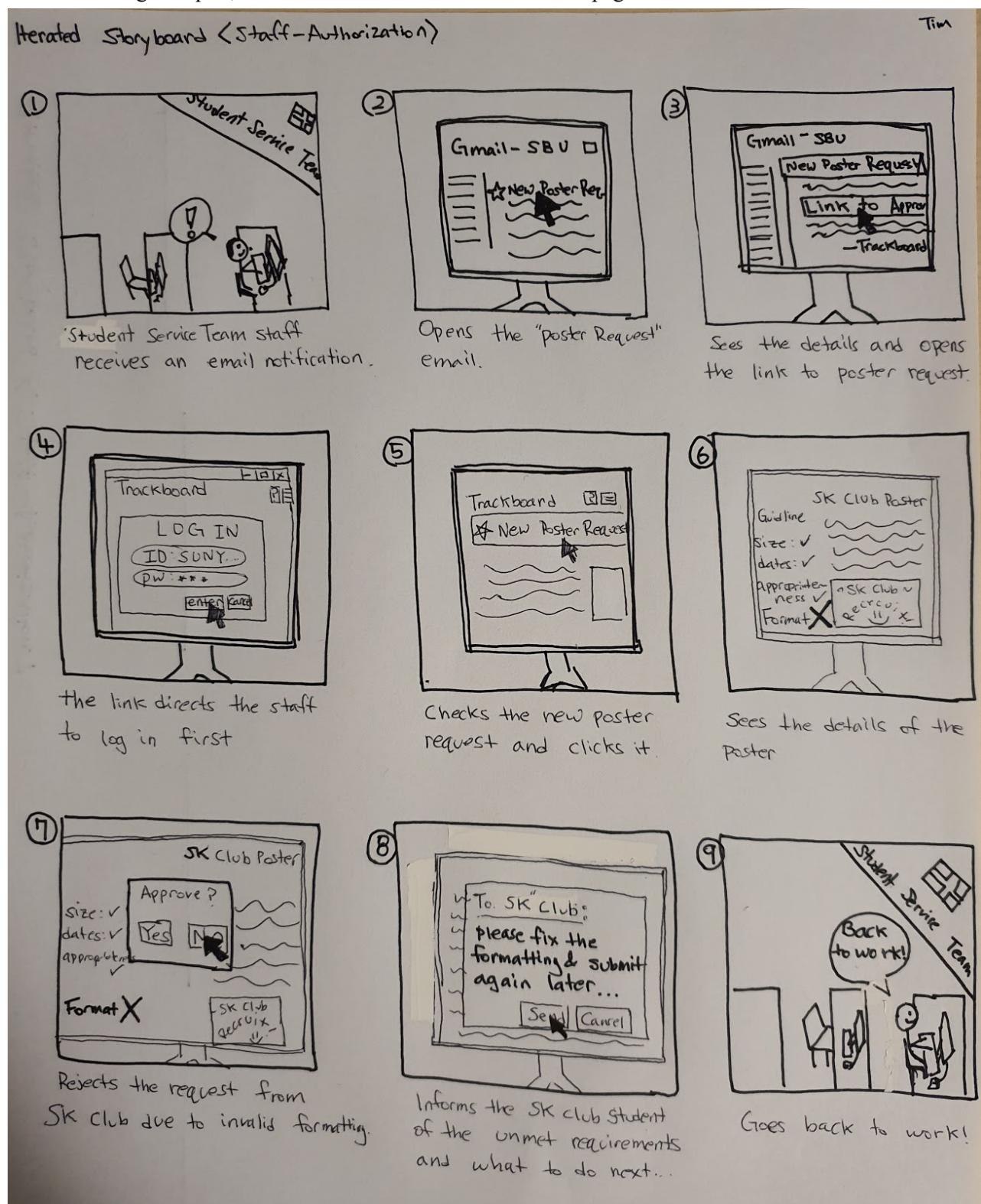


Figure 4.5: Iterated Authorization Storyboard

# Iterated Primary Interfaces

## Request Iterated Primary Interface

After reviewing the critique, I decided to add a progress bar and changed the design of the Sidebar links.

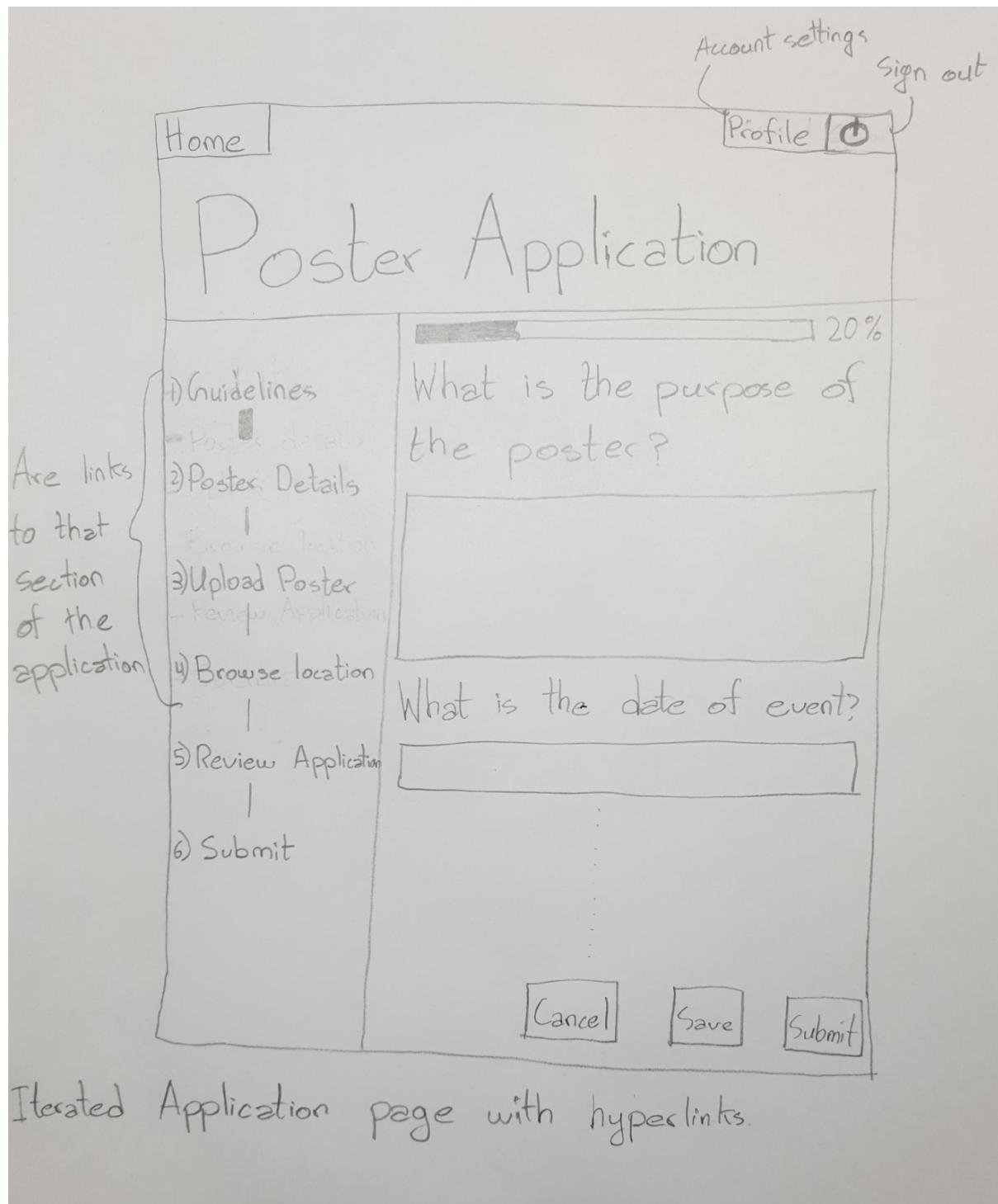


Figure 5.1: Iterated Request - Sidebar

## Dashboard Iterated Primary Interface

After reviewing the critique, I decided to add a couple more annotations

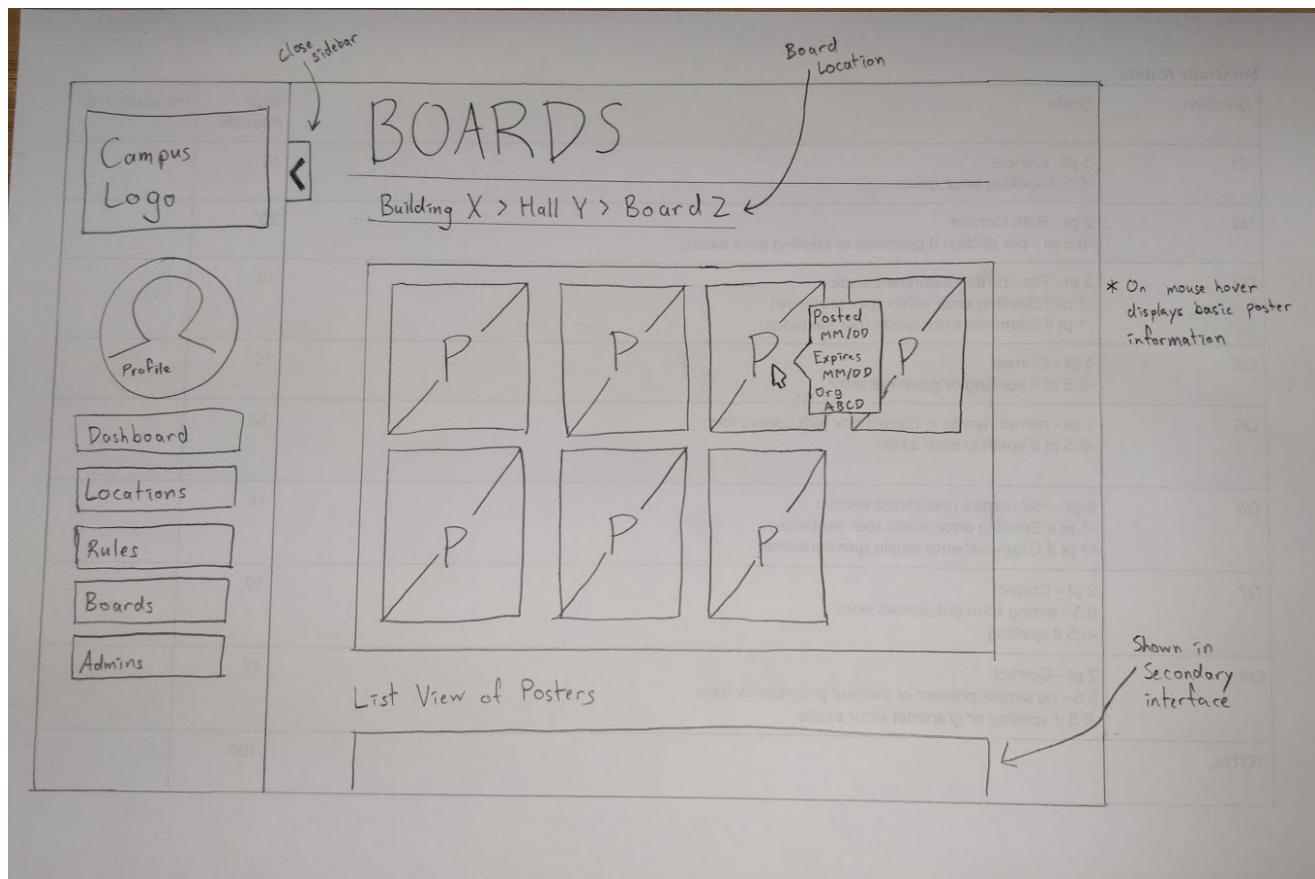


Figure 5.2: Iterated Dashboard Primary Interface

## Authorization Iterated Primary Interface

After reviewing the critiques, I structured the page in tables and added more clarification on each component.

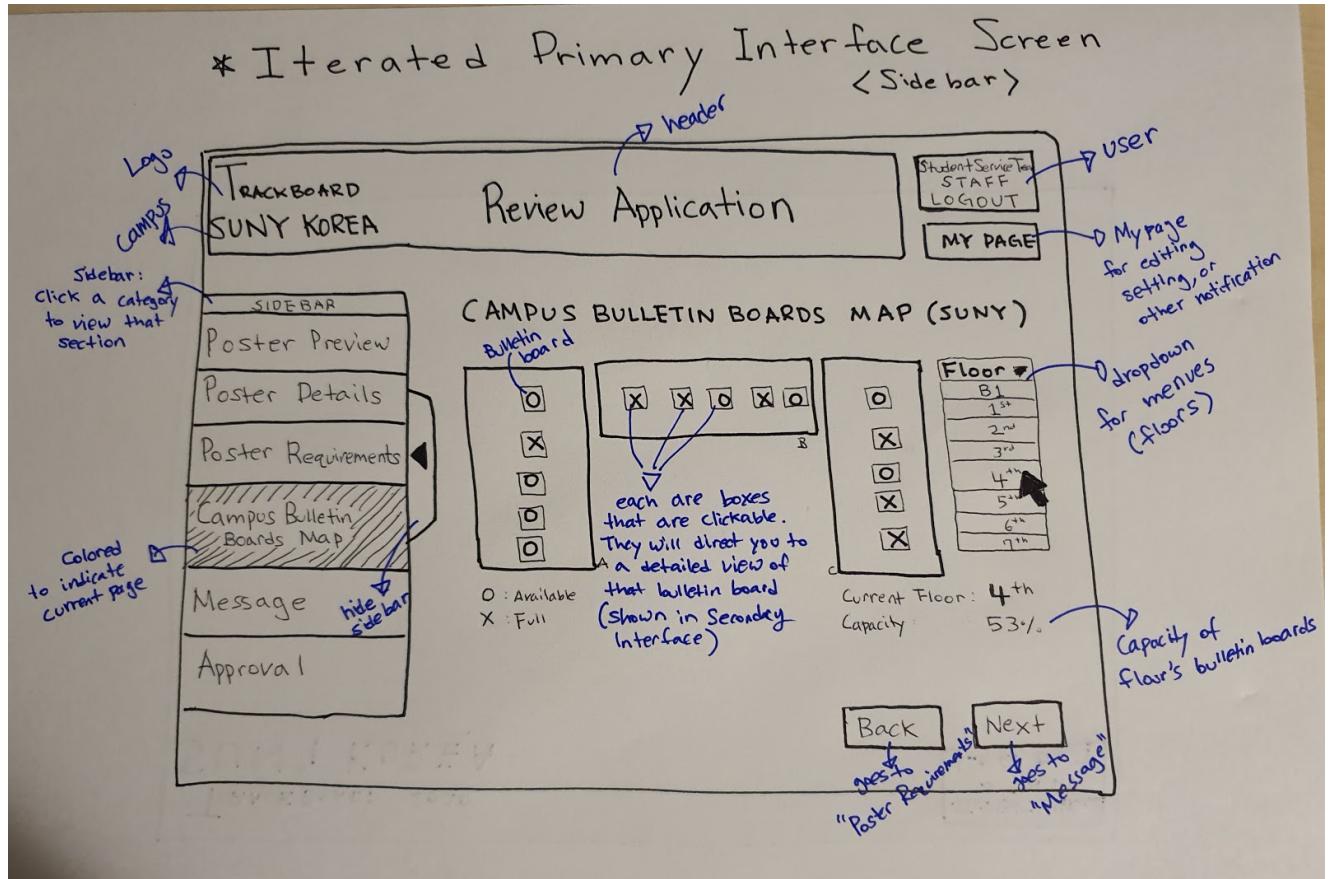


Figure 5.3: Iterated Authorization Primary Interface

# Appendix

## Brainstormed List

### Muhammad Bilal's Brainstorm and Three Primary Tasks

Brainstorm:

- 1) The student services are able to view a virtual depiction of the bulletin boards and can decide on which boards and where the new poster should go. If the application is approved the student is told the exact positions on the boards (also via the virtual board) that their posters should go on.
- 2) Anyone can see all the bulletin boards on campus online. The boards are organized by category.
- 3) Informs the student via email when the poster they posted has expired. The student is prompted to remove it and the student services are informed when the student successfully does so.
- 4) All students can see the bulletin boards by category but when signed in they can also apply and see the requirements to post on that bulletin board e.g to post on AMS department board it must be academic-related etc.
- 5) Keeps a record of who posted a poster on which board and when.
- 6) Dashboard for Student Services. Can view all boards. See list of who posted the posters, on which board, on what day was the application approved, etc.

Curtailed List:

1. The student services are able to view a virtual depiction of the bulletin boards and can decide on which boards and where the new poster should go. If the application is approved the student is told the exact positions on the boards (also via the virtual board) that their posters should go on.
2. Informs the student via email when the poster they posted has expired. The student is prompted to remove it and the student services are informed when the student successfully does so.
3. Dashboard for Student Services. Can view all boards organized by sub-categories. See list of who posted the posters, on which board, on what day was the application approved, etc.

## Haseung Lee's Brainstorm and Three Primary Tasks

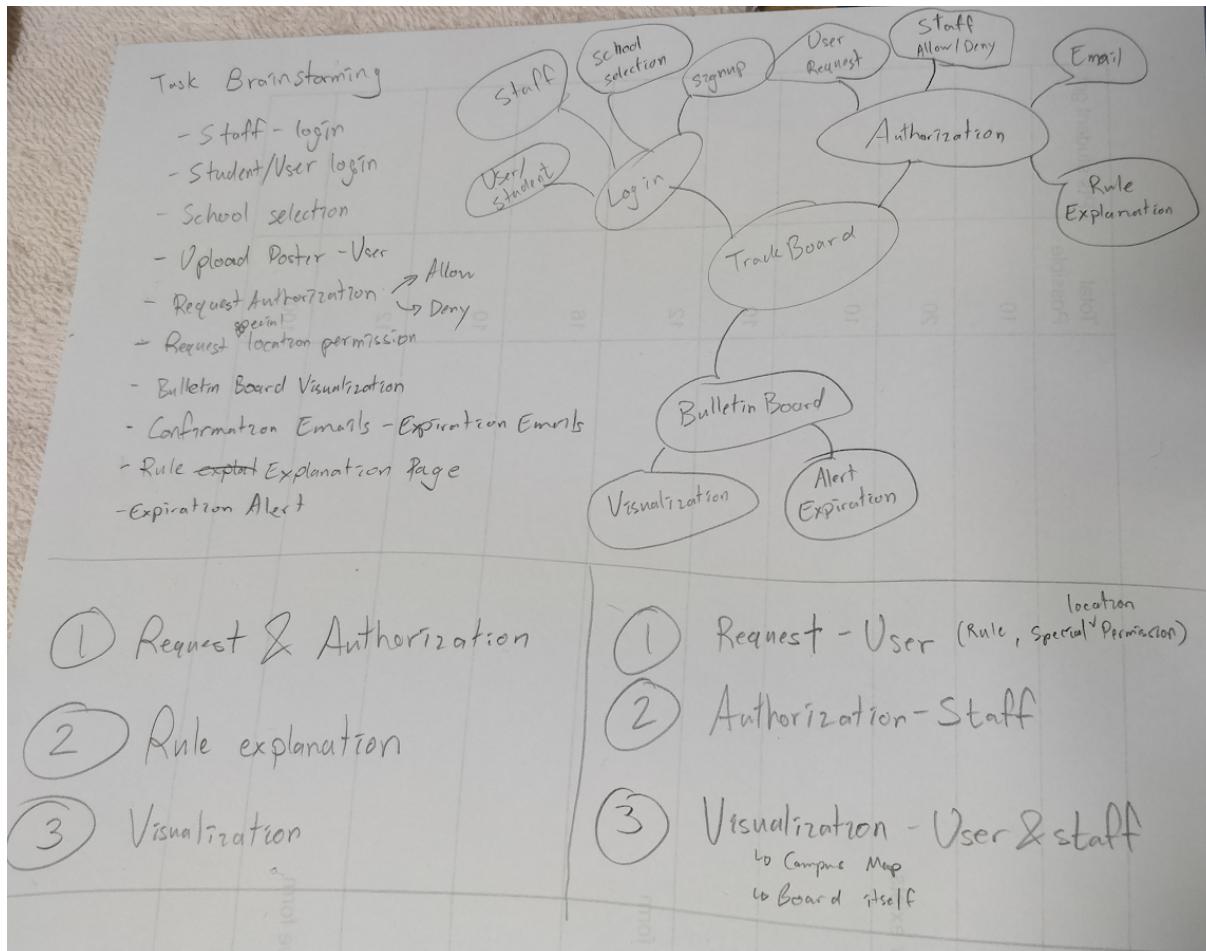


Figure 6.1: Haseung's Brainstorm and Three Primary Tasks

## Daekyung Kim's Brainstorm and Three Primary Tasks

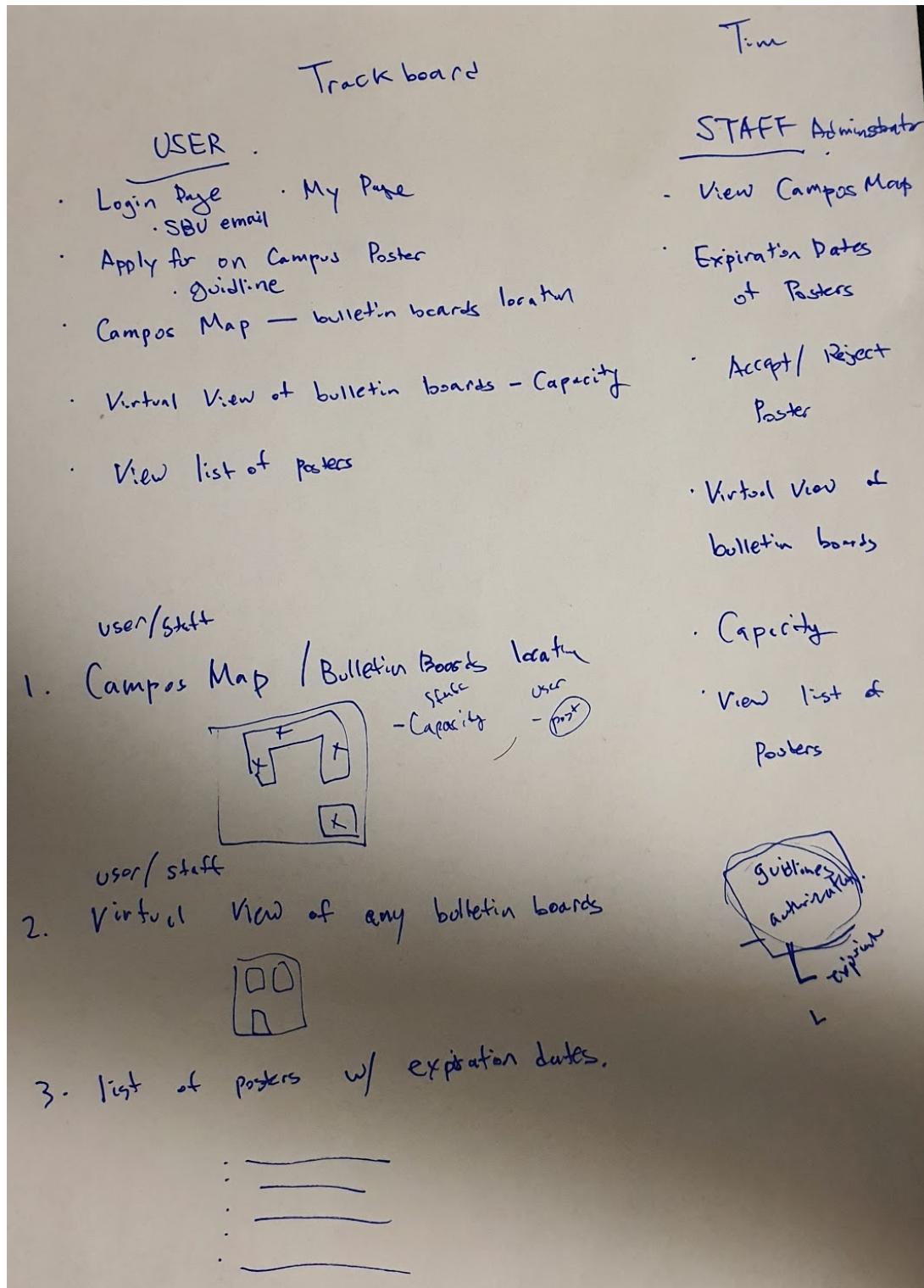


Figure 6.2: Daekyung's Brainstorm and Three Primary Tasks

# In Class Design Critiques

## Request Storyboard Critiques

Pros: It's fairly clear to see what is happening and how the poster application process looks like from the user's end.

Cons: Some panels lack annotations. In the 10th and 11th panel, it would be nice if there was an indicator of how much time has passed.

Question: How does the student create an account (Figure 1.1: Request Storyboard)? How does the school know that it is them?

Answer: The student makes the account using the school's email and they get an email request from Trackboard to verify their identity (similar to how most accounts are verified these days).

## Dashboard Storyboard Critiques

Pros: It's easy to see the situation, the problem, and the solution. Drawing the unique poster was good.

Cons: The phone being taken out and put away in the third and seventh image wasn't well drawn. In the fifth image a little sprinkle for click effect could be helpful, might just add clutter so it'll have to be drawn to see if it's actually better.

Question: What's the "list of poster" thing on the bottom?

Answer: An example is shown in secondary interfaces (Figure 4.3: Request - Locations Component). It will be a component similar to this example.

## Authorization Storyboard Critiques

Pros: It seems clear that the staff member is handling all the poster management online, and everything seems organized.

