

Talio: Your personal Task List Organizer

Stakeholders:

- **User:** Any person that is interacting with the application
- **Admin:** Person who starts and maintains the server

Terminology:

- **Board:** A collaborative to-do list containing cards, organized in columns
- **Card:** A container for a single task that can be added to a board, removed, and customize
- **Tag:** A label that classifies a card by theme or category

Mocks:

You will find several mocks of the application in the appendix. These are not meant as definitive requirements for the final form of the UI, they only exist to illustrate the intention for the different features.

Minimal Application

This epic defines the core features of the task handling application. It should allow users to add, remove, and edit boards and cards, drag and drop cards between columns, and synchronize data between the server and the client.

As a user, I'd like...

- A simple and user-friendly GUI that allows me to easily navigate and understand the different features of the application
 - Clear placement of different features, such as adding, editing, and deleting boards and cards, to make it easy for me to perform actions
- To use the application without having to register myself, so that I can quickly access the app and start collaborating with others
- The ability to collaborate on a single to-do board with other users in real-time, to work together to solve problems and complete tasks as a team
- Automatic synchronization of changes made to the board so that all users can see the latest updates
- To change the status of my board as I complete tasks, to keep track of my progress and stay motivated

- To add and remove cards from my boards, so that I can update and keep my tasks organized
- To easily identify cards in each board by their title, so that I know which task the cards are referring to
- To drag and drop cards inside and between columns, so that I can quickly reorganize my tasks and adjust my priorities

As an admin, I'd like...

- To start and stop the server whenever needed so that I can prevent issues from happening
- To have every single permission allowing me to change anything in any board so that I can overwrite inappropriate or harmful public changes
- To restart the server without losing any boards and changes so that the boards stay consistent
- To clear all board data so that I am able to remove all tasks when they are done

MultiBoard

This epic deals with supporting the creation and use of multiple boards. Related features include the ability to search and bookmark boards.

As a user, I'd like...

- To create multiple boards so that I can organize my tasks into different categories
- To search for boards created by other users so that I can collaborate easily
- To have a clear overview of all the boards I have created or joined so that I can easily navigate between them

Details

This epic is about features related to adding further description, clarification and customization to each card and board.

As a user, I'd like...

- To add an additional description to each card so I can keep track of the details of each one
- To add subtasks to each card so that I can divide up bigger tasks into smaller ones and keep the work organized
 - Implemented as a checklist in each card
- To see a progress bar indicating the completion of subtasks so that I can easily see the status of each card
- To see the due date of my cards so that I know what tasks I have due on each day
- To customize the appearance of each board by changing its background color, choosing a theme, or uploading a custom image

Tags

This epic is about implementing a tag system that allows users to categorize their cards within a board by assigning them one or more tags. The system should also allow for searching and filtering of cards by tag, as well as customization of tag colors.

As a user, I'd like:

- To easily create and assign tags to my cards so that I can categorize them by topic or theme
- To filter and search for cards by tag so that I can easily locate specific tasks in a board
- To customize the colors of my tags so that I can visually distinguish between them and create a personalized experience

Key Shortcuts

This epic is about implementing keyboard shortcuts that allow users to quickly perform common actions within the application.

As a user, I'd like...

- To easily create a new empty card by pressing a combination of keys so that I can save time
- To easily delete an existing card by pressing a combination of keys so that I can save time
- To quickly copy an existing card and create a duplicate by pressing a combination of keys so that I can save time
- To navigate between cards and boards using only my keyboard so that I can quickly move around the application without using my mouse

