

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.

Must:

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.
- Intuitively understand how to use the application.
- 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.
- Have multiple users access the application at the same time
- Have Read/Write access to all boards, and be able to effectively moderate all content.

Should:

//From here on, we split users into simple users, viewers and owners

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.
- Be able to use keyboard shortcuts in the application

As an owner, I want to

- Be able to create a board
- Be able to create and edit my own cards, so that I can have the flexibility of changing and adding to my goals
- Be able to change the background color of my boards and cards.
- Use password to protect my board so that only people who have the password can edit my board
- Be able to write descriptions about my cards, so that I can easily keep track of them
- Be able to split my tasks/goals into other separate smaller milestones, so that I can have an easier time completing them
- Create a task list for a card, add description for each task and be able to mark them as completed
- Add tags to my board and be able to choose a color for each tag so that I can separate them based on a theme
- Have full read/write access to my board

As a viewer, I want to

- Join multiple boards and be able to view them with corresponding keys.
- Be able to close the application and reopen it, without losing access to any of my boards.

As an admin, I want to

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

Could:

As a user, I want to ...

- See how many people are currently viewing or editing the board
- Search for boards based on a tag, so that I can easily find the ones that fit my area of interest

As an owner, I want to

- Set a separate read password, so that only people with the read password can see the board.
- Be able to change the background of my boards and cards to an image.

As a viewer, I want to

- Be able to view boards for which I have the password.

As an admin, I want to

- Easily access information on the health, usage, and internals of my server.
- Easily deploy and scale my server.