Cons: It is not 100% clear with 6 panels; it'd be better to have more panels to clarify. It'd be better if there is a log in between the link of Trackboard and the email.

Question: How is the email notification linked to the poster application? Do they need to log in?

Answer: They are directed to the webpage with a link in the email; they will first log in and handle the approval stage.

## Request Primary Interface Critiques

The other group critiqued Figure 2.3: Request - Sidebar and link

Pros: It is a very popular design so the user probably already knows how to use it.

Cons: The progress bar in the Figure 2.4: Request - Pop-up Sections was a very nice idea.

Question: There is no next button so how does the user go to the next section?

Answer: The user can just click on the link in the sidebar or he can scroll down to the next section.

## Dashboard Primary Interface Critiques

The other group critiqued Figure 2.5: Dashboard - Sidebar Menu.

Pros: It's very straight forward and it's a design that every internet user is used to.

Cons: It's just boring.

Question: What's the "list of poster" thing on the bottom?

Answer: An example is shown in secondary interfaces (Figure 4.3: Request - Locations Component). It will be a component similar to this example.

## Authorization Primary Interface Critiques

The other group critiqued Figure 2.10: Authorization - Primary Interface.

Pros: The general idea seems to be clear and organized.

Cons: The page lacks structure, and there is a lot of free space.

Question: How are the floors handled in the campus map?

Answer: There is a select option to choose certain floors. I'll add a dropdown for clarification.