Talio

Stakeholders:

- **User:** Any person who is able to use the application.
- **Admin:** The person responsible for the application. He can restart the server, change passwords of boards and delete boards.

Terminology:

- **Board:** A virtual place where lists of cards are stored.
- **List:** A specific, user-defined collection of cards within a board, which helps the user categorize their cards.
- **Card:** A card is the main bulk of the user interaction, it contains a title, details and is stored within lists. Cards can be differentiated among themselves with tags. Also cards can contain tasks which need to be completed.
- **Tag:** A tag is a short descriptor that can be added to a card to help distinguish between them.

Minimal app (required for passing)

As an admin, I want…

- To be able to **restart the server**, in case any problems arise.
- To be able to **delete boards**, so that I can moderate the application.

As a user, I want …

- **No registration**, so that I can see all the boards and edit them as I wish.
- To be able to **view other users' boards** and other users to be able to see my boards so that we can interact with each other's notes.
- **Multiple users being able to use the application,** so that the application is multi-user.
- **Automatic synchronization of the boards** so that I can interact with other users in real time.
- To be able to edit boards with the **drag and drop** feature so that the process of creating cards would be more efficient.
- **A card to be identified only by its title,** so that I could create simple cards.
- To be able to **add and remove cards and lists** so that the application would be flexible

Multiboard

As an admin I want...

- To have **a list of all boards,** so that I can monitor and inspect them.

As a user I want...

- **Multi-Board** functionality (edit/view boards by name/key) so that there would be more flexibility and distinction between boards in the application.

Details

As a user I want...
- To be able to **add nested tasks to the cards,** so that I can organize my goals better.
- To be able to **add description,** so that I can be more detailed regarding my tasks.
- **An introduction tutorial for a new user** so that I can become familiar with the app's features when I open it for the first time.

Customization

As a user I want...
- **to have Customization** so that I can personalize my board to fit me.
  - I can change the background color of the card.
  - I can change the color of the tags.

Tags

As a user I want...
- To be able to **add tags to the cards**, so that I can organize my cards better and also view them easier.
- To be able to **filter my cards by their tag or by part of the tag's name**, so that I can identify cards with specific characteristics that I am looking for, and be able to view them.
  - I can find a tag by its name
  - I can find a tag by a given part of its name
  - I can filter by tag color

Password protection

As an admin I want..
- To be able to **access boards regardless of password protection**, so that I can view, moderate and manage boards.
- To be able to **change boards' passwords,** so that I can help users that have forgotten the password.

