

Trackboard

Sketches and Storyboards

Team Members:

Muhammad Bilal: muhammad.bilal@stonybrook.edu

Haseung Lee: haseung.lee@stonybrook.edu

Daekyung Kim: daekyung.kim@stonybrook.edu

Table of Content

Cohesive List of Tasks	3
Storyboards	4
Request Storyboard	4
Dashboard Storyboard	6
Authorization Storyboards	7
Primary Interfaces	8
Request Primary Interfaces	8
Dashboard Primary Interfaces	11
Authorization Primary Interfaces	13
Secondary Interface	15
Request Secondary Interfaces	15
Dashboard Secondary Interfaces	16
Authorization Secondary Interfaces	17
Iterated Storyboards	18
Request Iterated Storyboard	18
Dashboard Iterated Storyboard	20
Authorization Iterated Storyboard	21
Iterated Primary Interfaces	22
Request Iterated Primary Interface	22
Dashboard Iterated Primary Interface	23
Authorization Iterated Primary Interface	24
Appendix	25
Brainstormed List	25
In Class Design Critiques	28

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. Logs into Trackboard to verify identification.
 - ii. Checks the poster request for basic requirements and details
 - 1. University poster format, appropriateness, location, dates, etc
 - iii. Sends a feedback message to the student with instructions on what to do next.
 - 1. Accepted
 - a. Staff notifies the student with approval and what to do next.
 - 2. Rejected
 - a. Staff sends a refusal message to the students for the reason it is not accepted and asks for a revision.

Storyboards

Request Storyboard

Student Applies for Poster Approval

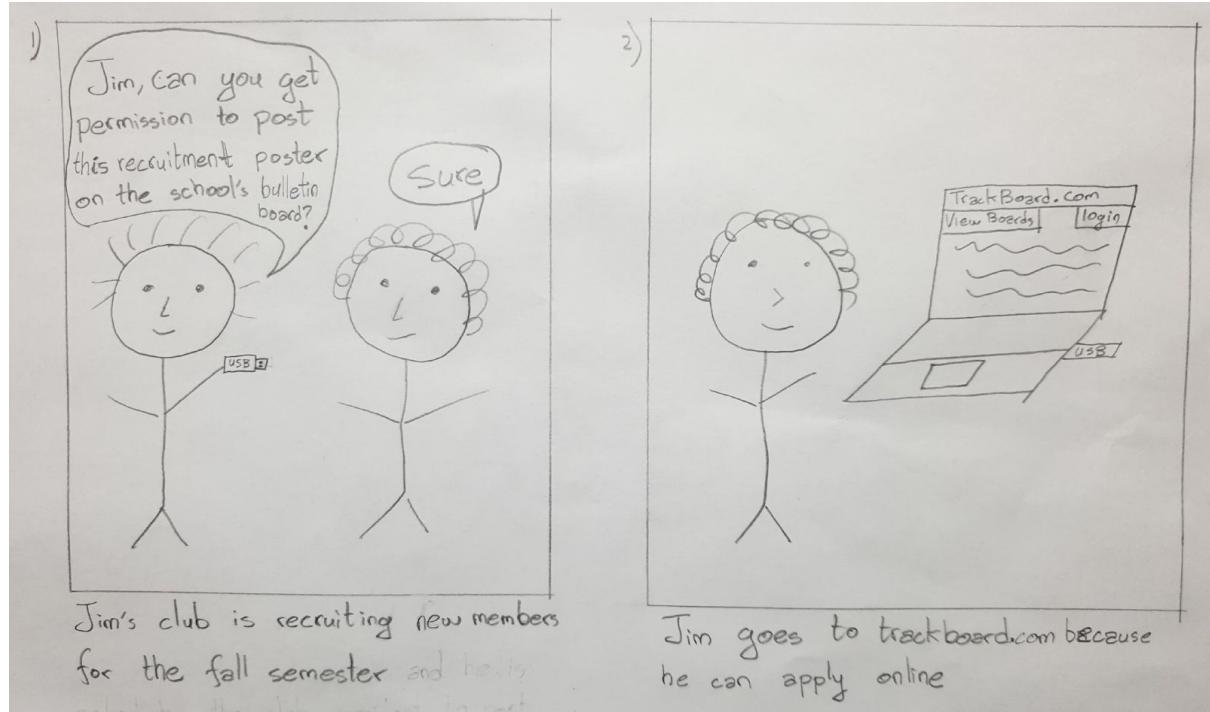


Figure 1.1: Request Storyboard Part 1

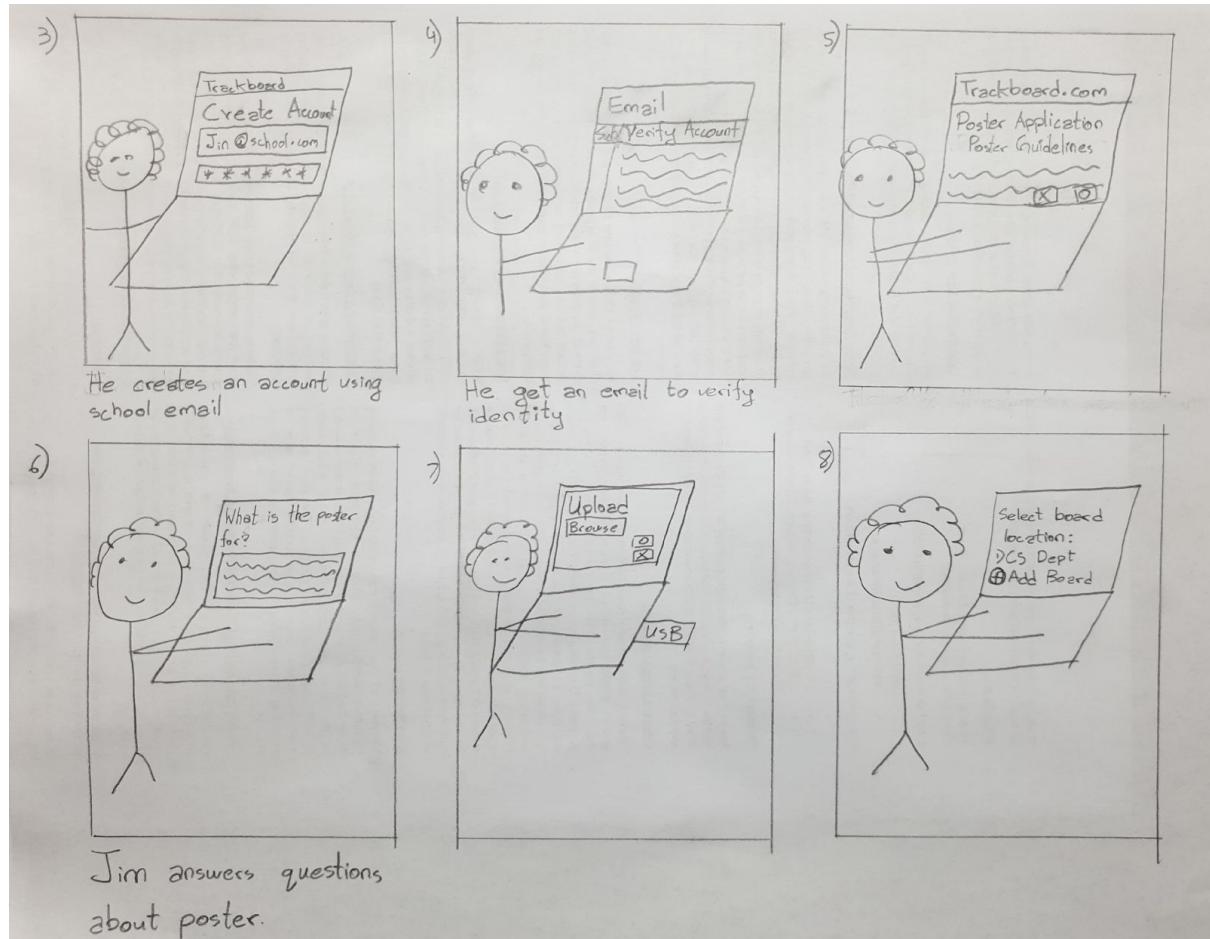


Figure 1.2: Request Storyboard Part 2

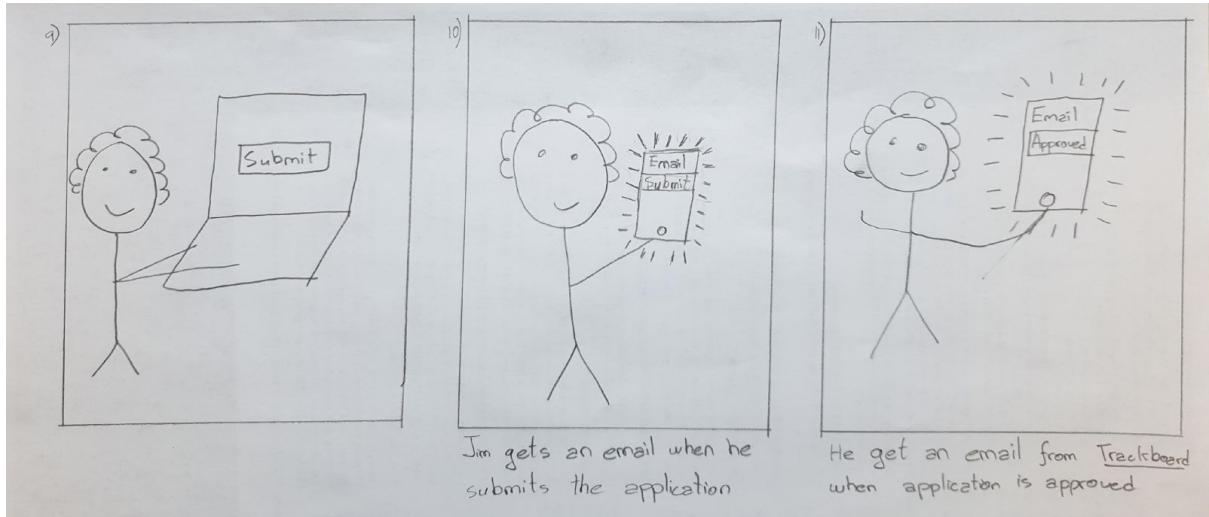


Figure 1.3: Request Storyboard Part 3

Dashboard Storyboard

Staff checks if the new poster is valid.

