

# BackLog

## Stakeholders

- User: has a username and can view, edit and share
- Admin: a privileged user that has unrestricted access to all possible operations on boards, lists, cards: view, edit, delete etc., including server operations (e.g. restart the server)

## Terminology

- Card = note which has a title and when opened a description and subtasks, shown on lists
- List = shows multiple cards
- Board = a collection of lists shown together
- Username = a non-unique way of identifying the person who is currently operating on a page

## MUST requirements

As I user I want to:

- have a board with multiple lists of cards so that I can organise and group my tasks
- be able to drag and drop cards cards so that I can reorder them or move them between lists easily
- be able to drag and drop lists so that I can move them around on the board easily
- have the overview of the board auto synchronised so that it's up to date between users
- collaborate with other user on the same board so that we can both work at the same time
- create cards with a title so that I can list my tasks
- have the ability to rename and delete cards so that I only have the desired cards
- create lists with a title so that I can have personalised lists
- have the ability to rename and delete lists so that I can repurpose my lists
- be able to access boards without any registration so that I can access it easily and quickly

## SHOULD requirements

As a user I want to:

- use multiple boards so that I'm not restricted to using one board at a time
- edit the details of a card, such as the title, description and subtasks so that I can customise it and I don't have to make a new card every time
- see the progress for nested tasks (e.g: 2/3 done) so that I have a clear overview of my progress

- use tags within a card so that I organise and highlight certain cards
- customise the background and colour of cards so that I can personalise it
- use keyboard shortcuts
  - Press the enter key to save a new card
  - Press the escape to quit the overview of a card
  - Press the backspace key to delete selected lists or cards
  - Press N to create a new card
- join boards so that I can have lists from multiple boards without having to create a new board
- have password protected boards so that I can restrict the access of those who can write in that board
- need a password to do certain things (e.g: change it, rename it) so I can restrict access to it

As an admin I want to:

- restart the server so that I can clear the stored data and the boards
- unlock password protected boards and change its password so that password related issues can be solved (e.g. a user forgets their password)
- be able to delete boards so we can get rid of unused boards

## **COULD requirements**

As a user I want to:

- Have a landing page that lets the user decide whether to see the overview of all boards or a certain board by id, so that they can manage their boards easily
- Have a warning message show when deleting a board, to alert the user that that's a permanent action
- filter or search tasks by text so I can find my tasks easily
- have the possibility to identify a board by a title or a system generated id, so it can be identified more efficiently in the database
- Have an undo option for deletion, so that users don't lose progress accidentally
- See which users are currently working on a shared board so that collaboration is more efficient
- pick a name which will be my user id
- username: showing on card who created it, may not be needed at all (as a basic requirement)

## Mocks:

