

Storyboard Exercise

Uninitialized Local Team: Kaveh Buenaventura, Angela Ferro Capera, Jason Dekema, Ian Dudder, Kez May, Hailey Schauman

This document contains each team member storyboard exercise, and the synthesized, working storyboard of our MVP scenario.

Table of Contents

Identifying the Best Aspects of Individual Work	1
Synthesized Storyboard	2
Kez's Storyboard: Finding the top priority task	5
Ian's Storyboard: Creating the Group Project Page	7
Angela's Storyboard: Finding the project requirements and creating a kanban board	11
Jason's Storyboard: Viewing Task Requirements and Submitting Work	13
Hailey's Storyboard: Posting to the Discussion Board	17
Kaveh's Storyboard: Creating the Group Project Page with Randomized Members	20

Identifying the Best Aspects of Individual Work

After completing our individual portions, we looked over each other's work and found ideas from each storyboard to include in the final version. After discussing which aspects we liked the best, we decided to include the following aspects in the synthesized version:

- Lead with a detailed scenario before the storyboard.
 - Start with context.
 - Give a description of current issues.
 - Tell how our application resolves these issues.
- Annotations on UI.
- Indicator of where the action is taking place.
- A title for each panel and a description of the action taking place.
- UI similar to Hailey's with Kez's dark mode.
- Jason's view of requirements and checklist of tasks with submission.
- Kez's project status view.

The scenario we will focus on in our synthesized idea will draw from Kez and Jason's scenarios. Both of their scenarios involved our team leader persona, Rylan Azmat, so she will be the persona in our synthesized storyboard. The scenario will feature Rylan checking the kanban board for a deliverable that is due and submitting it.

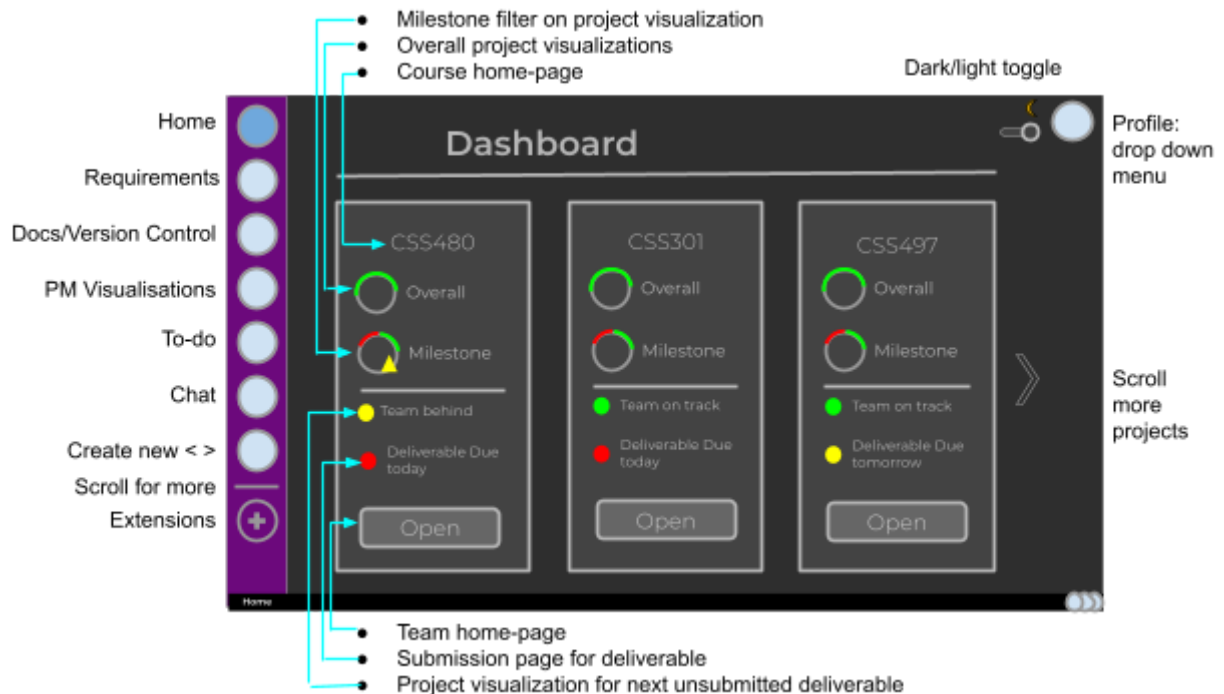
Synthesized Storyboard

Scenario: Rylan is a sophomore in the CSSE program at the University of Washington Bothell campus. Rylan’s courses often involve working on group projects, and, as a natural leader, she often ends up being the group manager.

Checking on her group projects, Rylan notices one of her group projects has a deliverable due today. After clicking on the deliverable, Rylan is taken to the team’s kanban board. Once in the kanban board, she is able to see the different completed tasks which are ready to be submitted. Having this detailed list of completed tasks helps Rylan feel less overwhelmed by the upcoming deliverable. After clicking on the “Submit” button, she is taken to the project’s page which lists all the project’s deliverables. Each deliverable has some required files, which are located in the team’s shared filed storage. Since our app has all the resources linked in one single place, it only takes Rylan a single click to submit the required files. Rylan really appreciates how easy and quick it is to upload the required files.

After submitting the files, she is taken back to the list of assignments where she can see the latest submitted deliverables.

Figure 1: Rylan’s student dashboard



Rylan, the team leader, looks at her dashboard for her group projects. She is able to see visual indicators of project progress, team progress (whether they are completing tasks in a timely manner), and the nearest deliverable due date.

Figure 2: Rylan notices that there is a deliverable due on that day



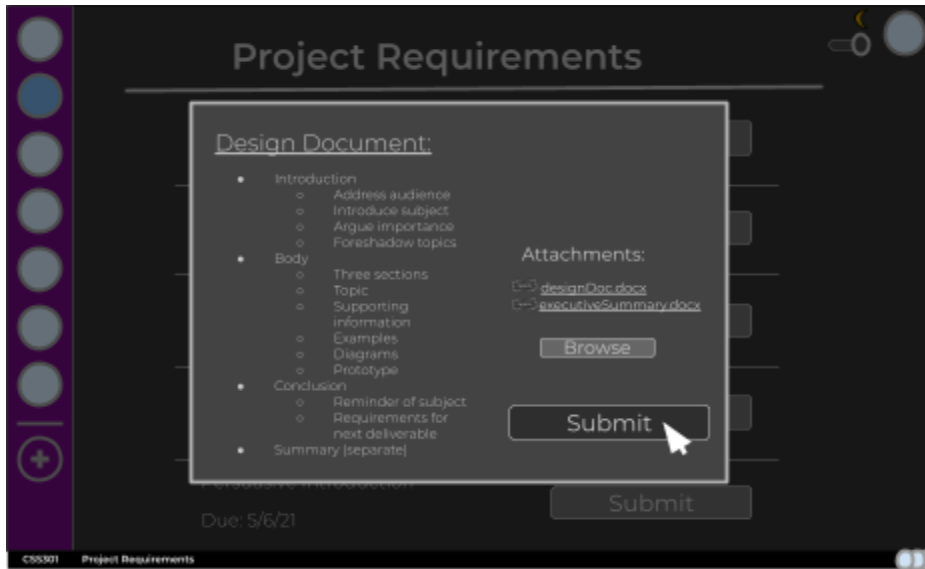
Rylan hovers over the “Deliverable Due today” element and it becomes highlighted indicating that it is clickable. She clicks and is redirected to the team’s kanban board for that project.

Figure 3: Rylan’s team Kanban Board showing task completion progress



Checking her team’s Kanban Board, she notices that everything has been reviewed and the deliverable is ready to submit. She clicks on the deliverable that is ready to submit and is redirected to the submission page for that deliverable.

Figure 4: The deliverables submission page



On the submission page, Rylan can view the specific requirements for this deliverable and because the file she needs to submit is already stored in the shared file storage, she only needs to click submit.

Figure 5: Project tasks/requirements page



After Rylan submits the deliverable, she is redirected to the project requirements and tasks page. Here she is able to see that the deliverable that was just submitted is marked as done. She is also able to see future task due dates and is able to submit them if they are completed.

Individual Contributions

Kez's Storyboard: Finding the top priority task

Persona: Rylan Azmat, 25, is a student who manages multiple student teams. She is comfortable with technology and using workflow management software.

Scenario: Rylan opens the application to figure out what she needs to do next. She decides by looking at an overview of how her teams are doing, when the next deadline comes, and the current progress on that deadline.

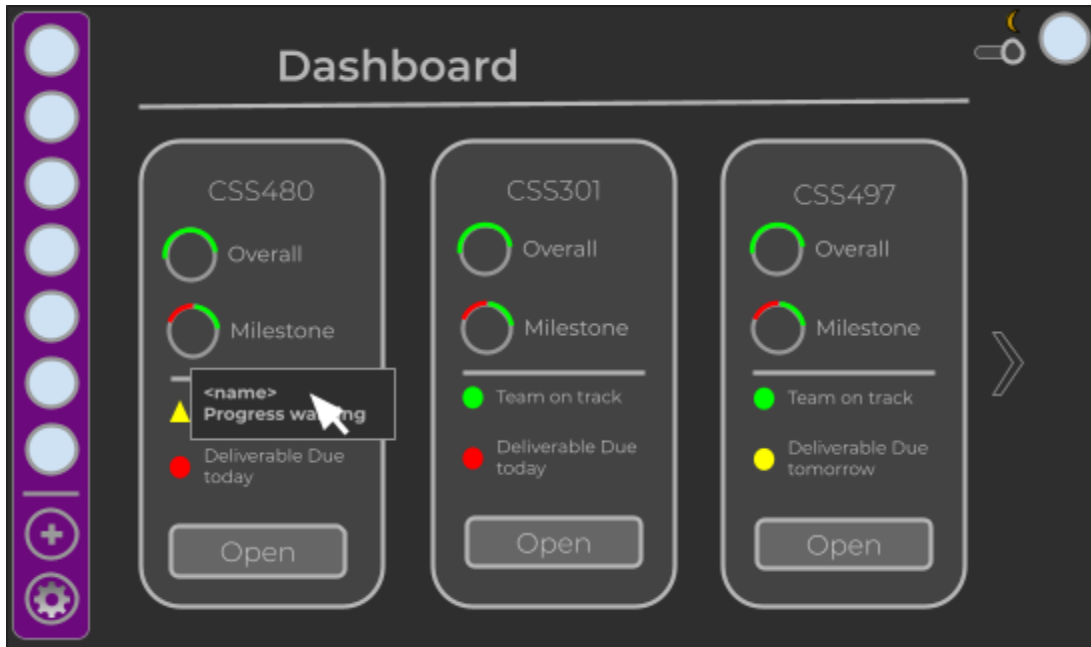
Rylan's Journey: Rylan opens her project management application. She has her view set to dark mode. Her frequent apps are on the left, her profile is in the top right, her settings/extension component is on the bottom left, and her dashboard displays an overview of her current projects in order of urgency.

Figure 1: Rylan's home screen: projects ordered by urgency



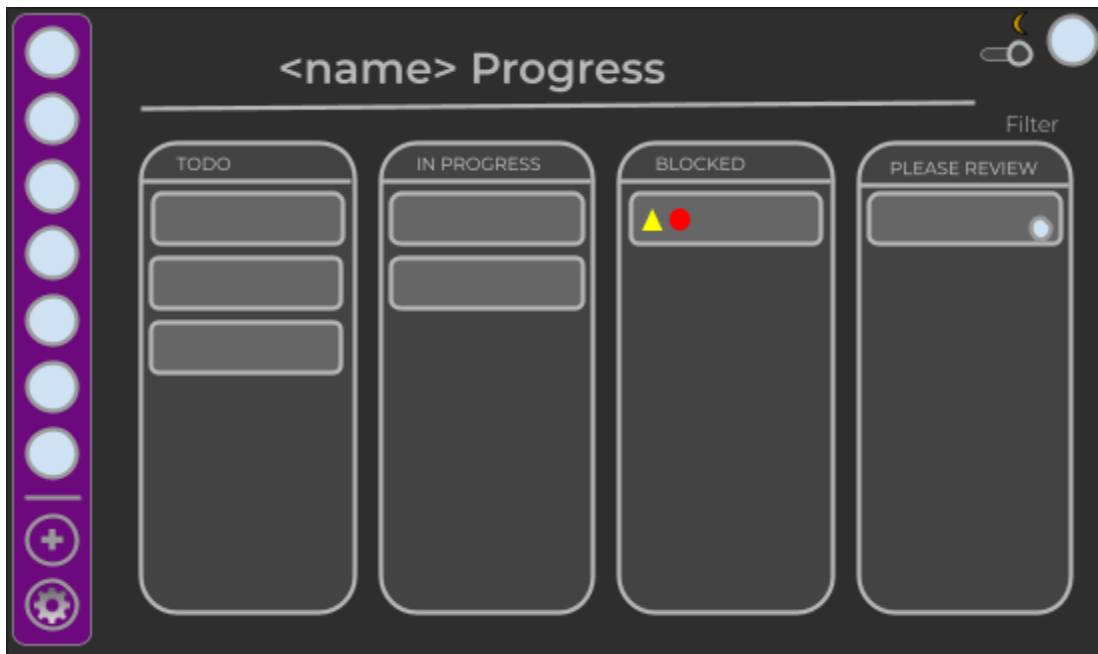
Rylan sees that the most urgent project is in her CSS480 project and that one of the team members is not showing progress on today's deliverable. She wants to learn more, so she selects the warning.

Figure 2: Rylan selects team progress warning



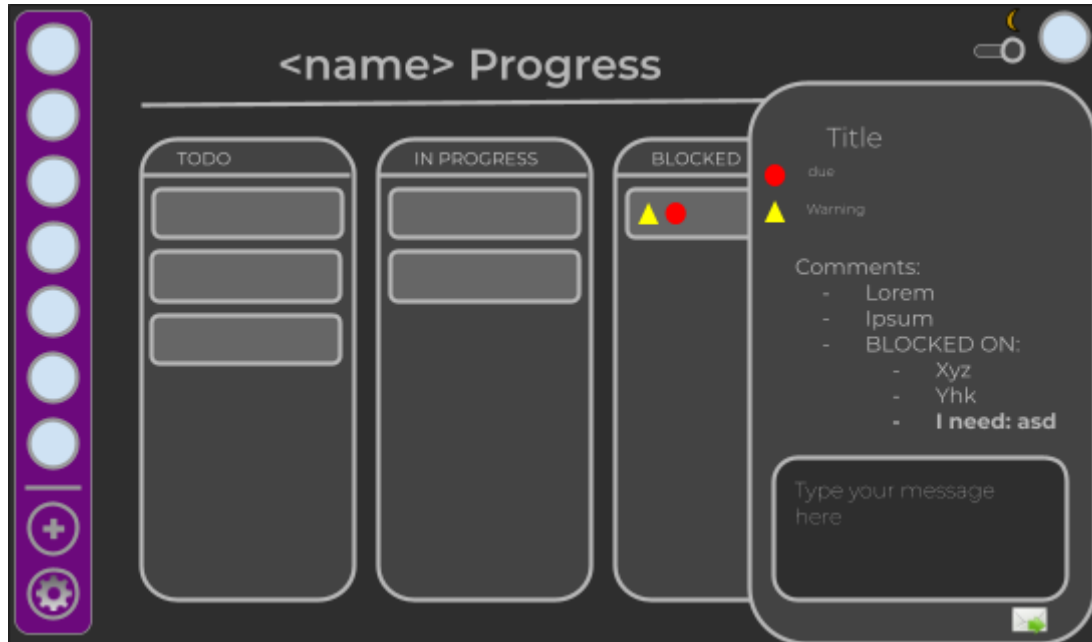
When she clicks on the warning, she is automatically redirected to a specific team member's progress page. She reviews the information displayed to help her decide how to handle the situation.

Figure 3: Rylan views a team-member's progress



Rylan sees that her teammate is blocked on progress for a deliverable that is due today. Rylan clicks on the warning icon to learn more.

Figure 4: Rylan investigates a blocked task due today



Rylan sends an instant message to the team member from the card's detail page. This results in a direct message with a link to this card.

Ian's Storyboard: Creating the Group Project Page

Persona: Professor Parker Johnson

Scenario: Parker is a Computer Science Professor at the University of Washington. Every quarter, Parker assigns a group project to his class. He feels that having his students work on group projects teaches them important programming skills that they would not otherwise learn on their own.