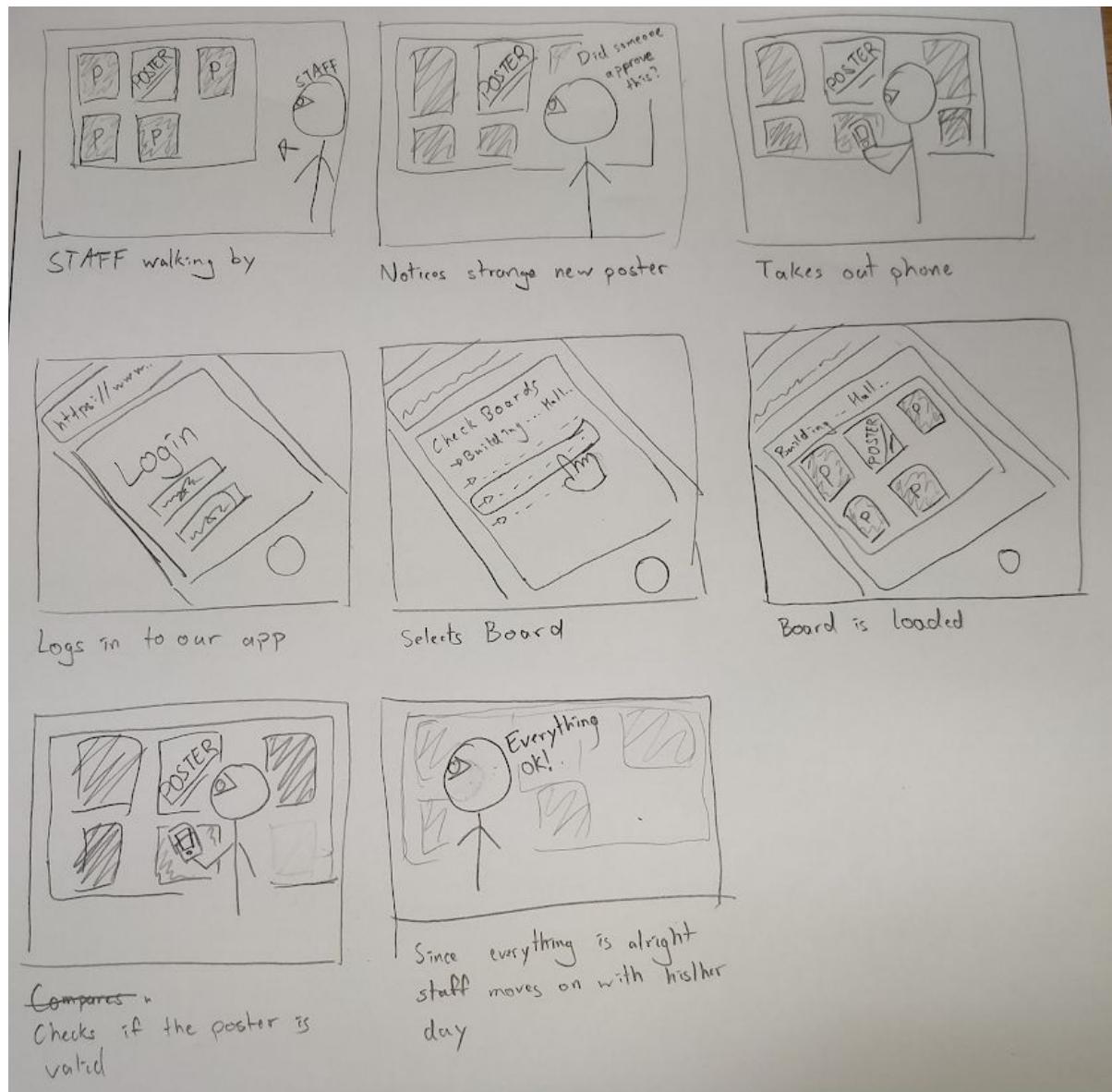


Figure 1.4: Dashboard Storyboard

Authorization Storyboards

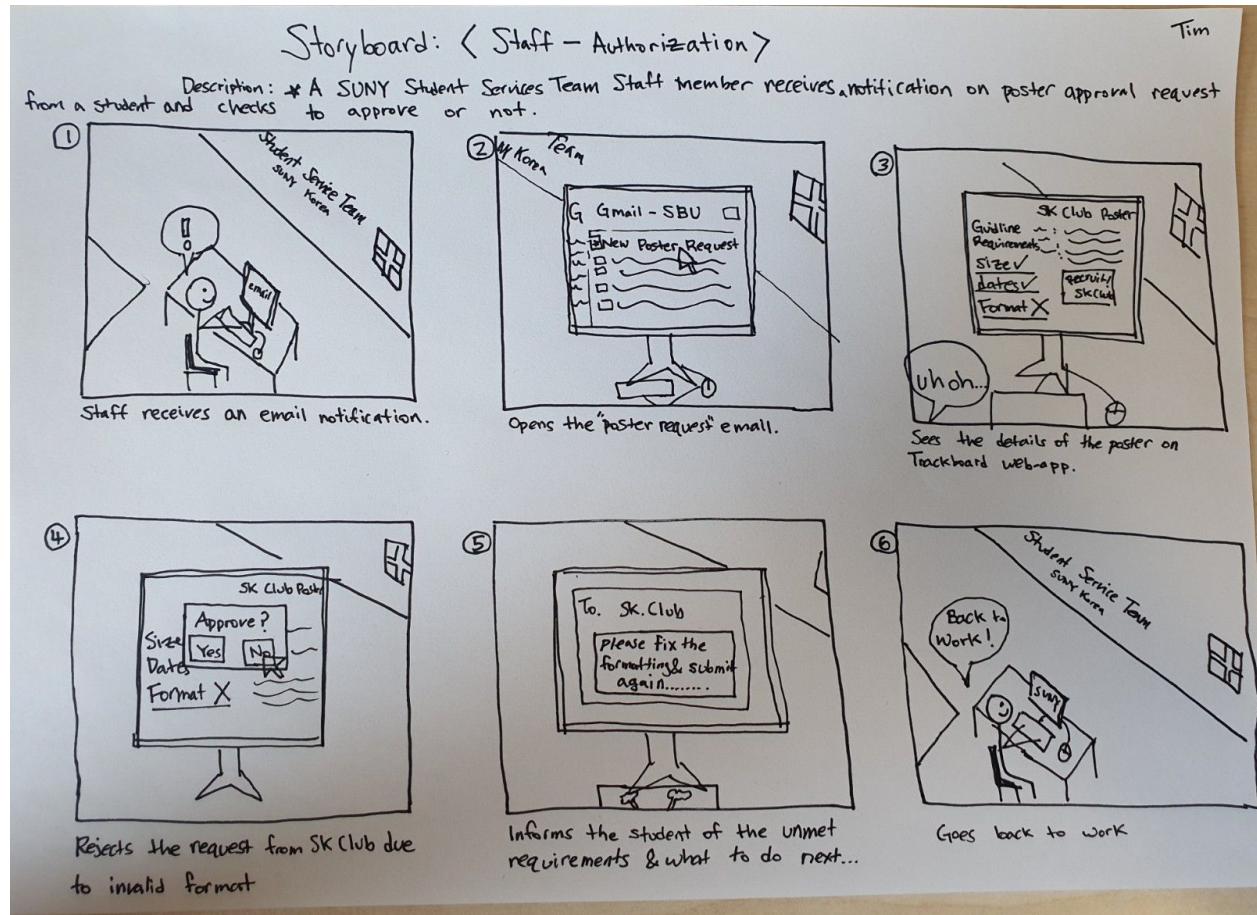


Figure 1.5: Authorization Storyboard

Primary Interfaces

Request Primary Interfaces

Poster Approval Application Page with Scrolling

The diagram shows a wireframe of a 'Poster Application' page. 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 question 'What is the purpose of the poster? *' followed by a large text input field. Next is a question 'When is the event? (can be range) *' followed by another text input field. Then there's a section for 'Poster Size:' with radio buttons for 'A4', 'A3', 'Other' (with a text input field), and a 'Browse' button for file selection. Below that is an 'Add another' button. The next section is 'Select location and Position:' with a 'Select' button and an 'Add another' button. At the bottom are three buttons: 'Cancel', 'Submit', and 'Save'. A curved arrow points from the 'Submit' button towards the 'Save' button. The entire page is labeled 'Poster Approval Application page' at the bottom.

Home page button

User Account Setting button

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

A hand-drawn wireframe of a 'Poster Application' page. At the top left is a 'Home' button, and at the top right are 'Account' and 'Sign out' buttons. Below the title 'Poster Application' is a horizontal sequence of five numbered circles (1, 2, 3, 4, 5) connected by arrows. A bracket on the left labeled 'current stage' points to circle 2. Below this sequence is the question 'What is the purpose of the poster?' followed by a large empty rectangular input field. At the bottom are three buttons: 'Save', 'Cancel', and 'Next'. An annotation to the right of 'Next' says 'On final stage, this button is replaced with submit'. Below the main title is the text 'Application Page with Stages'.

Figure 2.2: Request - Stages

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

A hand-drawn wireframe of a 'Poster Application' page featuring a sidebar on the left. The sidebar contains a list of links: 'Guidelines', 'Poster details', 'Upload Poster', 'Browse location', 'Review Application', and 'Submit'. A bracket on the left side of the sidebar is labeled 'Are links to that section of the application?'. At the top right are 'Account settings', 'Profile', and 'Sign out' buttons. The main content area has two questions: 'What is the purpose of the poster?' and 'What is the date of event?'. Both questions have associated empty rectangular input fields. At the bottom are three buttons: 'Cancel', 'Save', and 'Submit'. Below the main content is the text 'Application page with hyperlinks.'

Figure 2.3: Request - Sidebar and link

Poster Approval Application Page with Pop-up Sections

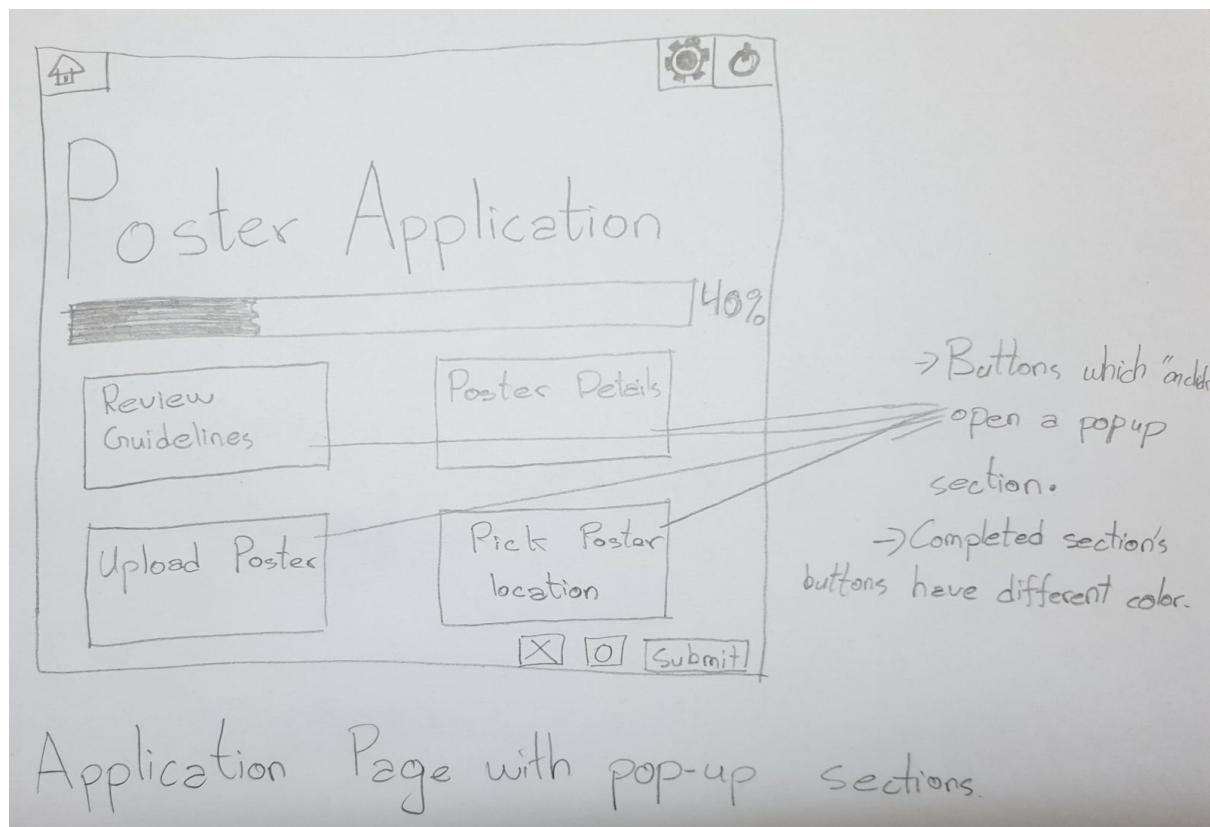


Figure 2.4: Request - Pop-up Sections

Dashboard Primary Interfaces

★ A dashboard with a sidebar menu.

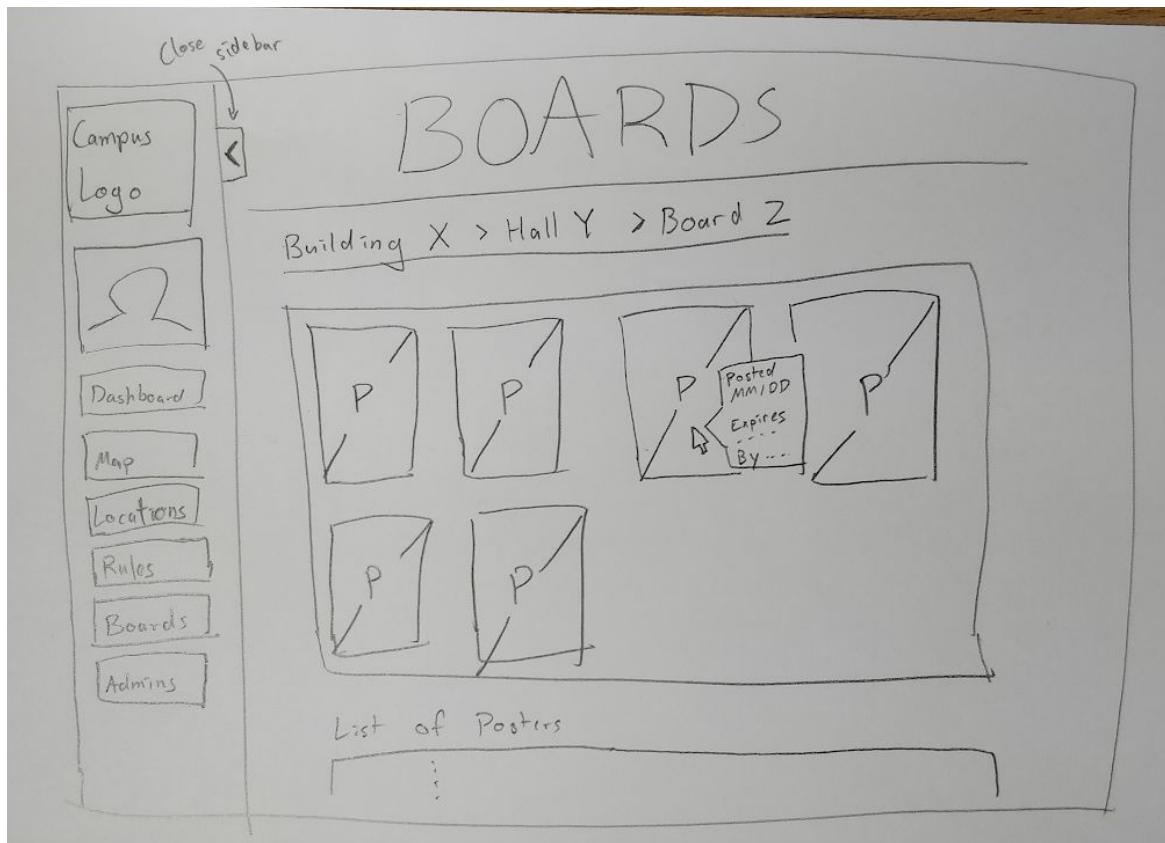


Figure 2.5: Dashboard - Sidebar Menu

Timeline styled dashboard.

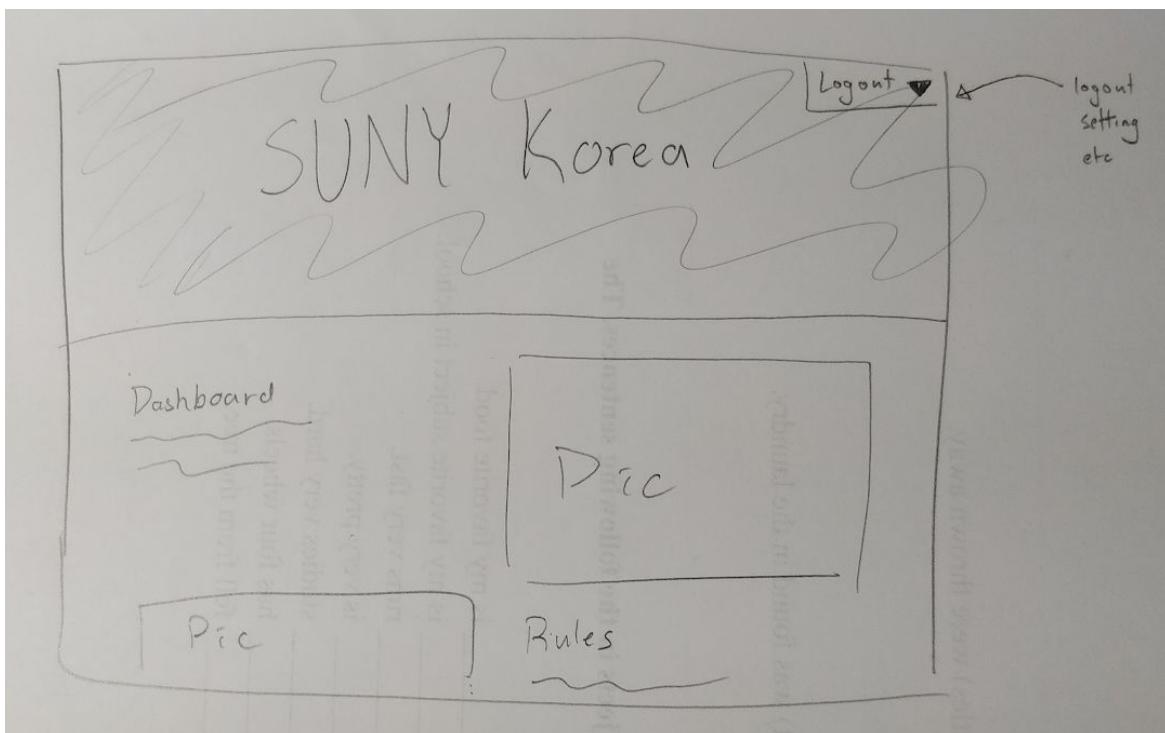


Figure 2.6: Dashboard - Timeline

Dashboard with minimalistic menu.

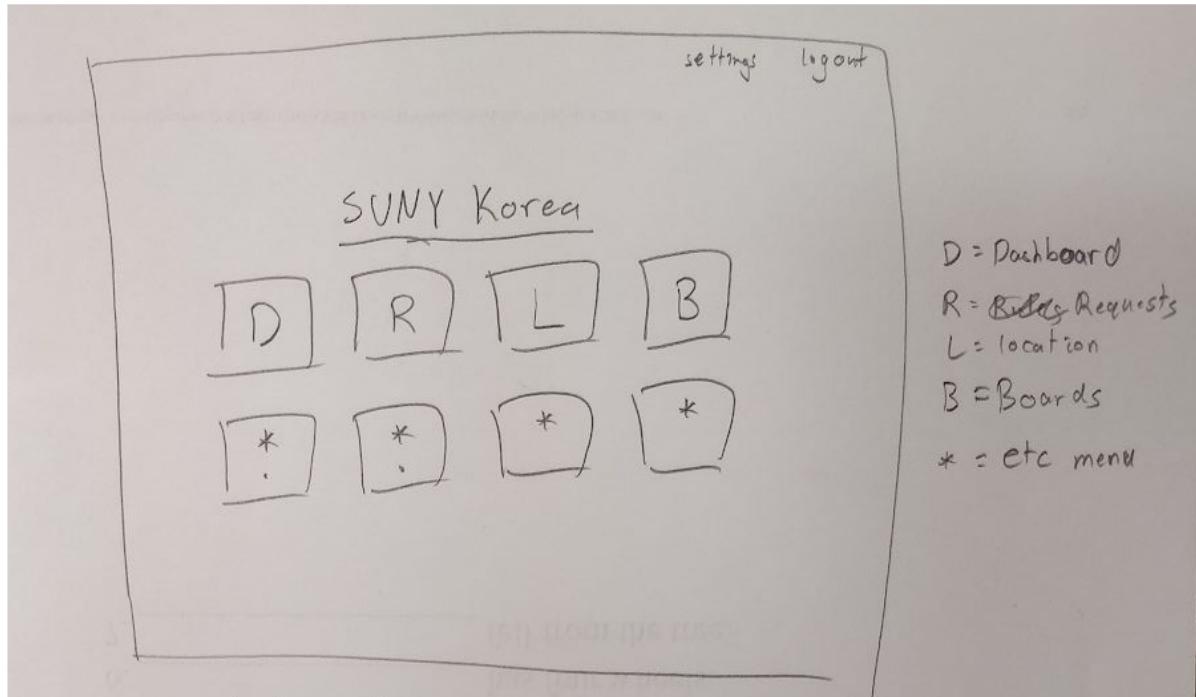


Figure 2.7: Dashboard - Minimalistic

Dashboard with a tabular menu.

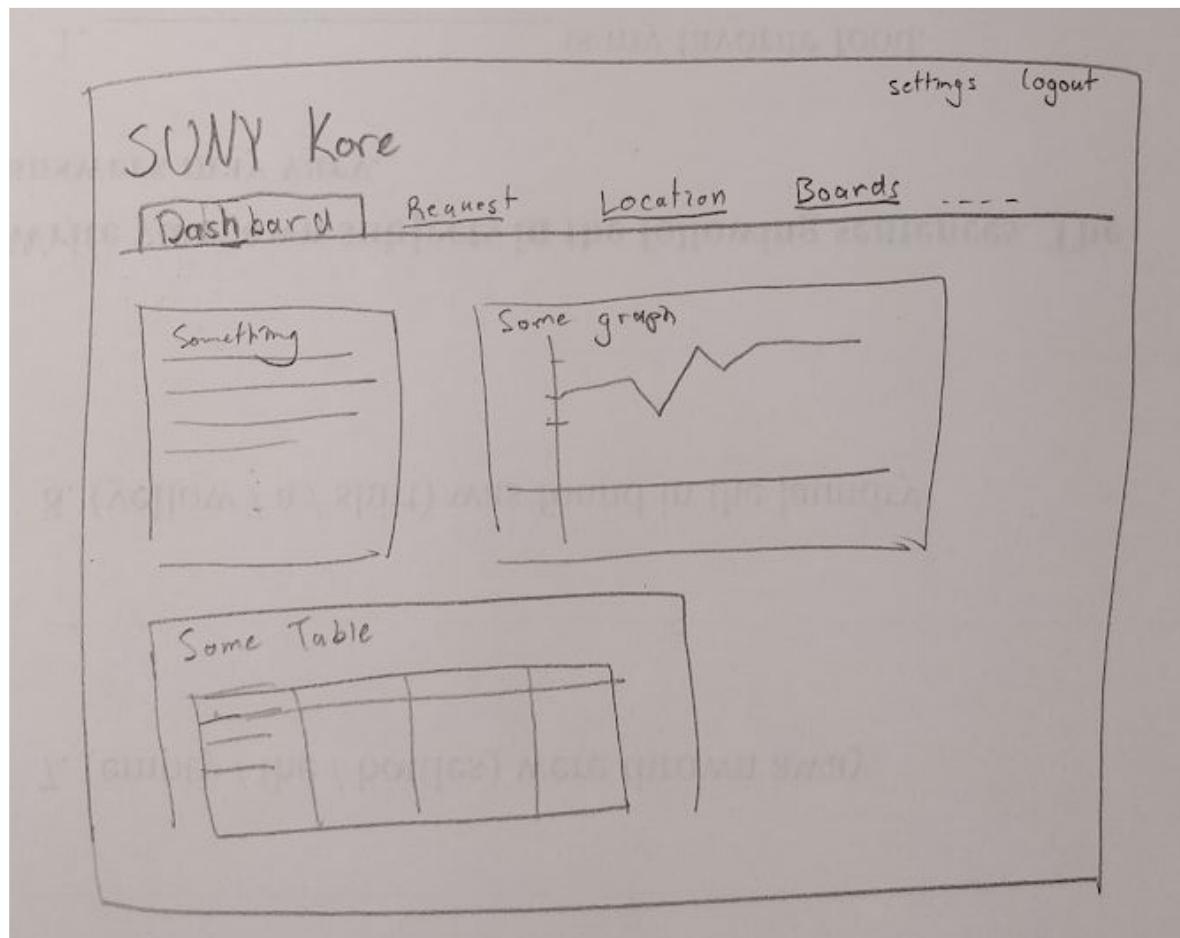


Figure 2.8: Dashboard - Tabular

Authorization Primary Interfaces

An authorization interface with every function in one page.

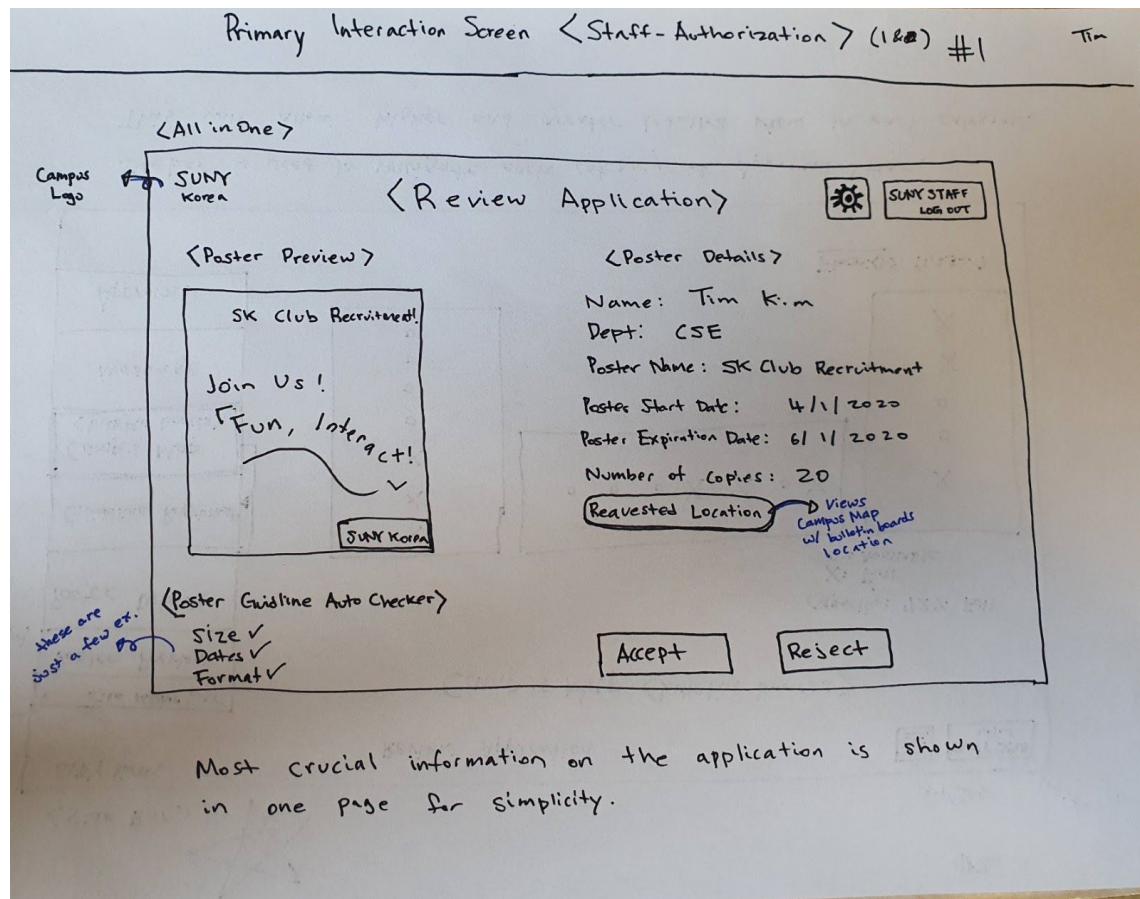


Figure 2.9: Authorization - All in One

★ Authorization with a sidebar for menus.

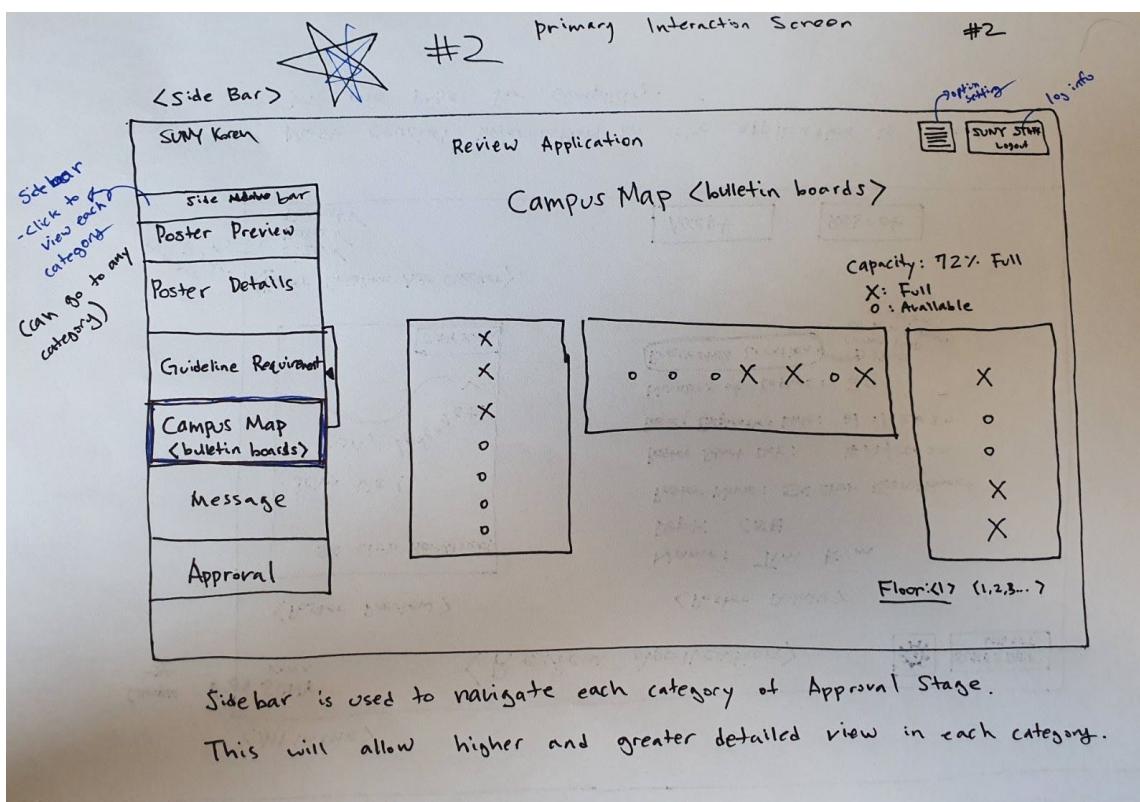


Figure 2.10: Authorization - Sidebar

Authorization interface separated into boxes by functionality.

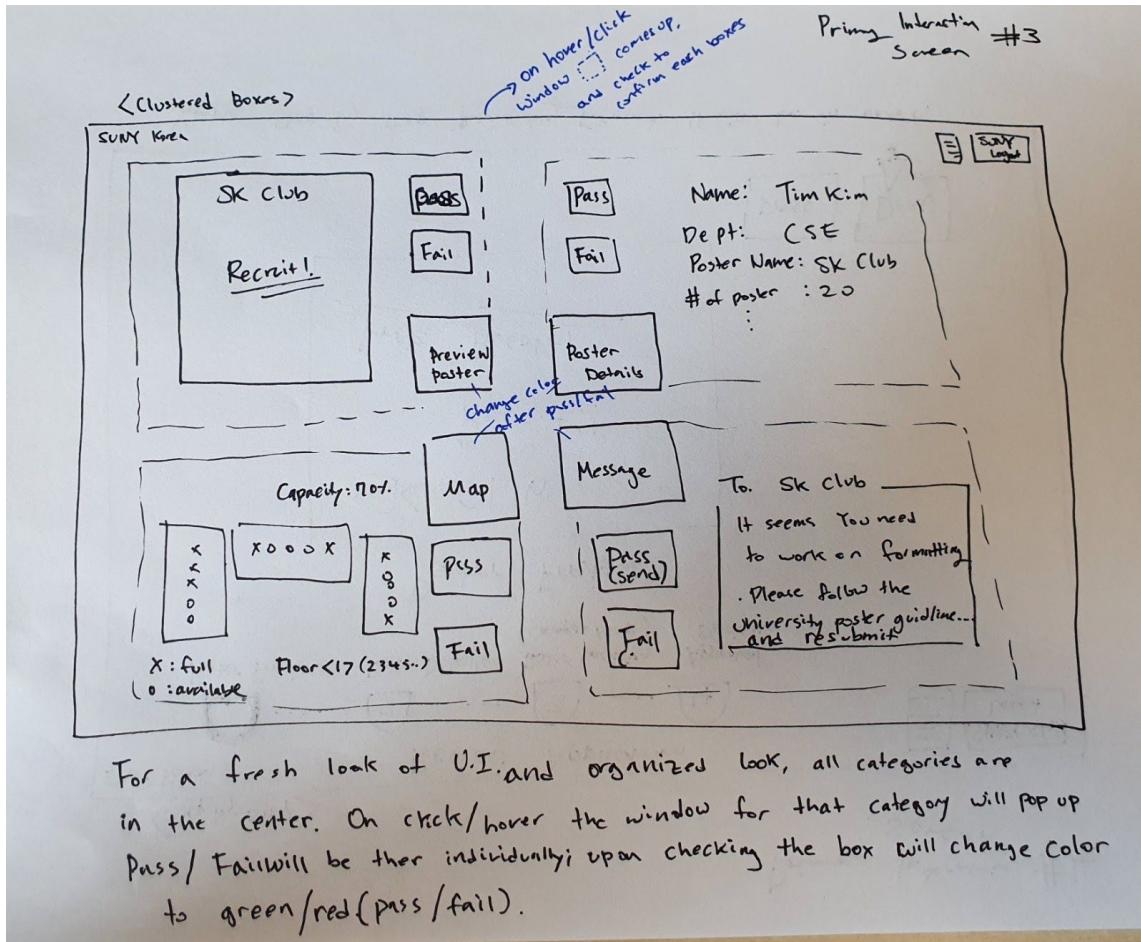


Figure 2.11: Authorization - Clustered Boxes

Authorization interface with a stepper flow.