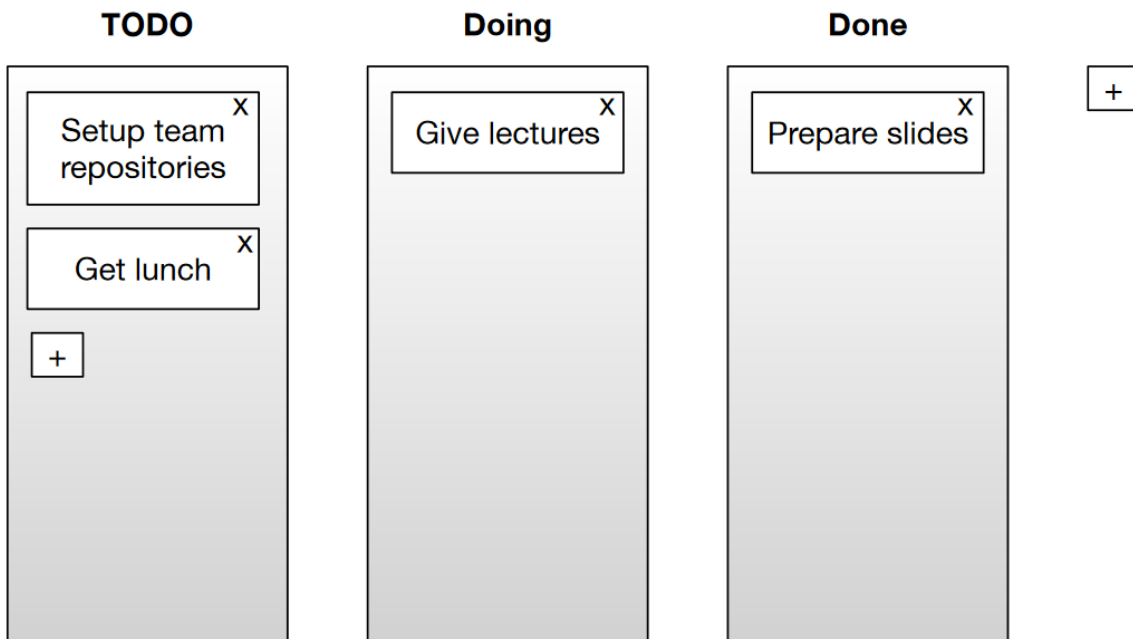
Security Features

This epic is about implementing security features that allow users to control access to their boards and ensure their data remains private and secure.

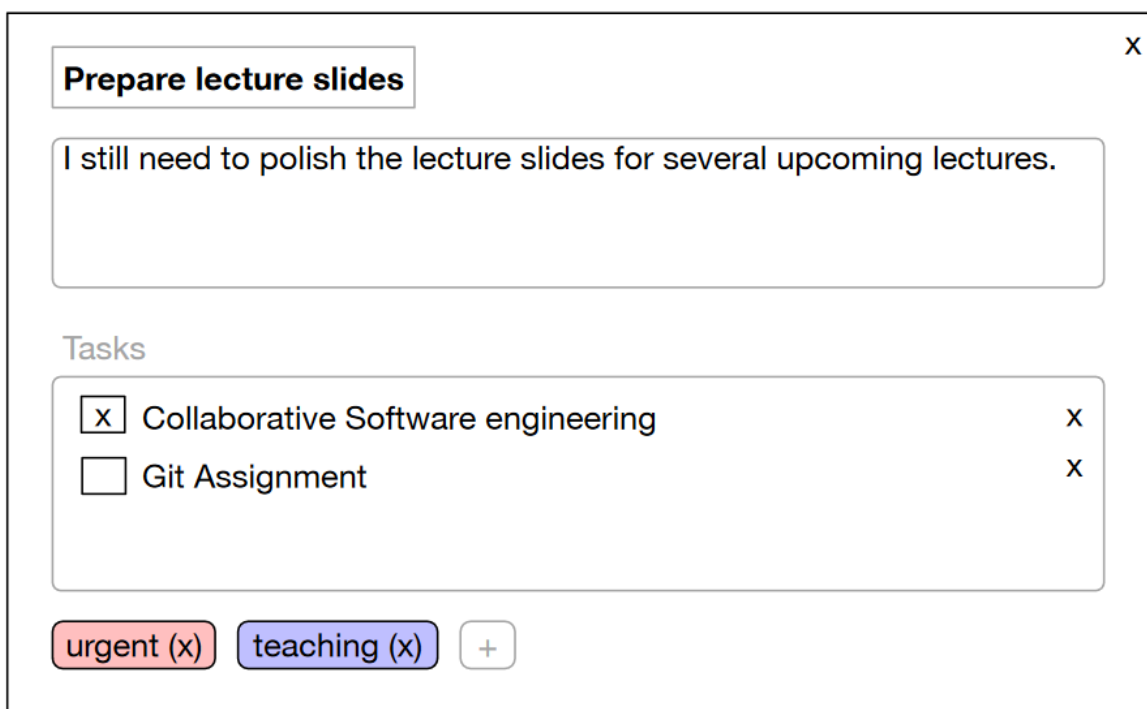
As a user, I'd like...

- To grant editing access to my board by inserting a password so that I can let other users edit my board if I want to
- To lock editing access to my board by inserting a password so that my board stays protected from unwanted changes
- To be able to create a public board that anybody can access and edit without a password or link so that I can easily share my tasks with others without compromising the security of my other boards
- To see who has accessed or edited my board and when, so that I can monitor any changes made to my tasks

Mocks



Mock image 1



Mock image 2

Prepare lecture slides

I still need to polish the lecture slides for several upcoming lectures.

Cancel

Ok

Mock image 3