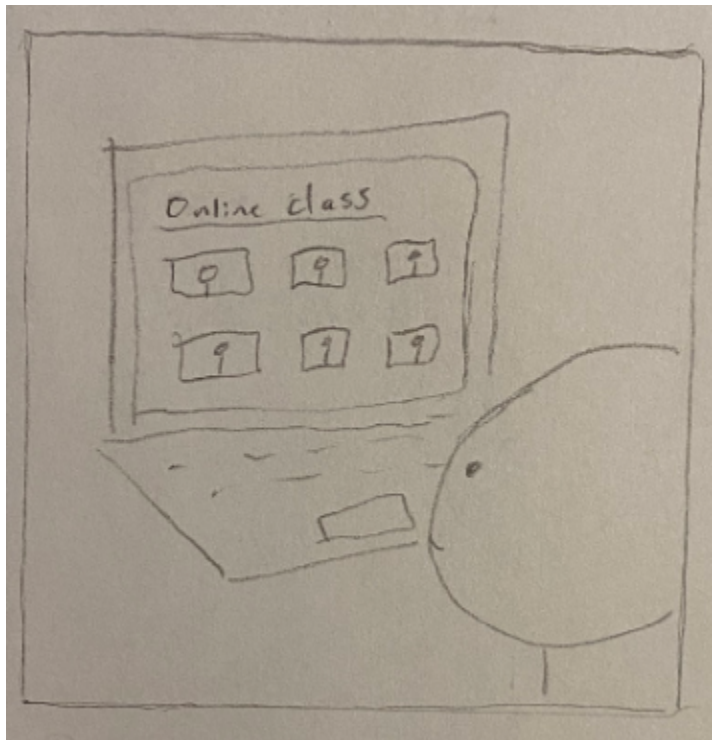
This quarter, Parker is dividing his classroom into groups and giving each group a different project. To ensure that his students are successful, Parker provides his students with detailed requirements and ample resources to help them get started. However, he is frustrated with finding a good way to make sure his students know what group they belong to and what project resources they should look at. The current application he uses allows him to post the projects as an assignment, but since each group has their own project, it might confuse his students if he posts all the projects for all of them to see. He is worried his students will be confused as to which project they need to look at. Furthermore, students often complain saying they find it difficult to determine who their teammates are, how to get into contact with them, and how to collaborate with them online.

Then, Parker found <our application>. Using this application, Parker can assign his students into groups each with their own online space for their group. Because each group gets their own

distinct page, he is able to provide each group with only the requirements and resources they need so they are not confused by any other group's resources. Furthermore, the application allows the students can see exactly who is in their group and reach out to each other through the app. Parker creates each group's page, divides his classroom into the different groups, and posts the different project descriptions and requirements to their respective group's page. Parker can rest easy knowing his classroom will have a clear idea of what they are responsible for and who they are working with. He also can relax knowing his students have a platform to begin collaborating on the project immediately.

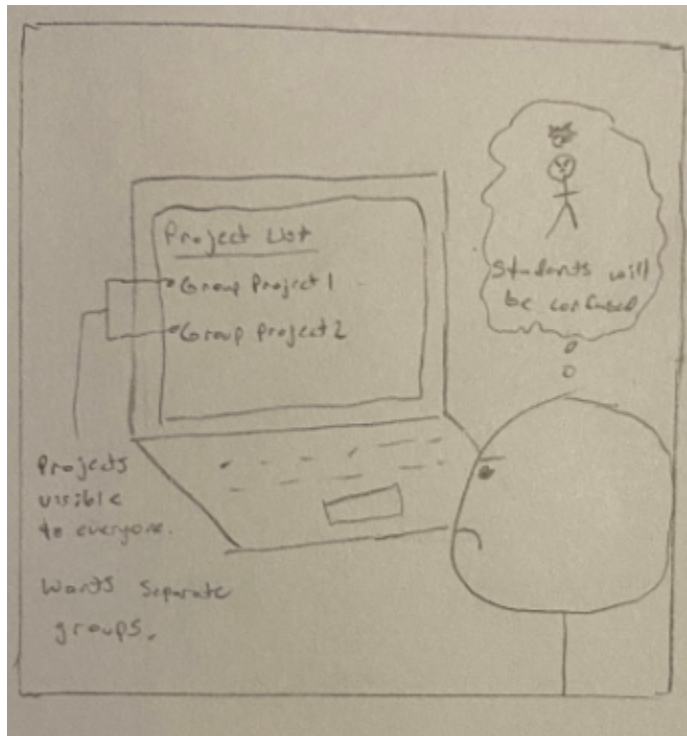
Storyboard

Panel 1: Parker wants to assign group projects to his class.



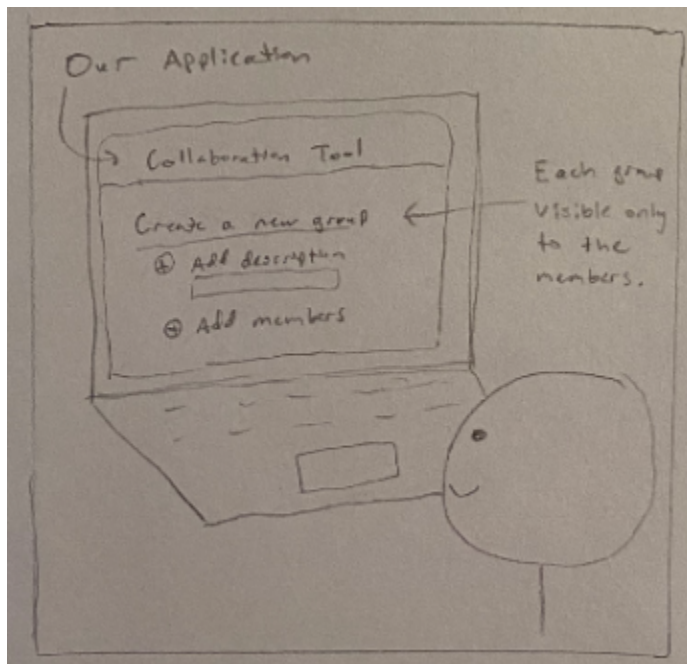
- Parker wants to give each team a different project.
- Parker wants the requirements, resources, and team membership to be clear and accessible to everyone.

Panel 2: Parker is frustrated with his current application.



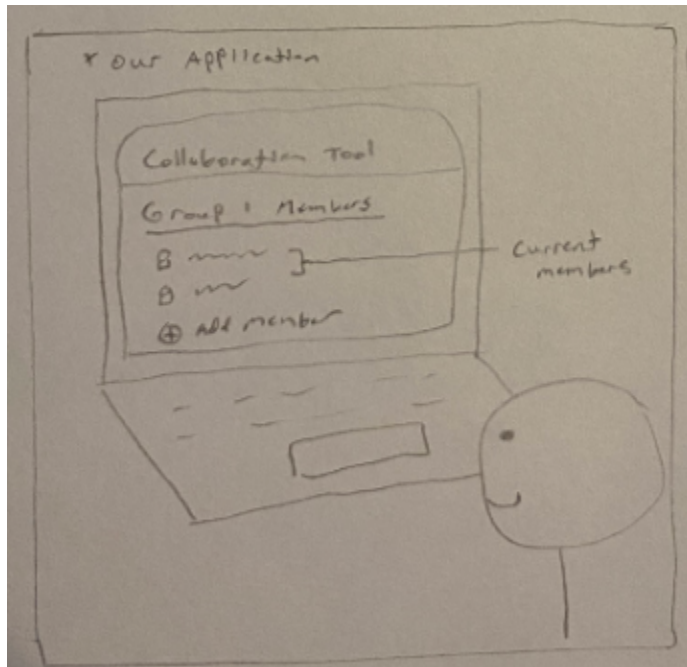
- Parker is frustrated.
- He doesn't want his students to be confused by all the project descriptions. They will be frustrated searching to find what is relevant to their group.
- Parker wants separate views for each group.

Panel 3: Parker finds our application and creates groups.



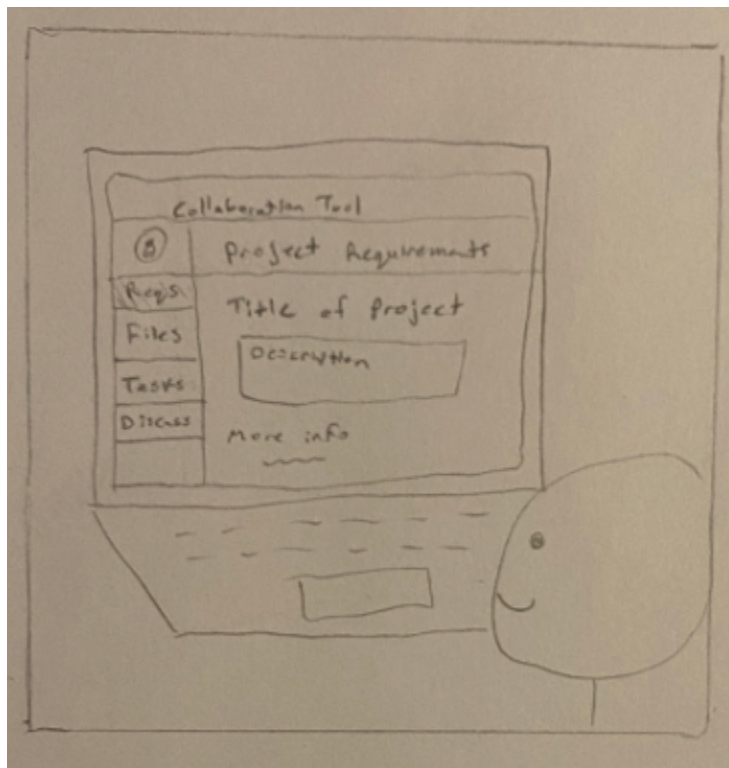
- Parker finds our application tool.
- Parker notices that he can create separate groups each with their own view.
- He uses our application to create a group for each project.