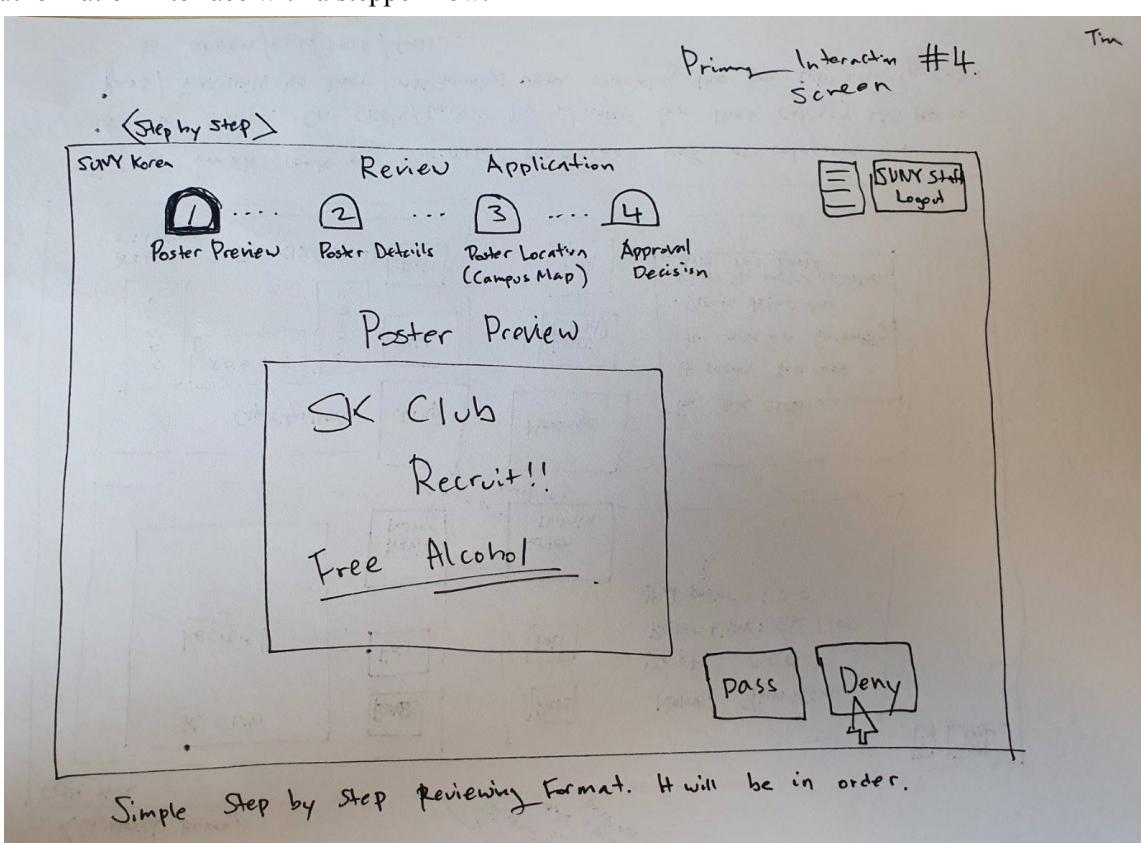


Figure 2.12: Authorization - Step by Step

Secondary Interface

Request Secondary Interfaces

Secondary Interfaces - Selecting Poster Location

Secondary Interface based on Primary Interface #2

Poster Application

- Guidelines
- Poster details
- Upload Poster
- Browse location
- Review Application
- Submit

Pick a Bulletin board:

Category: General Buildings Library

Board: 1 2 3 4 5 6 7 8 9 10

Show

Pick Position:

Open	P	P
P	Open	P
Add		

Selected locations:

Club - Library - 2nd Board Position

(Selecting)

Add Cancel Save Next

Drop down menu to help select board

Clicking button shows the selected board in the section below.

Clicking button adds selected board and positioning to selected locations below.

click to delete location

Selecting poster location with drop down.

Figure 3.1: Request - Select

Secondary Interface based on Primary Interface #2

Poster Application

- Guidelines
- Poster details
- Upload Poster
- Browse location
- Review Application
- Submit

Select Poster location:

Category: Club Buildings Library

Boards: 1 2 3 4 5 6 7 8 9 10

P	P	P
P	P	P

Add selected location

Add

Current board location

Can both be used to browse through all bulletin boards

Toggle bulletin boards

Selected locations:

Club - 1st Floor - 3rd Board Position

(Selecting)

Add Cancel Save Next

Delete selection

Figure 3.2: Request - Browse

Dashboard Secondary Interfaces

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

The wireframe shows a main title "Location" at the top left. Below it is a table titled "Table of current locations" with columns: Building, Hall, Name, Dimensions, Img, and Edit. There are three rows of data: Aan (Building A, Hall a), Bob (Building B, Hall b), and two empty rows. To the right of the table is a note: "*For Img column not sure if we'll do base64 or img-links or both". Below the table is a form titled "Add Location Form" with fields for Building and Hall, followed by an "Add" button. To the right of the form is a note: "*For Edit not sure if we'll do popup style or Edit and Save directly on the table row".

Figure 3.3: Dashboard - Locations Component

WYSIWYG Editor for adding, updating, removing rules.

The wireframe shows a main title "Rules" at the top left. Below it is a "WYSIWYG Preview" area with a "Save" button. To the right of the preview is a note: "*The preview will be exactly what the users will see". Below the preview is a "WYSTWYG Editor" area containing a toolbar with icons for B, I, U, S, ..., Img, and Vid, and a list of items: e.g., 1. Hi, 2. Hello, 3. Bye. To the right of the editor is a note with an arrow pointing left: "← Not sure where to put save button yet". At the bottom left is a "Add/Edit / Remove Rules" button. To the right of the button is a note: "*No add or delete since Rules will always be exactly one page per campus".

Figure 3.4: Dashboard - Rules Component

Authorization Secondary Interfaces

Secondary interfaces for Authorization.

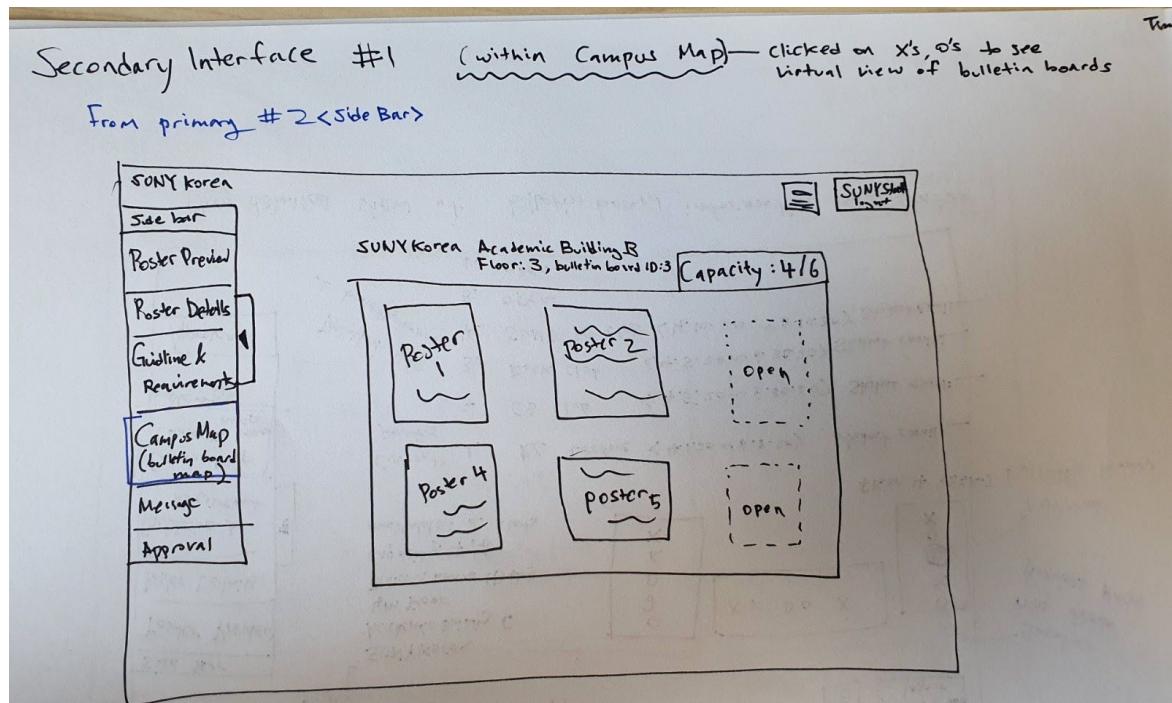


Figure 3.5: Authorization- Campus Bulletin Board Map Component

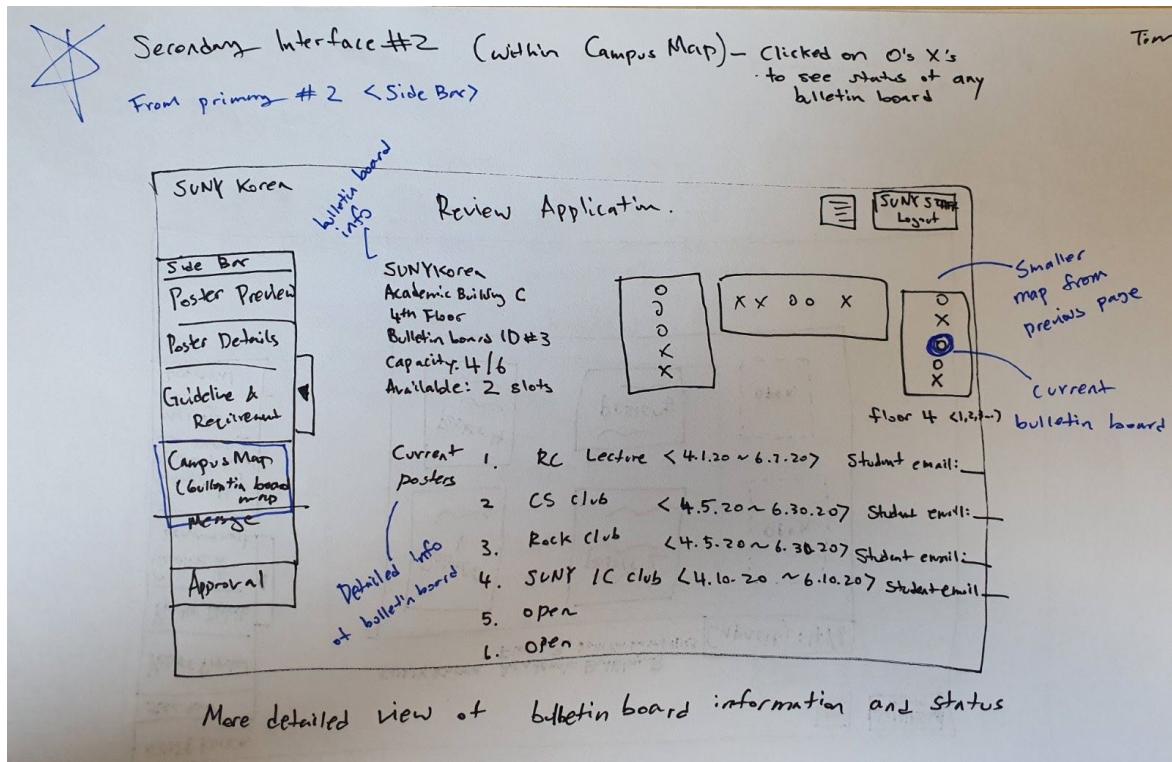


Figure 3.6: Authorization- Campus Bulletin Board Map Component #2

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.

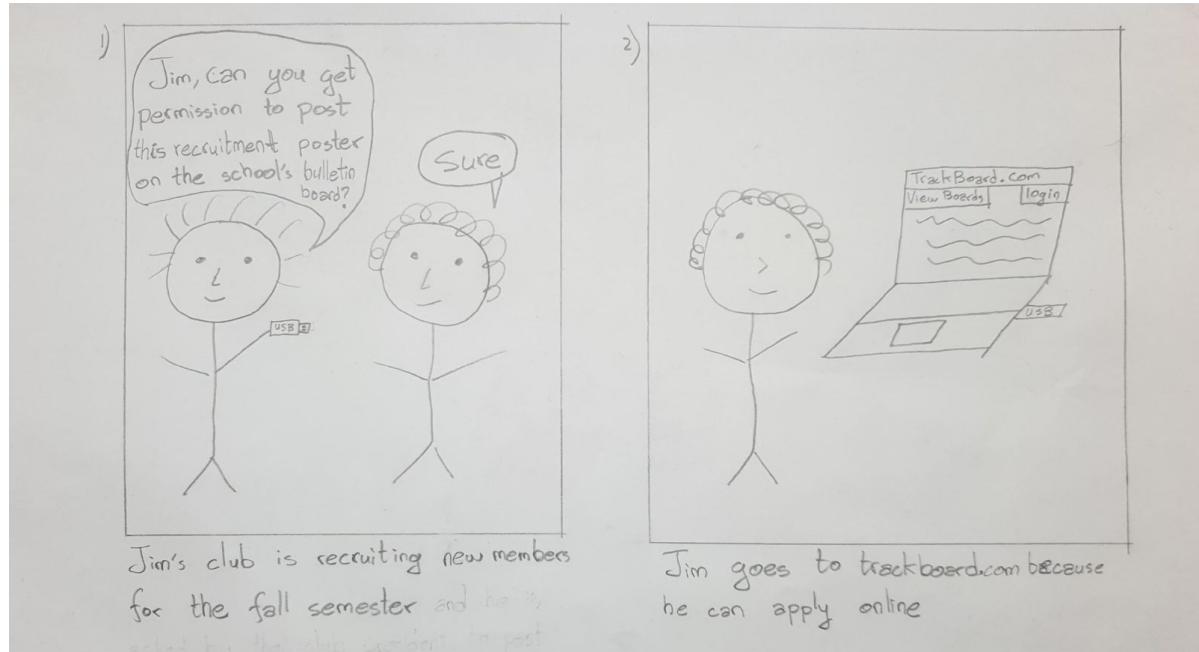


Figure 4.1: Iterated Request Storyboard Part 1

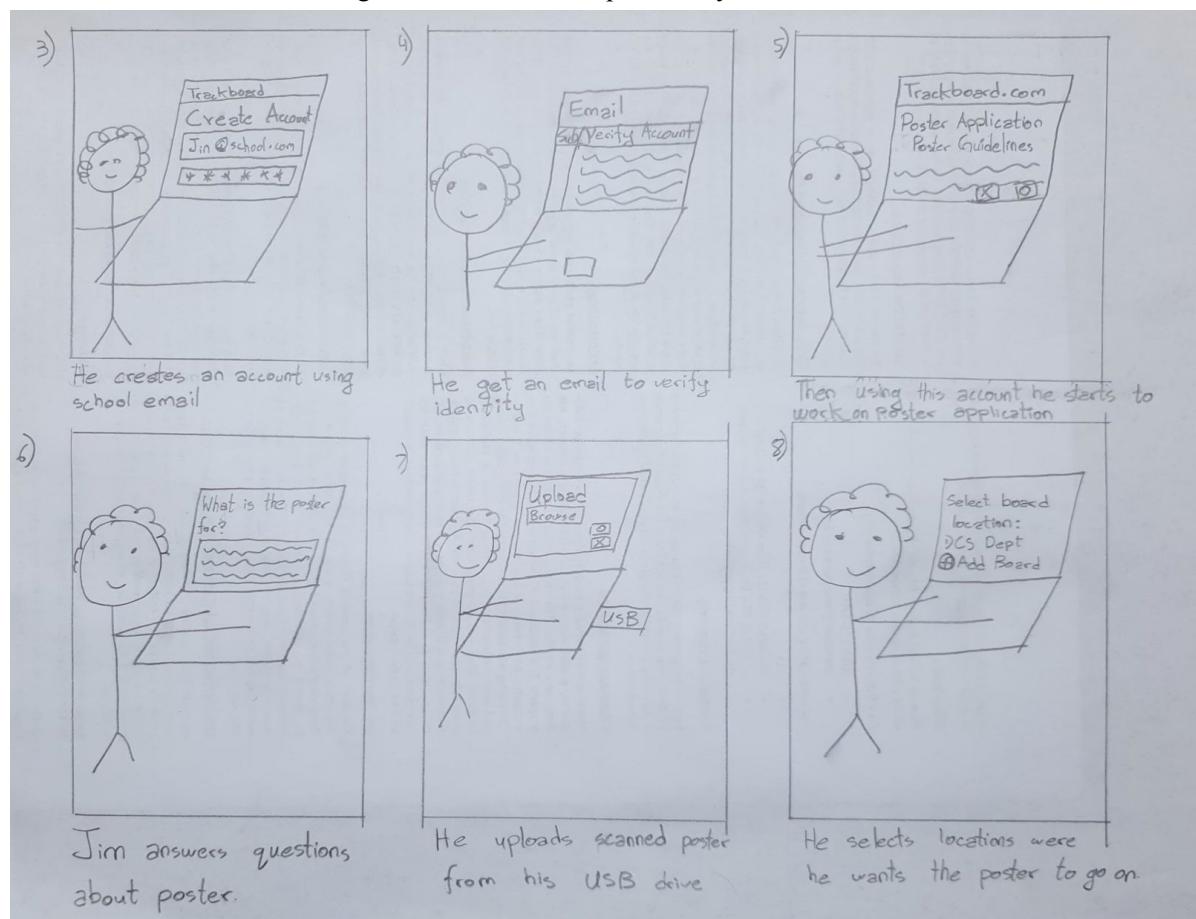


Figure 4.2: Iterated Request Storyboard Part 2

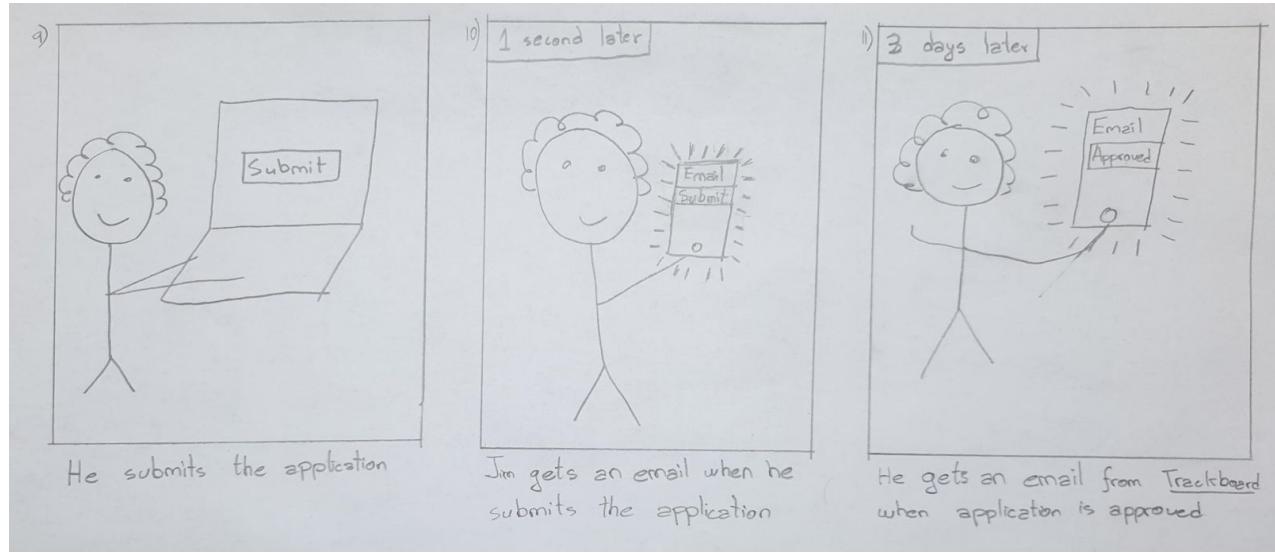


Figure 4.3: Iterated Request Storyboard Part 3

Dashboard Iterated Storyboard

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

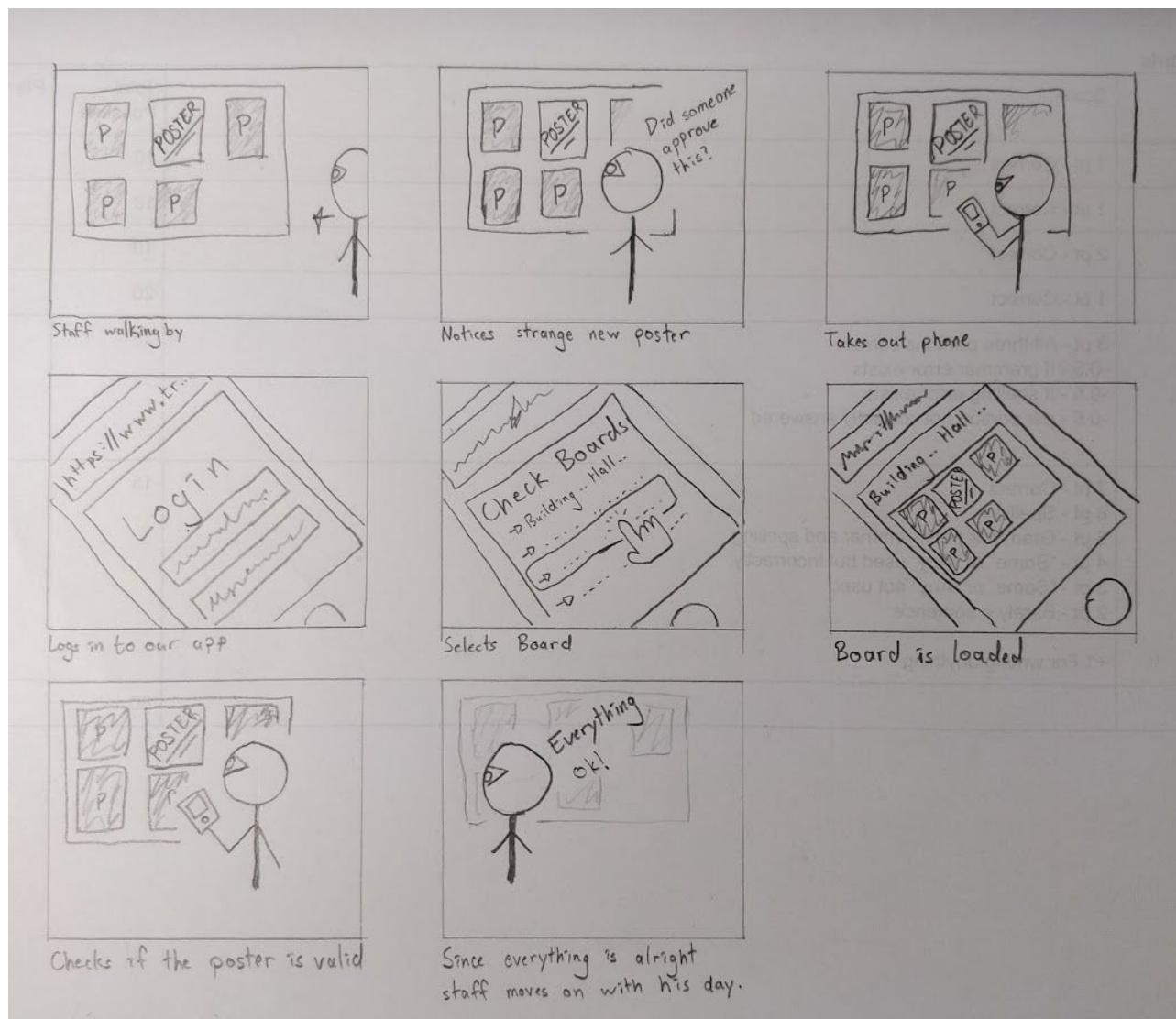


Figure 4.4: Iterated Dashboard Storyboard

Authorization Iterated Storyboard

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

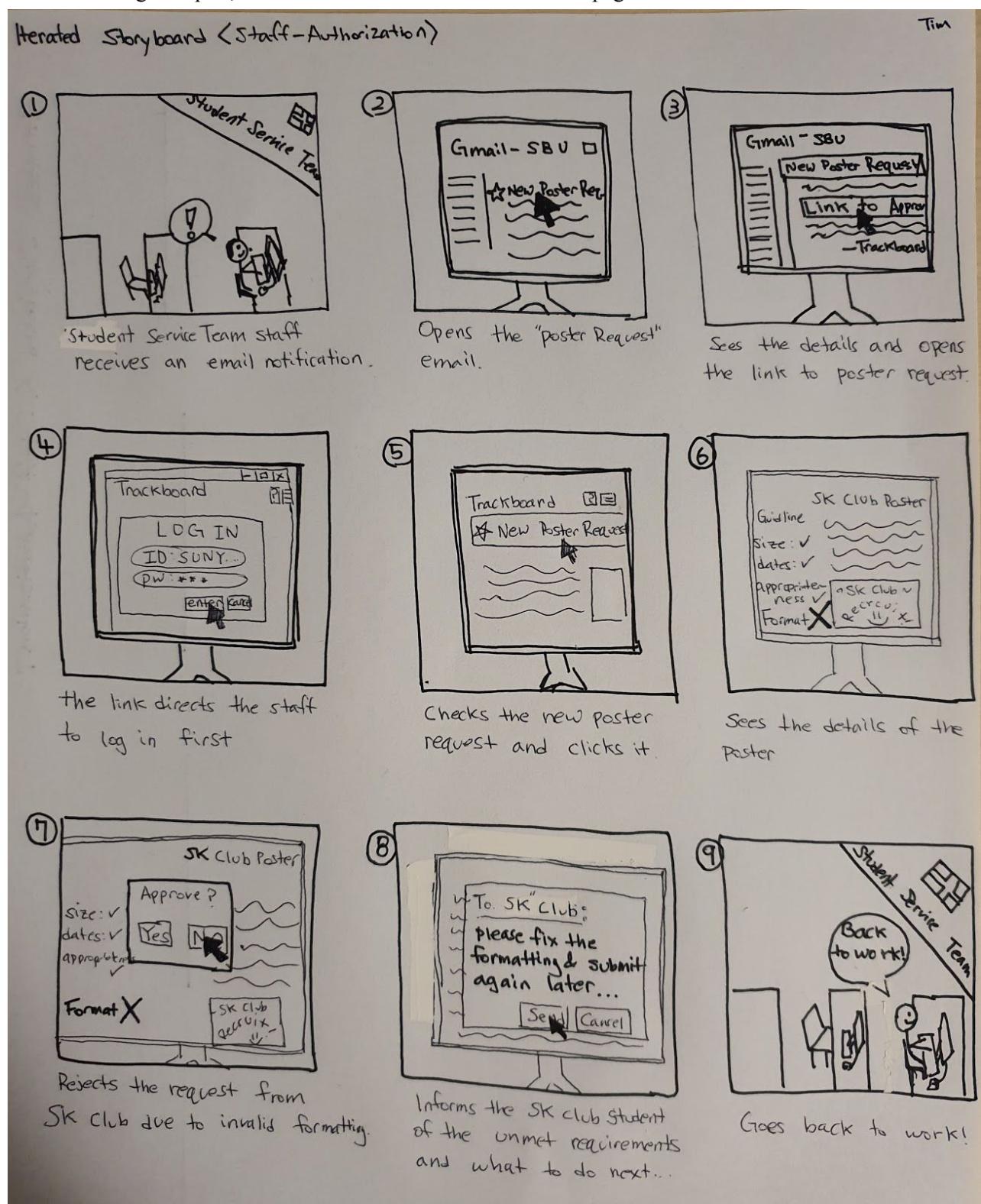


Figure 4.5: Iterated Authorization Storyboard

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.

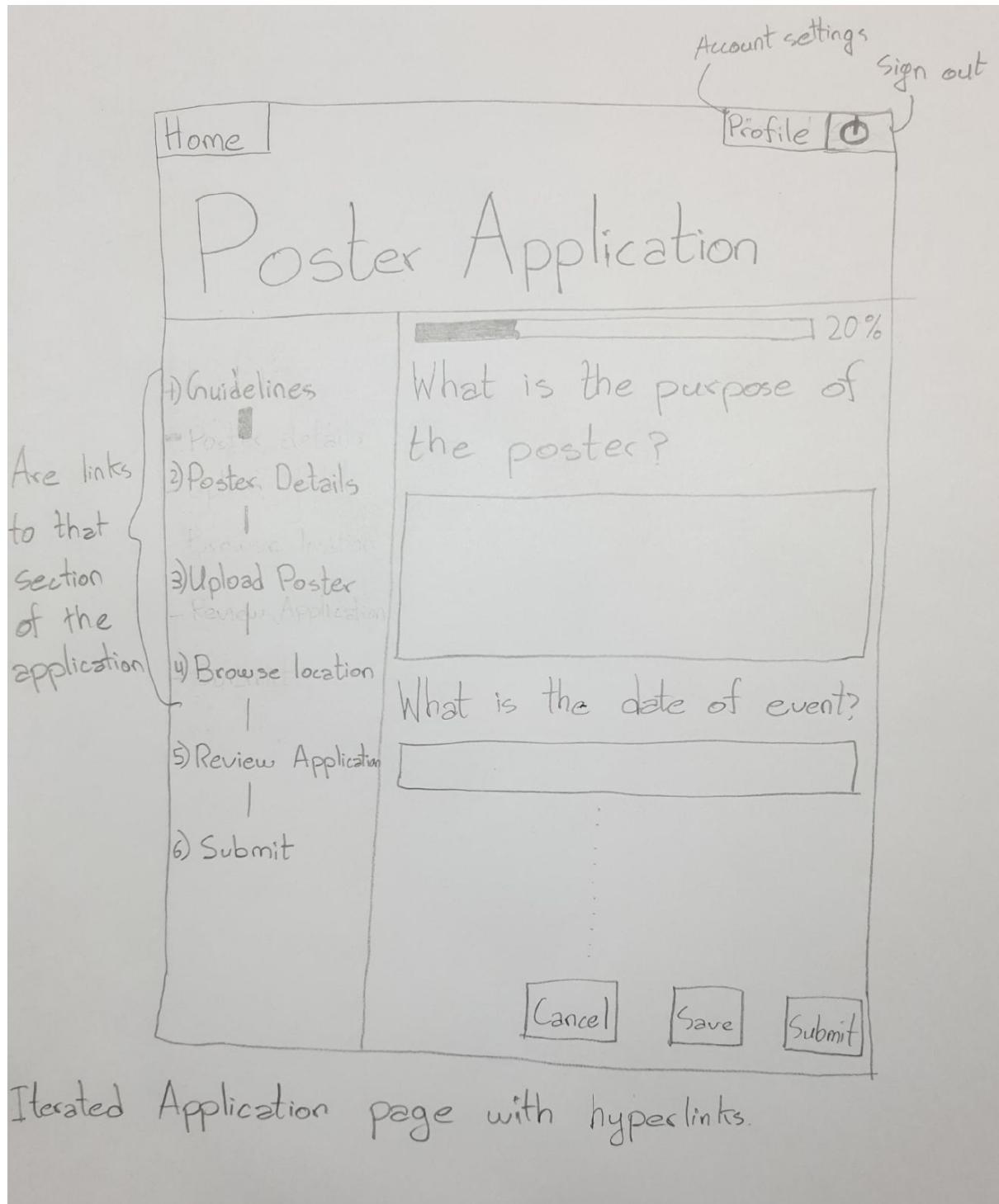


Figure 5.1: Iterated Request - Sidebar

Dashboard Iterated Primary Interface

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

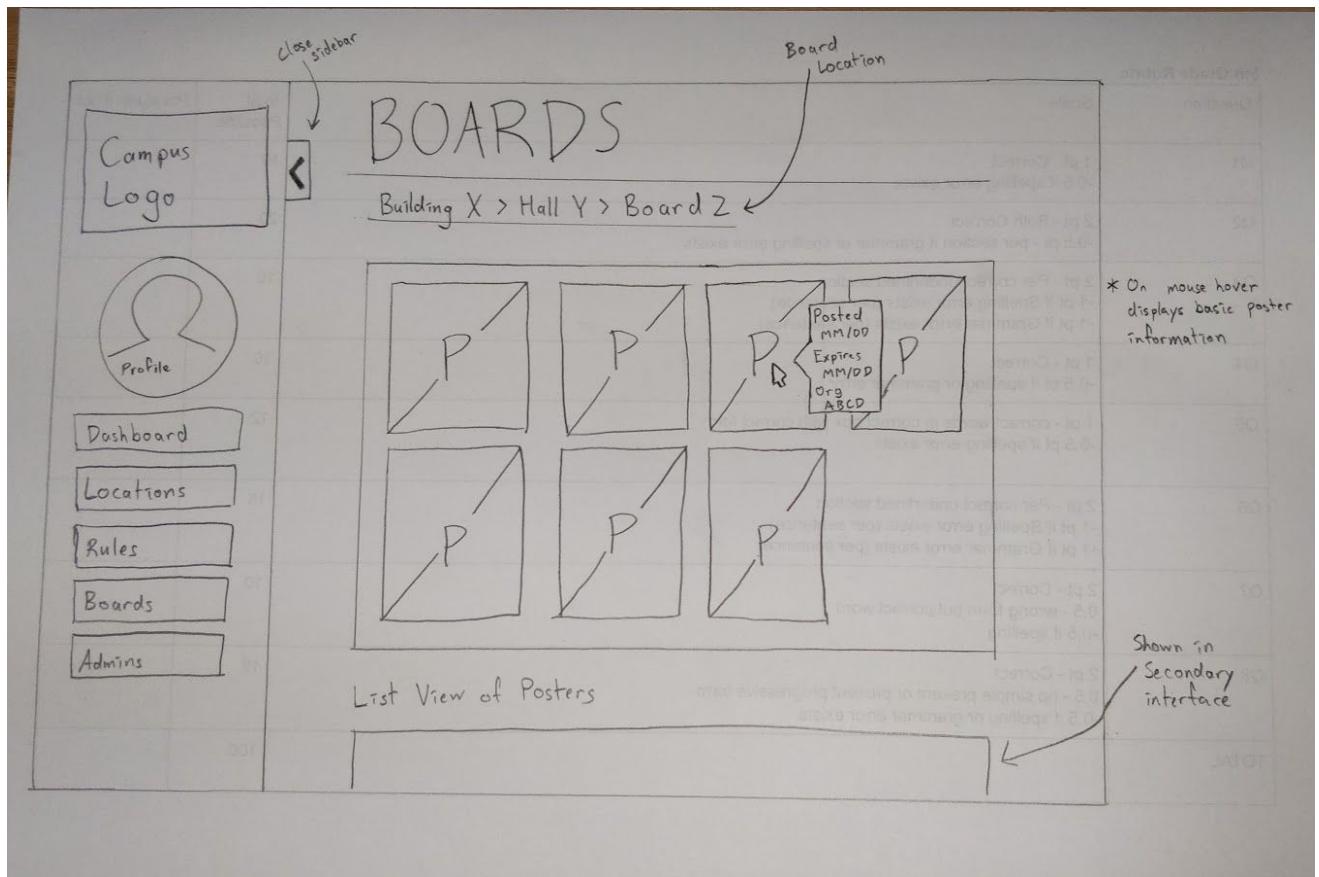


Figure 5.2: Iterated Dashboard Primary Interface

Authorization Iterated Primary Interface

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

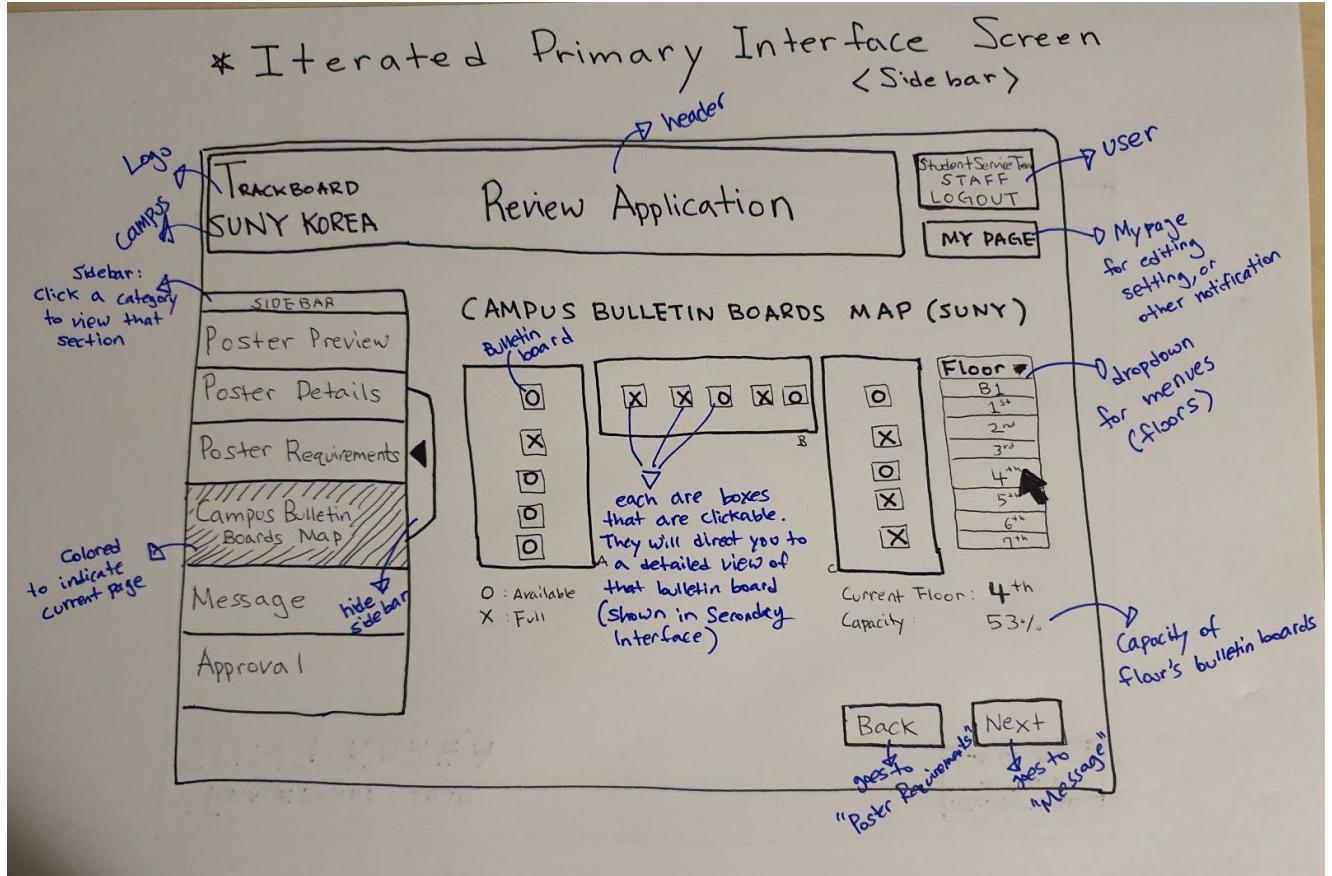


