

Backlog

Team 61

February 2023

1 Stakeholders

- **User:** Any person that is able to use the application.
- **Admin:** A person that manages the application.

2 Terminology

- **Card:** A task
- **List:** A collection of cards grouped under a common heading.
- **Board:** A collection of lists.

3 Epics

3.1 Minimal Application

As a user, I want to...

- view a board containing lists of cards, which represent tasks I have to do.
- create new cards, so I can manage my work schedule.

As an admin, I want to...

- be able to access all the boards in case of any user experience problems.
 - Admin can join any board, regardless of whether it has a password.
- have complete control over all of the tasks and boards created by users.
 - Admin can delete any board.
 - Admin can delete or edit any card.
- be able to start the server, so all the users can use the app.
- be able to shut the server down, so I can perform maintenance.
- be able to restart the server without losing any data.

3.2 Multi-User

As a user, I want to...

- use the boards collaboratively with other users
 - One board can be viewed and edited by multiple users at once.
- avoid issues where two people modify one card in the same time and conflicts happen.
 - Cards are locked when they are modified so only one user can make changes at once.

3.3 Auto synchronization of overview

As a user, I want to...

- have my cards automatically save so when I look them up later I can see them.
- automatically see changes that were made to the boards in real-time by other users, so I can always be up-to-date.
 - Every 2 seconds I should be able to view any changes other users made to the board.

3.4 Drag and Drop

As a user, I want to...

- organize cards in 3 lists: to-do, doing and done, according to their completion status, so I can keep track of my to-dos.
- move a card to another list, by dragging and dropping, so I can conveniently keep track of the completion status.

3.5 Card

As a user, I want to...

- edit the task, so I can update any missing information.
- remove a card from a list, so I can organize a board more efficiently.

4 Advanced Features Epics

4.1 Multi-board

As a user, I want to...

- have a list of all the boards and be able to join them if I have the necessary password.
- be able to create new boards.

4.2 Detailed cards

As a user, I want to...

- set cards' descriptions to tell me more about their meaning.
- add subtasks to the cards to better handle hard and complicated tasks.

4.3 Tag support

As a user, I want to...

- assign predefined tags to cards, so I can organize tasks.

4.4 Customization

As a user, I want to...

- be able to configure the background color and image of the board.
- change the background color of individual cards from a predefined color set.

4.5 Keyboard shortcuts

As a user, I want to...

- have useful keyboard shortcuts to improve my workflow in the application
 - "Del" should delete a card
 - "Enter" should save edited text
 - "Esc" should exit the card view

4.6 Password protected boards

As a user, I want to...

- have the option to set a password for the board when I create it to limit who can access it.

As an admin, I want to...

- be able to change the password for any board, in case a user forgets it.

4.7 User support

As a user, I want to...

- be able to click on a help button to communicate with an admin.
 - When a user clicks the button, a request is sent to the server so an admin can address it.

As an admin, I want to...

- be able to receive messages from users that have a problem so their problem can be solved.