Panel 4: Parker assigns team members.



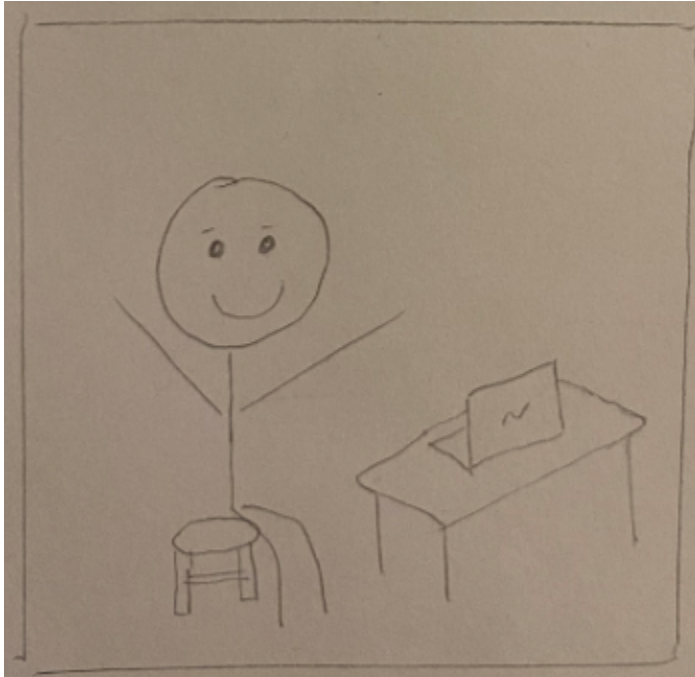
- Parker assigns his students as members to each team.

Panel 5: Parker posts requirements.



- Parker adds project requirements.
- Adds project description.
- Only the team members can view it.
- No confusion.

Panel 6: Parker is satisfied



- Parker is satisfied.
- He can relax now knowing that his students can clearly find all the project requirements and resources.
- He knows the students can start right away on collaborating and communicating.
- Things are good.

Angela's Storyboard: Finding the project requirements and creating a kanban board

Persona: Sarah Diaz

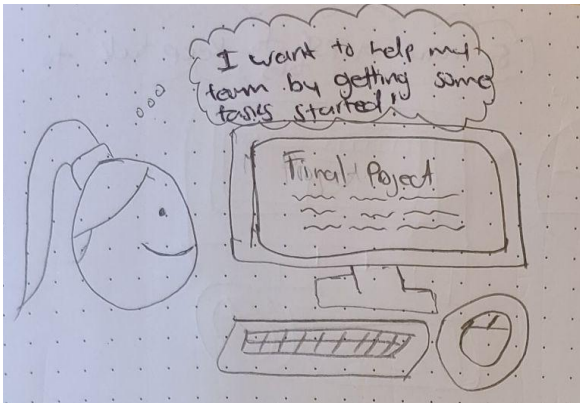
Scenario: Sarah is a Junior student at the University of Washington Bothell. She enjoys team-based projects because she sees them as an opportunity to work with old and new friends in a common interest. In previous projects, she has been an individual contributor, and she is interested in improving her leadership and task management skills.

This quarter, Sarah is taking a class that requires to work with the same team throughout the quarter on a big project. She does not know anyone in her class, but she is excited (and a little nervous) to work with new people. Trying to be more proactive, she tried breaking all the project requirements into smaller tasks, and adding them to a kanban board. She also wanted to link the kanban board to a folder containing all the team's resources. However, the current application utilized by her school does not list the project requirements clearly, causing her to feel frustrated and a little bit discouraged from trying to be proactive. Also, she feels a little overwhelmed by all the different applications she has to use for this single group project.

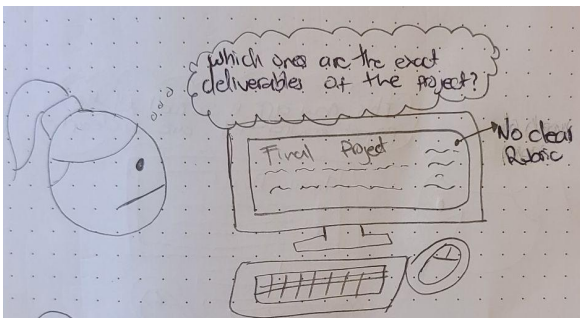
Later, Sarah found <Our App>. This application allowed her to see the project requirements in a detailed list. She also found out our app has a kanban board and file sharing feature available. After finding out about our app features, she felt inspired and encouraged to get those tasks done for her team. Now, she can relax knowing that she was able to be helpful, and she and her teammates will be able to find anything related to their group project in a single place.

Storyboard

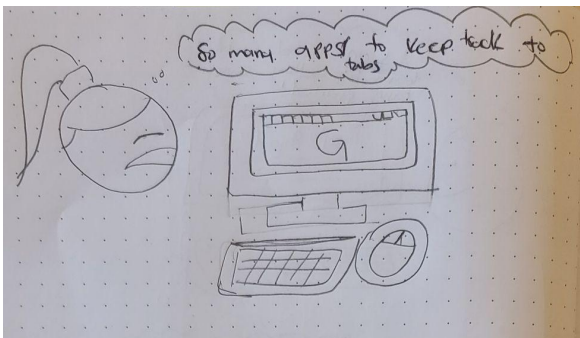
1. Sarah wants to gather the project requirements



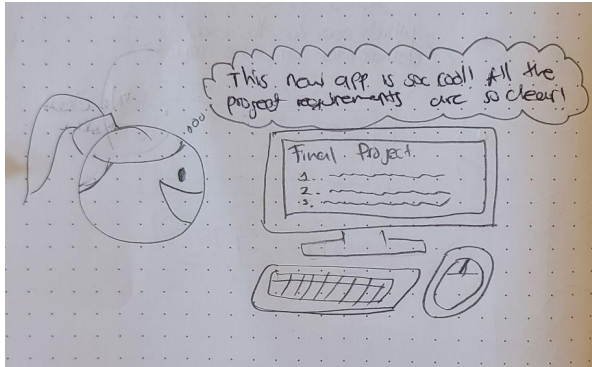
2. Sarah gets frustrated by the lack of clarity on the project requirements



3. Sarah feels overwhelmed by the number of apps she has to keep track of for a single project



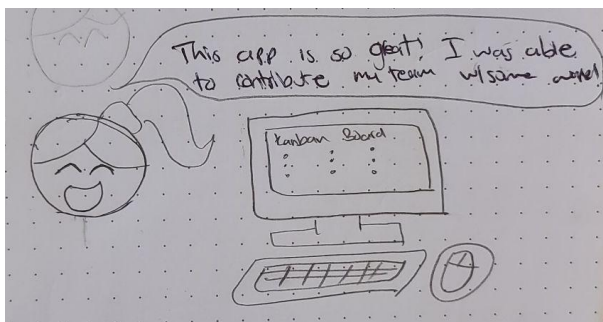
4. Sarah finds our app and see how clear the requirements for the final project are displayed



5. Sarah finds out the kanban board and share files features, she feels motivated to get her team's kanban board and shared folder started



6. Sarah feels happy now because she was able to help her team with getting all the project deliverables broken into tasks, placed into a kanban board, and linked the board with their shared folder



Jason's Storyboard: Viewing Task Requirements and Submitting Work

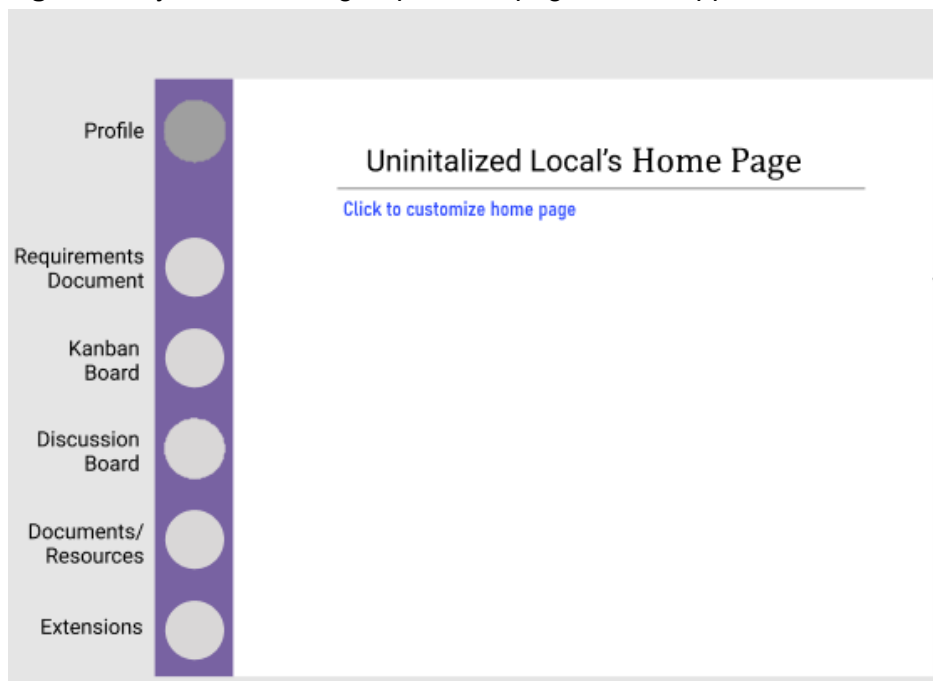
Persona: Rylan Azmat (Student Project Manager)

Scenario: Rylan is a sophomore in the CSSE program at the University of Washington Bothell campus. Rylan's courses often involve working on group projects, and, as a natural leader, she often ends up being the group manager.

This quarter, she's been assigned a quarter-long group project, which involves her group making and properly documenting a functional program. There are numerous requirements for both the program and documentation, as well as several due dates for functional snippets of the program throughout the quarter. As team leader, Rylan needs to be able to easily check the full requirements and due dates, and what specific work that entails, so that she can make sure her team is doing work correctly and on time. She also needs an easy way to share files with her group members in order to build the project.

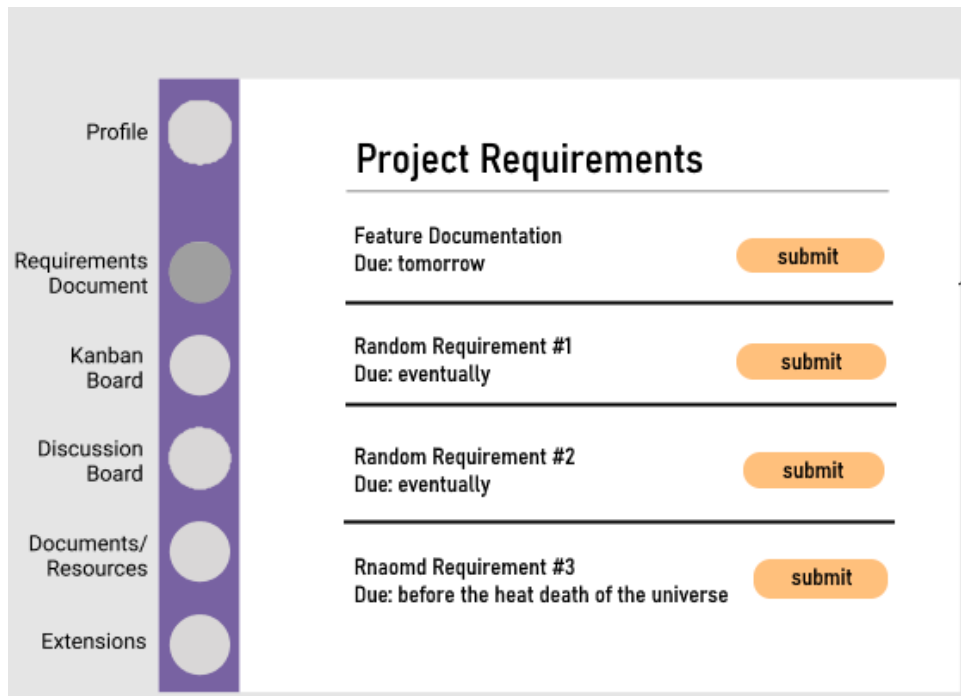
Storyboard

Figure 1. Rylan is on her group's homepage on our application.



Action: Rylan clicks on the *Requirements Document* tab.

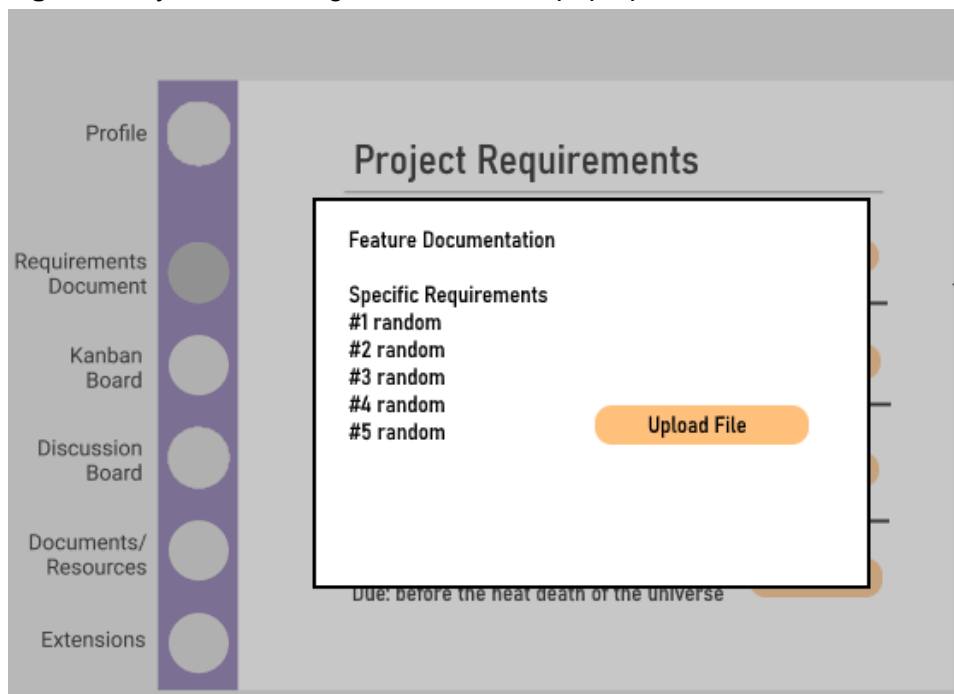
Figure 2. Rylan is on the requirements tab for her project.



Rylan, recognizing that documentation for some functionality is due soon, wants to turn in her work

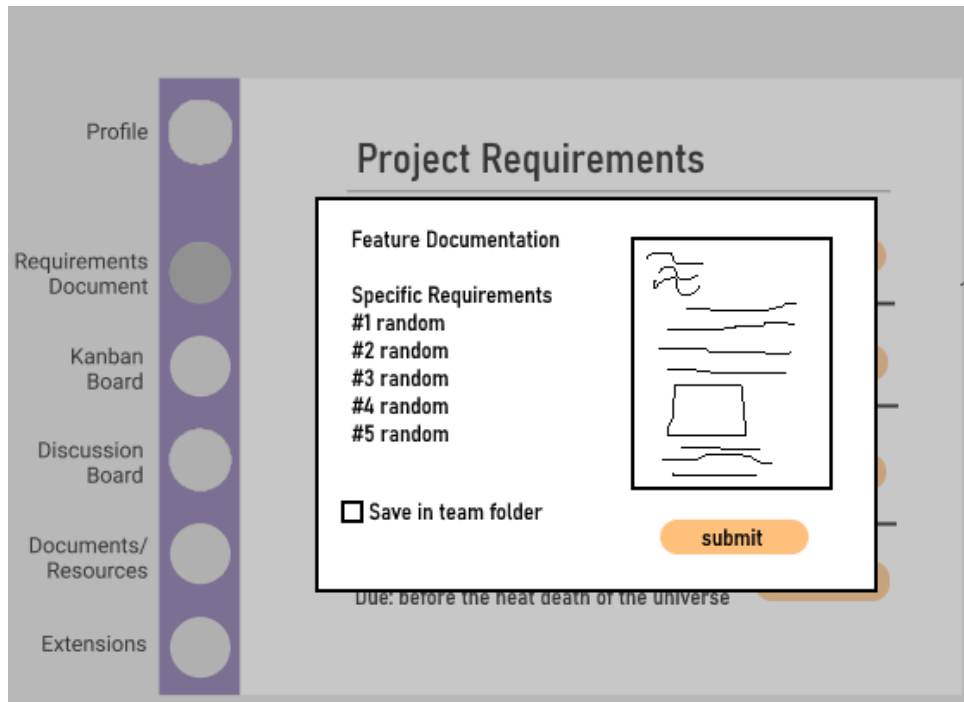
Action: Rylan clicks on the submit button

Figure 3. Rylan is viewing the submission pop up.

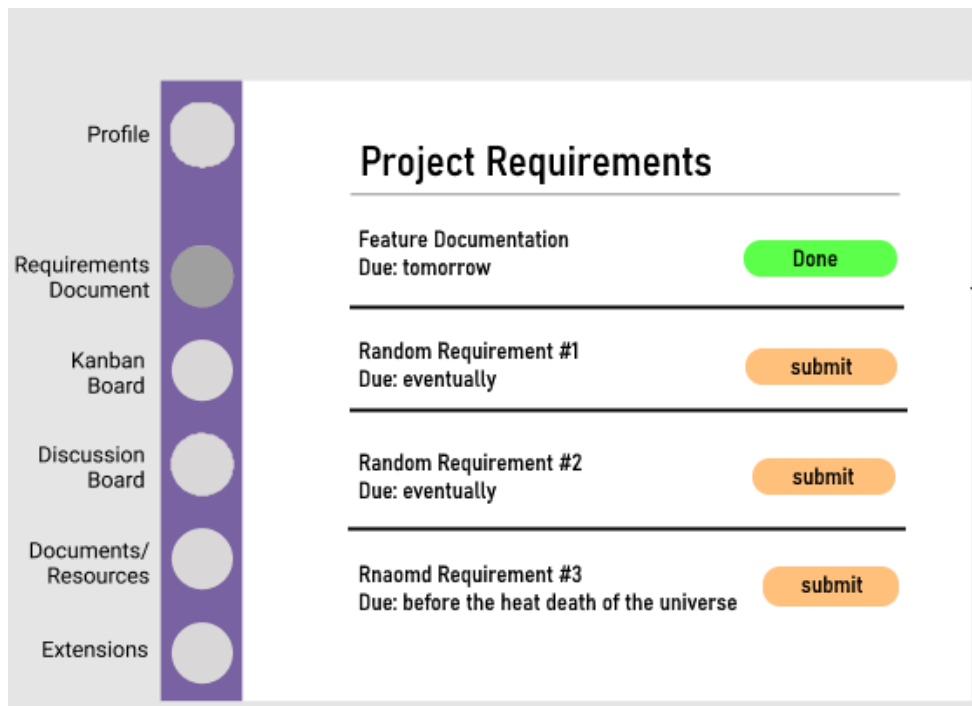


Action: Rylan uploads document from her computer

Figure 4. Rylan is seeing her document side by side with the submission requirements.



Action: Rylan checks “upload document to group folder”, and then submits
Figure 5. Rylan is back on the requirements tab.

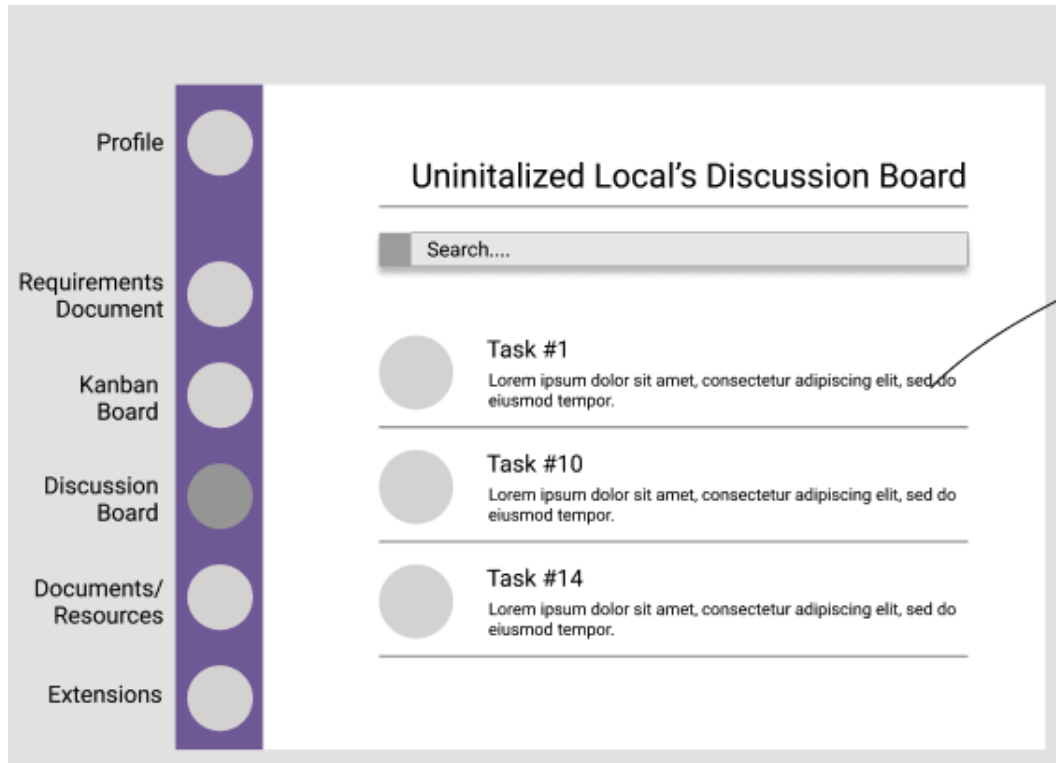


Hailey's Storyboard: Posting to the Discussion Board

Scenario: Susan Smith is wanting to post something to the discussion board on a particular task that has been assigned to multiple team members.

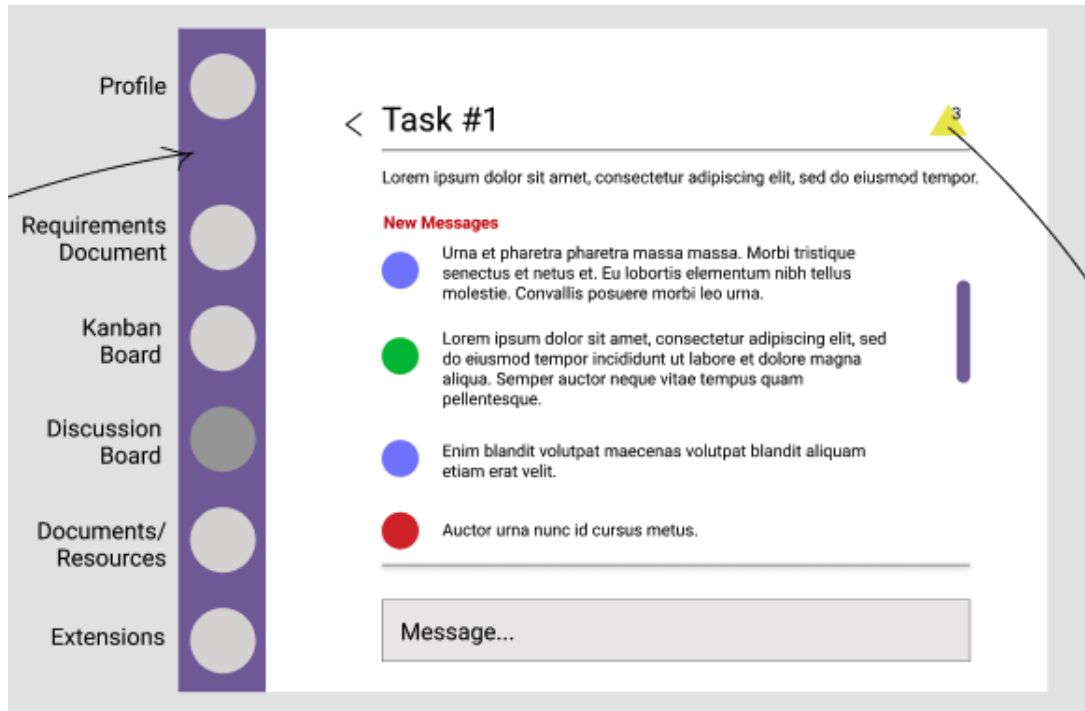
Persona: Susan Smith, 60 years old, retired, and inexperienced with technologies

