XLII

Backlog version 02/03/2023

Stakeholders:

User:

A user of the application, the user wants to be able to manage their projects using the application.

Terminology:

Board:

A board is a collection of lists containing cards.

List:

A collection of cards grouped by a context provided by the user of the board.

Card:

A card refers to a piece of information that can be added to a list. This card can represent a task, reminder or a reference to something.

Tag:

A property to add to a card in order to group the card under a category, one card can have multiple tags.

EPICS:

Epics are arbitrarily ordered, user stories are ordered by priority

Basic

Basic features that form the foundation of the application

As a user…

- …I want to have a client desktop application with a graphical interface, so I can access all boards stored on a server and display them in a human readable format.
    - *Acceptance criteria:*
        - Launching the application must open up a basic UI.
        - The application must be able to connect to the server and be able to retrieve data from it.
        - The application must be able to parse retrieved data in its UI.
- …I want to have a server application, so that I can store all boards in a central location and serve them to any other user that needs it.
    - *Acceptance criteria:*
        - The server must be able to connect to a database to store and retrieve information.
        - The server must be able to respond to requests from a client and send data back.
- …I want the board I am working on to automatically synchronize my changes to other users, so I can work with other users together on the same board
    - *Acceptance criteria:*
        - The application must show all the updates to all users within a reasonable timeframe, preferably less then a second
- …I want to have a list with all boards that are on the server, so I can easily navigate to a specific board or switch between projects.

Card Management:
Features related to editing and managing cards.
As a user…
- …I want to make titled cards on my boards, so that I can define tasks or reference information.
- …I want to easily add, edit and remove cards so that I can update my tasks and references as they change.
- …I want to add a description to a card, so that I can provide additional details for the task or more information to a reference.
- …I want to add tags to my cards in order to subcategorize cards that have something in common but are in different lists
- …I want to nest a checklist of tasks in a card, so that I can break down a larger task into smaller, more manageable sub-tasks..
- …I want my cards to have a creation date so that I can track when each card was added to the board.
- …I want to add a deadline to a card, so that I can track the due date of the card and ensure that it is completed on time.

Board Management:
Features related to editing and managing boards.
As a user…
- …I want to make and access multiple boards, so that I can organize multiple projects separately.
- …I want to make lists on my board, so that I can categorize and group related cards together.
- …I want to drag and drop my cards between lists and change their order, so that I can easily prioritize my cards and adjust their categorization.
- …I want to easily add, edit and remove lists, so that I can adjust the organization of my tasks as needed and create new categories when necessary.
- …I want to give my board a title and a description, so I can find the board faster and provide additional context about the project.

User Interface:
Features related to the aesthetics and ease of use of the application interface.
As a user…
- …I want to customize how my board looks, by changing the background color, so that I can personalize my board.
- …I want to change the color of different tags, so I can more easily differentiate between them.
- …I want to see for each card with a deadline how much time is left, so that I can better manage my time and prioritize my tasks.
- …I want to have a customization view where all customization settings will be located, so that I can adjust those settings in a central location.

Keyboard Shortcuts:
Features related to the navigation of the application and efficient use.
As a user…

- …I want to use keyboard shortcuts for navigation, so I can navigate the board faster without using my mouse.
- …I want to use keyboard shortcuts for adding, editing and removing cards and lists, so I can make changes to the board faster and without using the mouse.
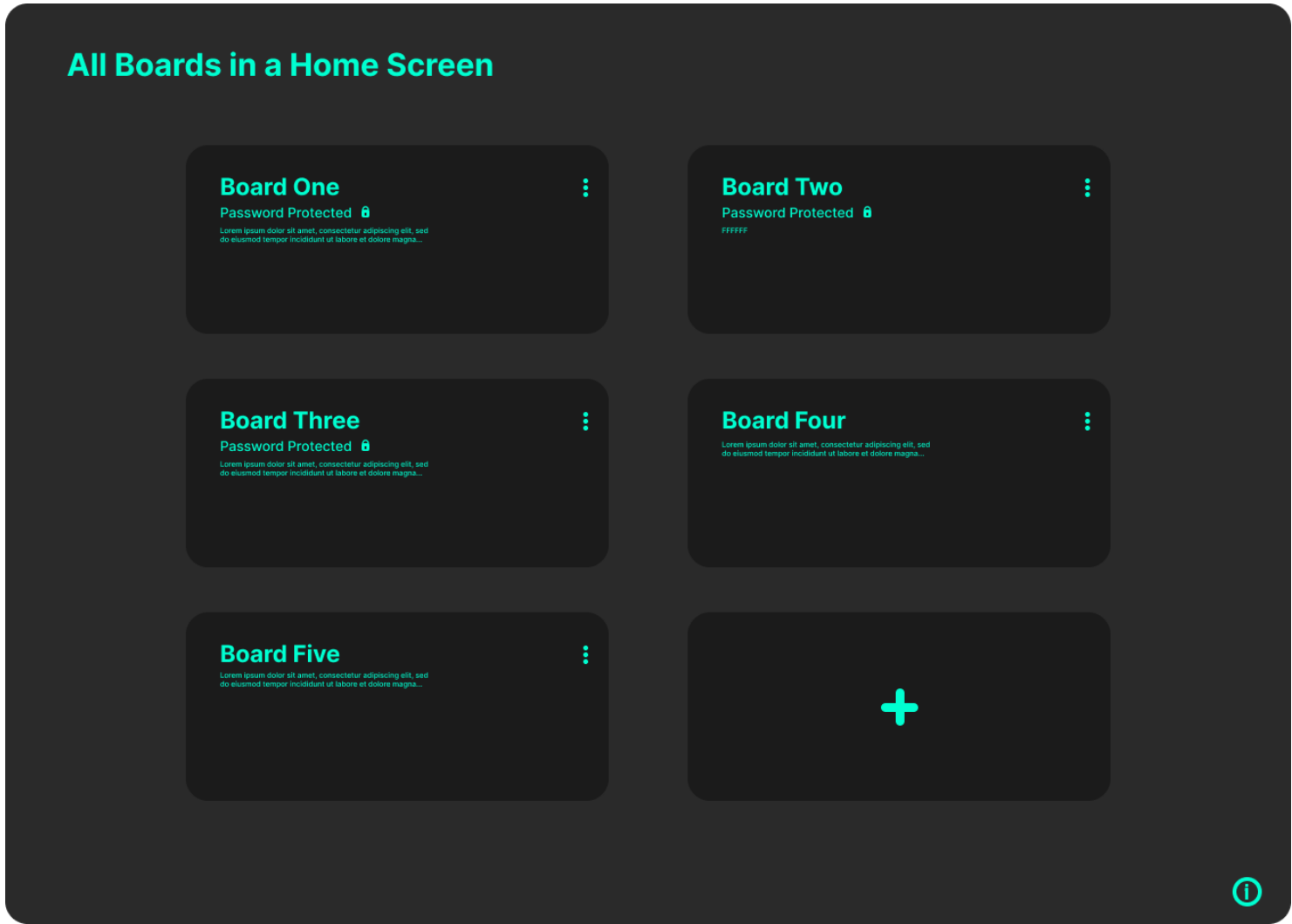
Password Protection & Authentication
Features related to the authentication and protection of the application and boards.
As a user…
- …I want to access the application without registration, so that it is easily accessible to all users.
- …I want to protect a board with a password, so only people with the password can edit the board.
  …I want to join a board by name or key, so that I can join boards from other clients.

Project Mockups

Homescreen:

Boardview:

Board One

List One

Card One

Card Two

Card Three

+

List Two

Card One

+

List Three

Card One

+

+

Edit card view:

Board One

List One

Card One

Card Two

Card Three

List Two

Card One

List Three

Card One

Title

Card One

Tags

Tag One   Tag Two   ✚

Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna.

Check List

☑ Task One
☐ Task Two

Save