

Backlog

Stakeholders:

- **User:** Any person, using the application with the goal of managing their tasks
- **Owner:** A user, who has created a board and can edit its contents
- **Viewer:** A user, who has the key to a specific board
- **Admin:** The person managing the server

Terminology:

- **Board:** Contains multiple cards. It is set by the owner and is viewed by viewers, who have the key to the specific board.
- **Card:** Contains tasks and their descriptions. It is created by the same owners, who have created the board and is viewed by viewers, who have the key to the board.
- **Task:** A goal that the owner sets. It is viewed by viewers with access to the parent board.

Minimal Application:

As a user, I want to ...

- Be able to access all the key features without needing to register, so that I can enjoy the benefits of anonymity
- Be able to connect to the server using the client software, so that I can use it.
- Intuitively understand how to use the application, so that it is easy and convenient to use.
- See in real time whenever the boards I joined are being updated or edited, so that I can keep up with all the changes
- Be able to drag and drop the cards to change the position of it, so that I can prioritize them
- Be able to create, edit and delete my own cards, so that I can have the flexibility of changing and adding to my goals

As an admin, I want to ...

- Restart the server without losing data, so that the application is consistent, even if it is shut down accidentally.
- Have Read/Write access to all boards, so that I can be able to effectively moderate all content.

Multi-Board:

As a user, I want to ...

- Be able to create multiple boards, so that I can organize each of them based on different needs and goals.

As an owner, I want to ...

- Be able to create a board, so that I can create different boards for different uses

As a viewer, I want to

- Join multiple boards and be able to view them with corresponding keys, so that I can have different boards based on the uses, needed for each of them and have them protected with a key
- Be able to close the application and reopen it, without losing access to any of my boards, so that I don't have to open them up every time or memorize the keys.

As an admin, I want to

- See all boards, so that I can watch over what kinds of boards are there in the application.

Cards can have details(such as Description and Nested Task List):

As an owner, I want to ...

- Be able to set description and tasks to each card, so that they are easier to follow and are easier to understand and use.

As a viewer, I want to

- Be able to see the descriptions and the tasks of each card, so that they are more detailed and useful for me.

Tag Support:

As an owner, I want to ...

- Be able to add, edit and delete tags from my board, so that it is more easily recognisable.

As a viewer, I want to

- Be able to filter and organize my boards, based on their tags, so that my board overview is better organised.

Customization (Background, Tag colours):

As an owner, I want to ...

- Edit the tags' colors, so that they can stand out more.
- Be able to change the background color of my boards and cards.

As a viewer, I want to

- Be able to have my boards organised based on their colors, so my overview is color-coded.
- Be able to use the tag and card colors, so they have a better appearance.

Keyboard shortcuts/usage:

As an user, I want to ...

- Be able to use keyboard shortcuts in the application, so that the application is more convenient, faster and easier to use and navigate.

As an owner, I want to ...

- Be able to use keyboard shortcuts for adding, editing and deleting objects(boards, cards and tags) in the application, so I have a better workflow.

As a viewer, I want to

- Be able to use keyboard shortcuts for completing tasks and cards, so it is more convenient.

Password protected boards(read vs write):

As an user, I want to ...

- Be able to use keyboard shortcuts in the application, so that the application is more convenient, faster and easier to use and navigate.

As an owner, I want to ...

- Use password to protect my board so that only people who have the password can edit my board.
- Have full read/write access to my board

As an admin, I want to

- Have access to the passwords for read/write and be able to change them.

Image Background:

As an owner, I want to ...

- Be able to set background image for the board, in order to personalize it more.

As an admin, I want to

- Be able to edit the board background image, so that I can protect against inappropriate backgrounds.

Application Health:

As an admin, I want to ...

- Be able to check if the server is healthy and running, so that I can resolve any issues that may occur in the application.

Mocks:

