Talio: Your personal Task List Organizer

Stakeholders:
- **Board user:** Any person that creates tasks in the board
- **Board admin:** A person that has access to the server

Terminology:
- **Board**: The whole page that holds all tasks. In the more advanced features of the app there are multiple boards so that every user has their own taskboard.
- **List**: Pinned on the board and holds the tasks that the user chooses to put in them.
- **Card**: A single task.

Mocks:

At the bottom of the document we provided some mocks. They are ideas on how the UI could look and are not definitive.
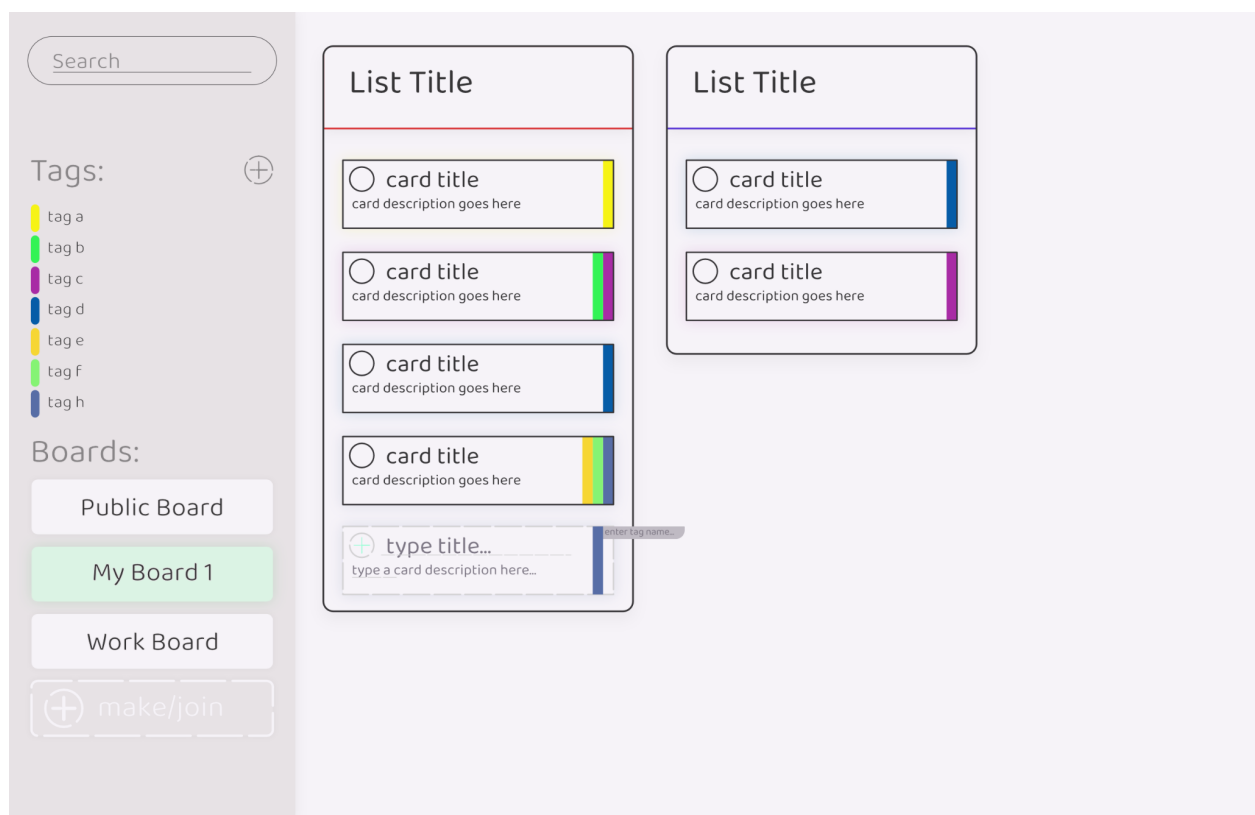
User stories:

- **Basic requirements - describes the features of the minimal application**

  - As a user I want to create cards in lists so that I can manage my tasks
    - Created cards and lists are stored in the database
    - Adding and removing created cards in lists
    - A card must have a title

  - As a user I want to have access to the main public board so that I can share my lists with others
    - Have access to the main public board without credentials
    - View others' lists and cards
    - Create cards and lists and pin them on the main board

  - As a user I want to be able to modify cards & lists so that using the board is easier
    - Drag and drop cards in the lists
    - Reorder the cards of a list
    - Move a card to a different list

- - ■ Rename the lists & cards

  - ○ As an admin I want to have access to the server so that I can manage it
    - ■ Restart the server

- **Multiboard - creation and usage of multiple boards**

  - ○ As a board user I want to create my own board so that I can keep my tasks in it
    - ■ I can pick a name for the board
    - ■ I decide whether to share it with other or keep it private
    - ■ I decide whether the board is password-protected or not. A password-protected board is read-only until unlocked with the password.
    - ■ Enter the board at a later time and not lose progress
    - ■ Choose to set a password for the board, which is required for write access

  - ○ As a user I can access a board for which I have the key so that I can join the board
    - ■ I can provide the key and gain full access to the board if it is not password protected
    - ■ The boards are synchronised automatically, so when I change a card in a list it should update for everyone else who has access to the board
    - ■ I can access any password protected board by using the key, in read mode only
    - ■ I must provide the password for protected boards in order to add/delete/edit tasks
    - ■ If I have the password I can also change it

  - ○ As an admin I want to have access to the boards so that I can manage them
    - ■ Reset the password for a particular board
    - ■ Have access to every board
    - ■ Delete boards

- **Advanced features - adding functionality to the app and improving user experience**

  - ○ As a board user I want to make my cards more descriptive so that my tasks are specific
    - ■ Assign descriptions to the cards
    - ■ Make subcards of the cards

- ○ As a board user I want to add tags to my boards so that I can categorise the cards
  - ■ Tags should have a colour and a title
  - ■ See the colour of the tag in the overview
  - ■ Have a tag list for every board

- ○ As a board user I want to customise the app so that it is more appealing to me
  - ■ Set the background colour
  - ■ Change the cards' colour
  - ■ Change the tag colour
  - ■ Change the colour of the text
  - ■ Change the colour of the lists

- ○ As a board user I want to use keyboard shortcuts so that I can work faster
  - ■ Adding cards
  - ■ Managing tags (hover over card, Control + 't' and see everything with the same tag)
  - ■ Delete cards
  - ■ Press escape to exit a card

- ○ As an admin I want to see all boards so that I can get an overview of the app
  - ■ Have a list with all boards

Mocks:

Create New Board

Name...

→

Join Private Board

Code...

→