

Backlog - Group 79

Stakeholders:

- **User:** The person that will use our application
- **Admin:** The person that manages the server, e.g., starts the server locally

Terminology:

- **Board:** A set that contains all the lists.
- **List:** A set of cards relevant to a purpose (i.e: "Daily To Do List" contains all the activities that need to be completed that day).
- **Card:** Activity that needs to be completed (in other words, a task).

Basic Features

Minimal app (Epic)

The minimal app is just the features that are needed for the basic version of the project. These are, for example, creating lists and creating cards on the board. In this version, there is only a single board that everybody can view (no multi-board functionality).

The minimal app can be regarded as the starting point.

As a user, I want ...

- To be able to use a single board so that I can organize my thoughts and tasks
- To be able to create and remove lists in a board so that I can break down my overall goal into smaller, more achievable pieces
 - Created lists appear in the board
 - Created lists appear in the board of another client
 - Created lists are added to the database
 - Removed lists disappear from the board
 - Removed lists disappear from the board of another client
 - Removed lists are removed from the database
- To be able to add and remove cards in a list so that I can further break down my goals in order of priority and write the specific tasks
 - Created cards appear in the list
 - Created cards appear in the list of another client
 - Created cards are added to the database
 - Removed cards disappear from the list
 - Removed cards disappear from the list of another client
 - Removed cards are removed from the database

As an admin, I want ...

- To be able to start and restart the server without losing the data so that I can use it without having to start all over again every time I use it

- That the server does not crash when a client drops out, so that I can just leave the server running in the background

Further basic features (Epic)

These are the features that are still considered as “basic requirements”, but are not needed in the minimal app. These features are the improvements to the minimal app: having drag and drop support, as well as functionality for renaming lists and cards.

As a user, I want ...

- To be able to drag and drop my lists around the board so that I can better visualize my tasks
- To be able to drag and drop cards so that I can better illustrate my tasks and their priorities
 - Cards can be dragged from one list to another
 - Cards can be dragged in the same list to change the order
- To be able to name and rename my lists so that they represent my priorities better
- To be able to name and rename my cards so that they are easier to conceptualize, delegate, and achieve

Advanced Features

Multi-board (Epic)

In the basic version there was only a single board. After making the basic requirements we should start implementing multi-board functionality, which means that there is now not only one board, but multiple, and that users can create new boards to organize the tasks and lists better.

As a user, I want ...

- To be able to create new boards so that I can store the tasks for specific goals or projects separately from the rest.
- To be able to see the whole list of all boards so that I can better visualize my progress
 - The list of all boards should be shown in the main page
- To be able to open the selected board so that I can see what I actually need to do
 - The board can be opened by selecting it in the list in the main page
 - The board can be opened with its URL

As an admin, I want ...

- To be able to delete boards so that I can remove unnecessary or unsuitable content.

Advanced card features (Epic)

Card features that go beyond what is listed in the minimal app user stories. Allowing for further organization, clarification, and customization of cards in the task list. This includes card descriptions, nested task list (within card) and tag support for cards.

As a user, I want...

- To be able to add descriptions to cards so that it is easier to understand what the cards represent/are for.

- Descriptions can be edited
- Descriptions can be removed
- To be able to put a nested task list in the card so that I can represent specific tasks as a list of subtasks.
 - Tasks can be marked as done
 - Tasks can be removed
- To be able to add tags to the cards so that I can group cards (for prioritization and further organization)
 - Tags can be removed

Customization (Epic)

Features which allow the user to customize their boards. This includes being able to change the background of the board, changing the color of tags, and possibly some other similar features.

As a user, I want ...

- To be able to change the background of the board so that I can personalize my board.
 - Background can be chosen as a plain color.
 - Background can also be chosen as an image from the user's files.
- To be able to change the color of tags so that I can group them based on purpose, priority, etc

Keyboard shortcuts (Epic)

Features for using keyboard shortcuts since that may make the user experience better for users who like using shortcuts.

As a user, I want ...

- To be able to add a new card with the keyboard shortcut so that I will be more efficient
- To be able to delete a selected card with the keyboard shortcut so that I will be more efficient
- To be able to move through the list of cards with the keyboard shortcut so that I will be able to cut down on the time I use scrolling
 - One shortcut is for moving up the list
 - One shortcut is for moving down the list

Password protection (Epic)

Feature for protecting boards. If someone wants to share boards with certain users, one can simply share a password that's protecting boards.

As a user, I want...

- To be able to create password-protected boards so that I can limit access to the board.
 - When any user is opening a board that is password-protected, they need to write the password to be able to see and use it

As an admin, I want ...

- To be able to update the passwords on password-protected boards so that I can make sure only the appropriate people have access to them
- To be able to remove the passwords on password-protected boards so that I can make certain boards public and available to everyone
- To be able to add the password on a board that does not yet have the password so that I can restrict access to that specific board to only people who are supposed to be able to access it

Mocks

Talio: Your personal Task List Organizer