Figure 1: Susan Smith is on the "Discussion Board" feature



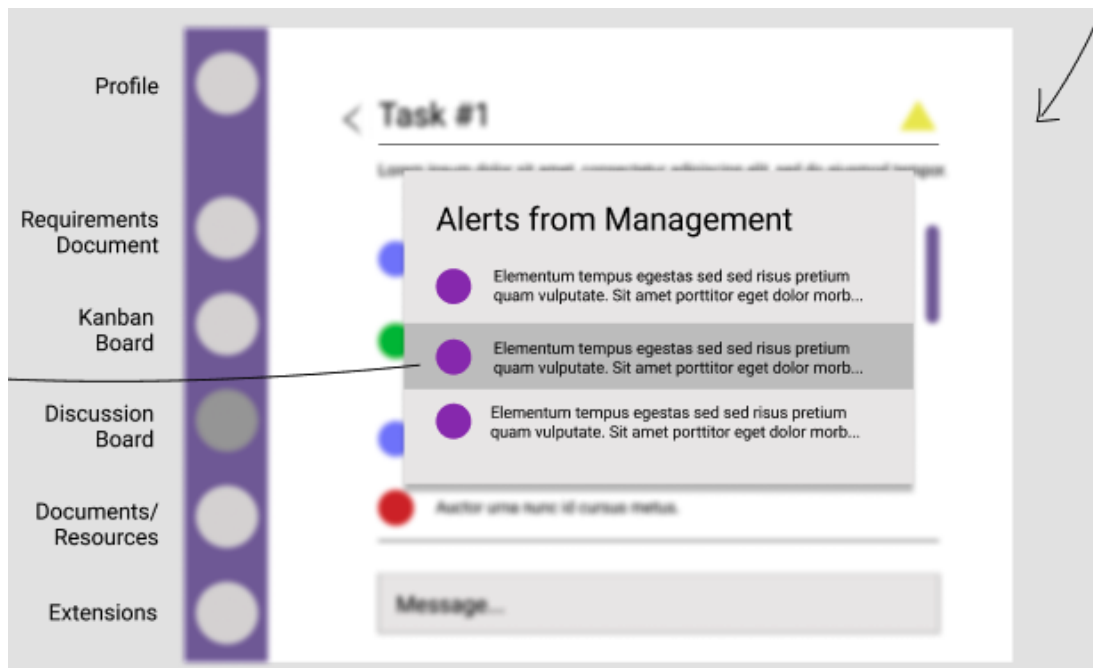
Action: User clicks on "Task #1" discussion

Figure 2: Susan is now on the discussion board for “Task #1”



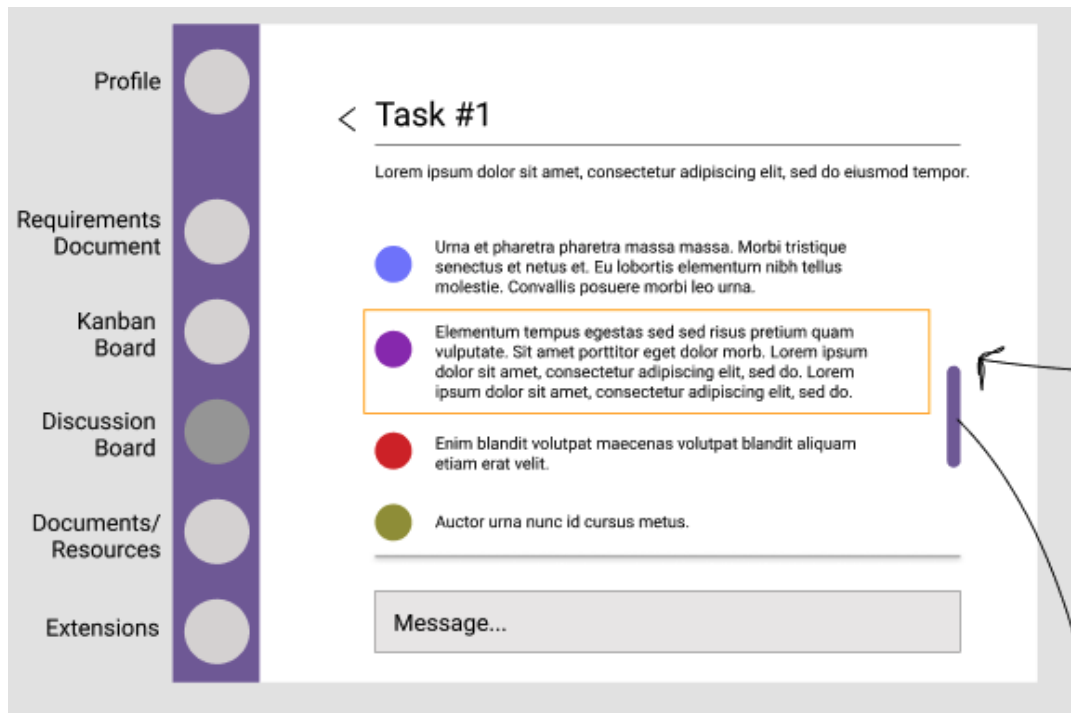
Action: User clicks on the “Alerts” icon

Figure 2: Susan is now viewing missed alerts from management



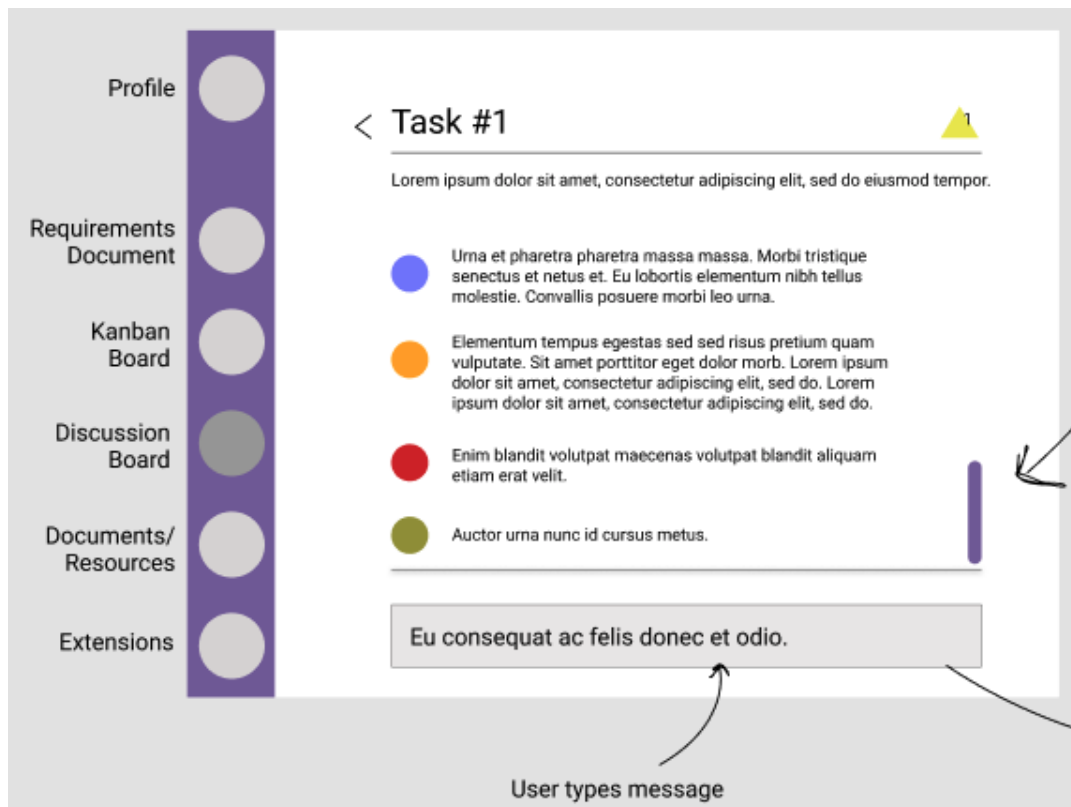
Action: Susan selects the alert she is interested in.

Figure 3: Susan is now viewing the alert in the discussion board



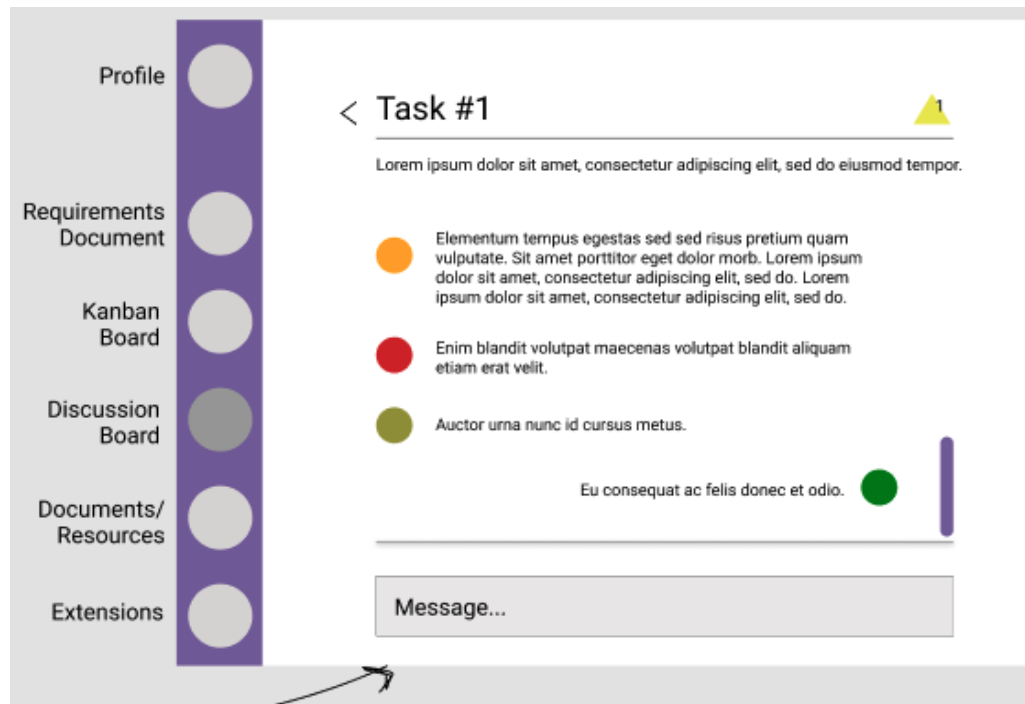
Action: Susan scrolls to view the following messages after the alert from management.

Figure 4: Susan has viewed the messages and is now posting a reply



Action: Susan has finished the message and presses “enter” on the keyboard.

Figure 5: Susan’s message is posted

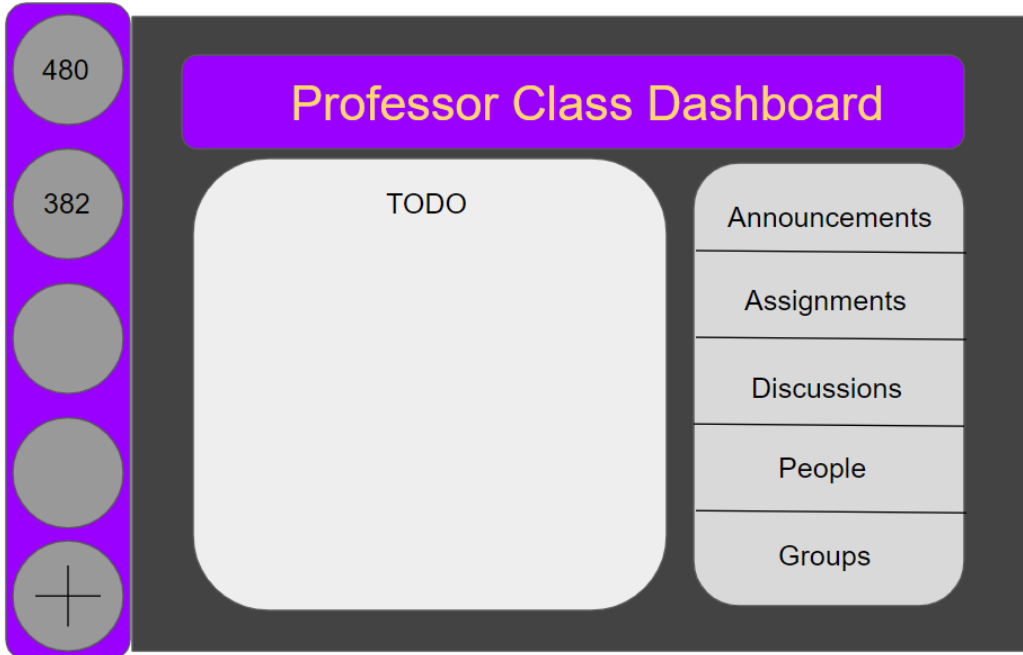


Kaveh’s Storyboard: Creating the Group Project Page with Randomized Members

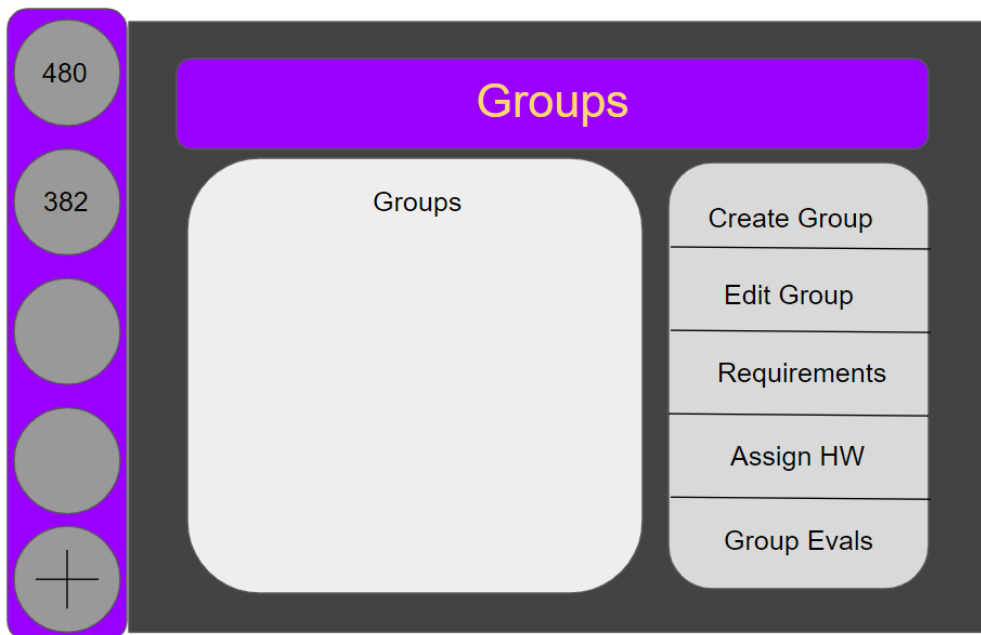
Scenario:

Professor Parker has started teaching his newest class for the quarter and has given them a group project to work on. Each group has been given a different project prompt, so he wants to make sure that he is able to distribute only the relevant resources and requirements to each group.

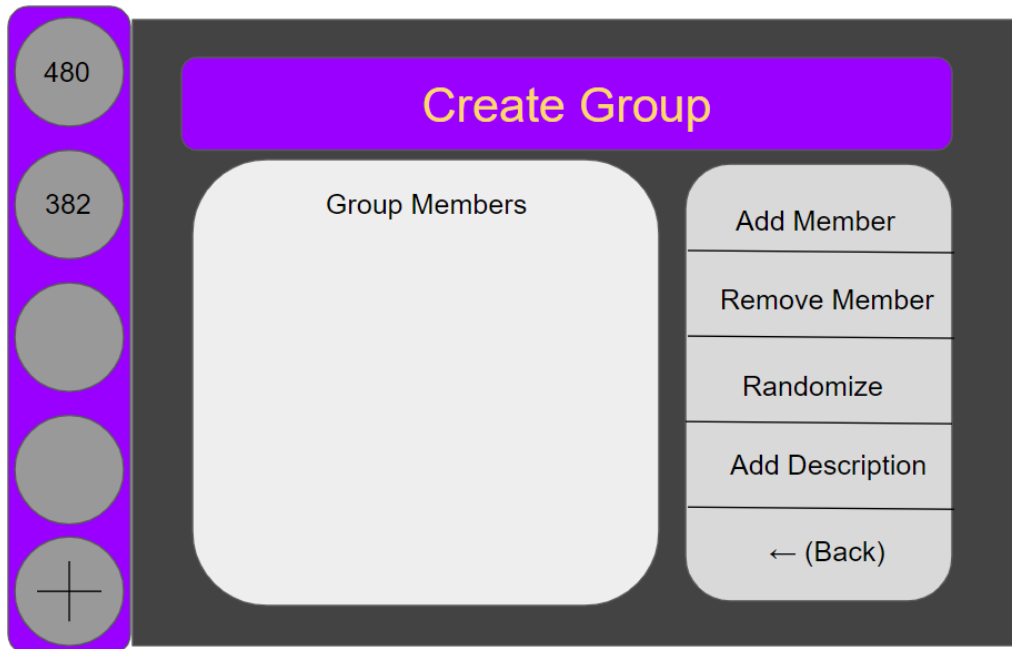
1: Parker wants to create a group for his 480 class and clicks on the groups tab



2: On the groups tab he will create a new group with the create group tab



3: He chooses to randomize the group members with the randomize tab



4: He can upload/write group requirements/project description and provide the relevant resources. He also has the option to assign tasks to the group and see their overall grade/status.