As a user I want...
- **Password protected boards,** so that I can ensure that a board can only be edited by me and any other users who know the password.
- To be able **to see other password protected boards,** without editing them, so that I can get inspiration for improving my own cards.
- To be able to **change the password of a board** (given that I know the password and have access to the board), so that I can prevent anyone from modifying said board without my permission.
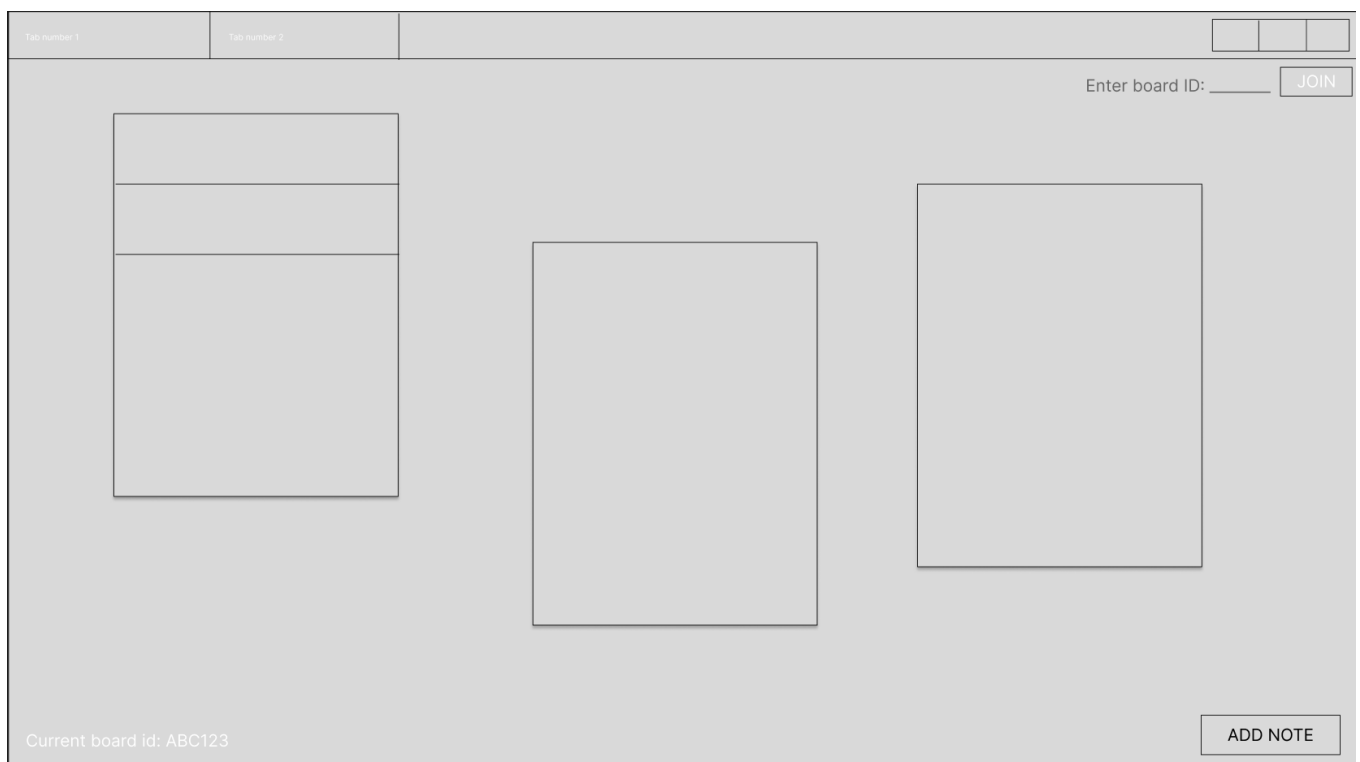
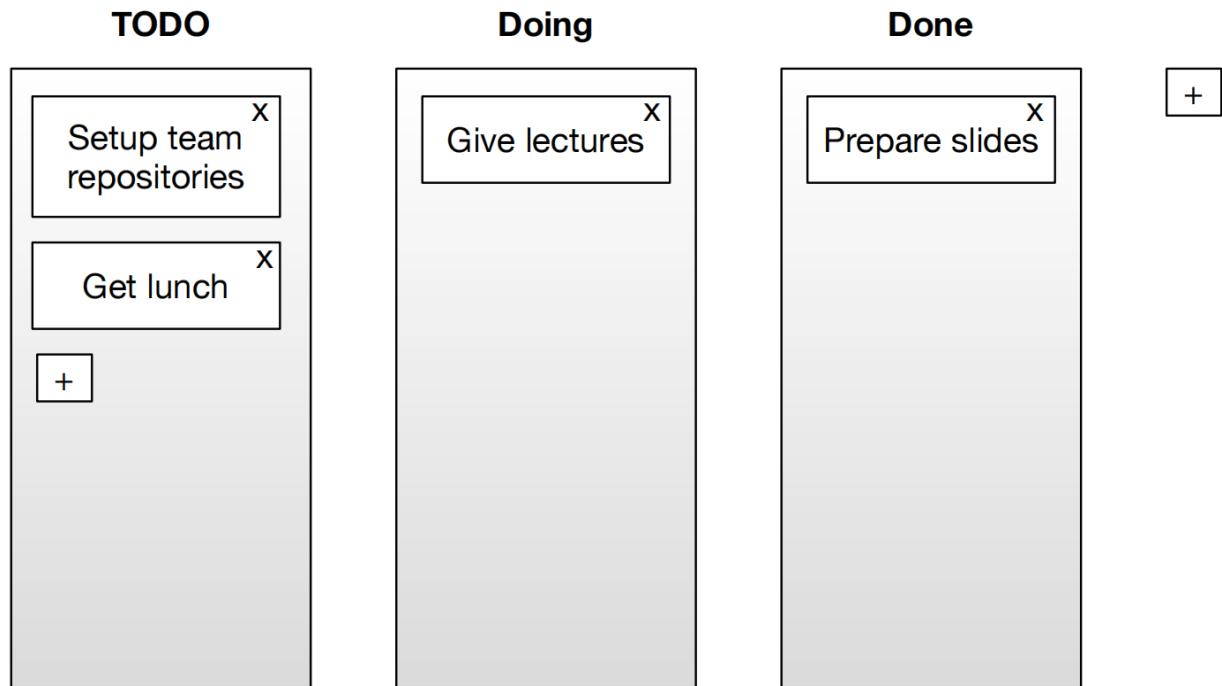# Keyboard shortcuts

As a user I want...

- To have **Fundamental Keyboard shortcuts,** so that I can increase my workflow potential and ease of use.
    - I can copy/paste cards.
    - I can delete cards.
    - I can duplicate cards.
- **Advanced Keyboard shortcuts,** so that I can maximize my workflow:
    - I can scale/scroll on the board (while using control and shift while scrolling on mouse).
    - I can change between open boards.
    - I can have a minimal usage of my mouse for workflow purposes.

Non-functional

- **Client-Server application -** Spring framework is used for the back-end and JavaFX is used for user interface, so that the application is usable.
- **SQL injection prevention**, so that no one can delete the database.

Mock-ups:

TODO

Setup team repositories x

Get lunch x

[+]

Doing

Give lectures x

Done

Prepare slides x

[+]

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x

Prepare lecture slides

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

Tasks

[x] Collaborative Software engineering   x
[ ] Git Assignment   x

(urgent (x)) (teaching (x)) [+]