Figure 5.3: Iterated Authorization Primary Interface

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

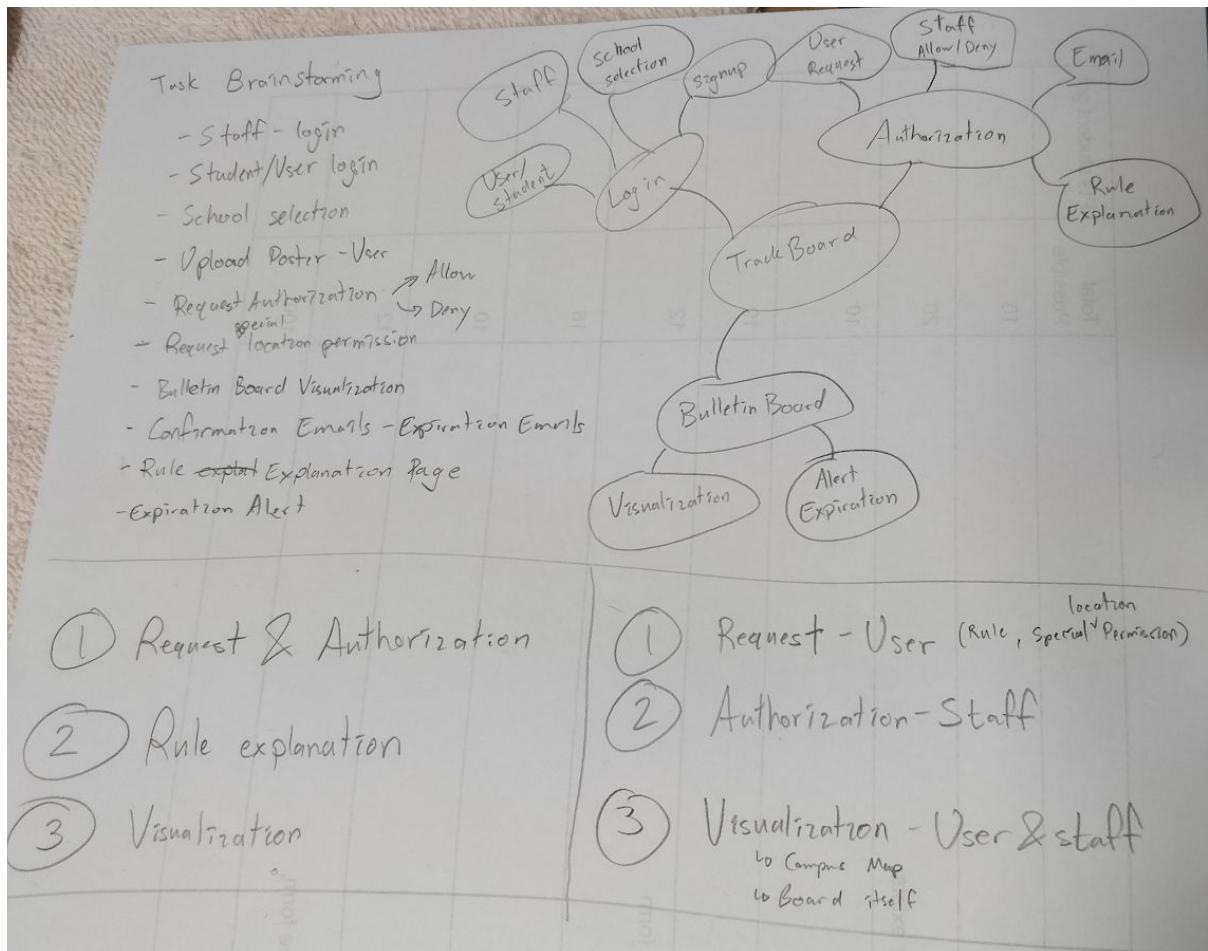


Figure 6.1: Haseung's Brainstorm and Three Primary Tasks

Daekyung Kim's Brainstorm and Three Primary Tasks

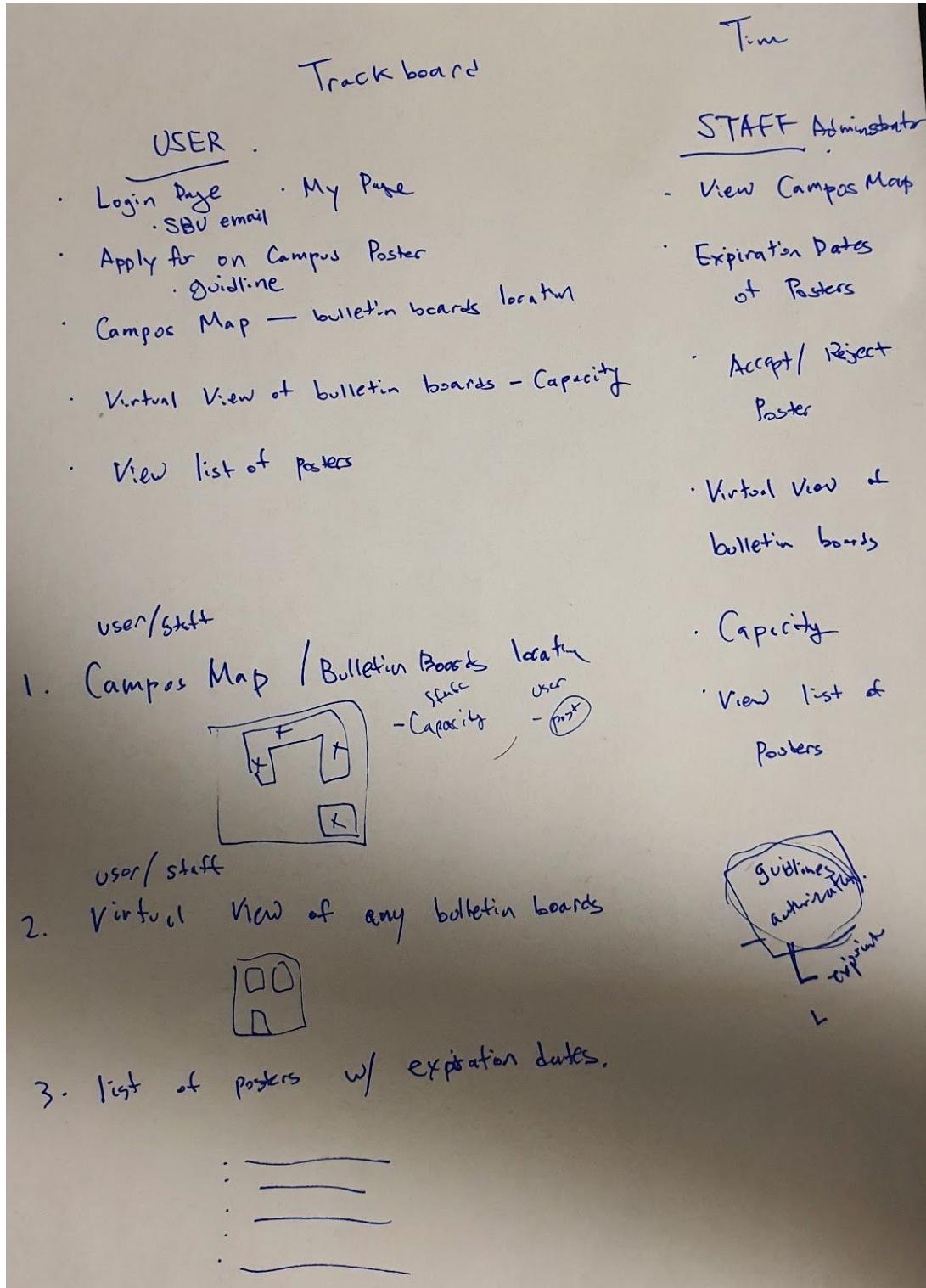


Figure 6.2: Daekyung's Brainstorm and Three Primary Tasks

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.