Backlog

Stakeholders:

Admin: Owner of the website (client), has the power to restart the server, unlock password protected boards and delete boards.

User: Any person with access to the website, said person is allowed to create, modify and read different boards inside of the application.

Terminology:

Task: Individual to-do assignment, this can be created inside of a list and dragged in between the different lists. Tasks can have different labels to group them or describe them.

List: Group of tasks that have a title to describe the state of said tasks (ej. to do, doing, reviewing, done, etc).

Board: Group of lists that are related to each other by a single objective, project, schedule, etc.

Name/key pair: This refers to a data structure consisting of two elements: the name of a board, which is assigned at the time of creation, and an auto-generated key that serves as a unique identifier for the board.

User Stories:

Basic Requirements (Epic)

These are the minimum requirements needed to pass the course that should be implemented into the web application.

- As a user I want to interact with individual tasks and move them so that I can keep them organized.
- As a user I want to create tasks so that I can stay on track.
- As a user I want to delete tasks so that I can keep up to date.
- As a user I want to edit individual lists
- As a user I want to reorder individual lists inside of the board so that I can keep things organized to my liking.
- As a user I want to create lists so that i can stay on track
- As a user I want to delete lists so that I can also keep them up to date.
- As a user I want to interact with the board at the same time as other users so that we can work or plan with other users.

- ○ Multiple users can view the same board at the same time
  - ○ User can see what other users changed in the board with auto synchronization
  - ○ Multiple users can use the website at the same time

Multiple-boards (Epic)

This feature allows the user to interact with more than one board so that multiple projects can be handled by the same user inside of the application.

- ● As a user I want to interact with multiple-boards so that I can work on different projects in the same application.
  - ○ User can create a new board with a unique name/key pair
  - ○ User can view any board
- ● As a user I want to have a side menu so that I can quickly navigate through the website
  - ○ User can see side menu on all views of the application
  - ○ User can open a new board from the side menu

Personalization (Epic)

This feature allows for the application to have different looks based on the preferences of the board editor.

- ● As a user I want to be able to add tags to my tasks.
  - ○ User can create a tag(s)
  - ○ User can delete a tag
- ● As a user I want to personalize tasks so I can have more information on individual tasks.
  - ○ User can create a description for a task
  - ○ User can edit the description of a task
  - ○ User can add tags for task
  - ○ User can add subtasks to a task
- ● As a user I want to be able to add a due date to my tasks so I can prioritize tasks and set myself a timeframe
- ● As a user I want to be able to customize the visuals of the board so that it is more appealing.
  - ○ User can customize the background of the board
  - ○ User can customize the color of the task's tag
  - ○ User can customize the color of the text
- ● As a user I want to be able to select a color theme so I can have a better view of the website according to the environment I find myself in.
- ● As a user I want to be able to provide details to a tag so that they help me organize better.
  - ○ User can rename tag
  - ○ User can change tag color
- ● As a user I want to be able to differentiate tasks that have subtasks and ones that don't, so that I can organize better.

- As a user I want to be able to see an overall progress of my task according to its subtasks so that I can keep track of the progress of a single task.
  - User can check subtasks when completed
  - User can see progression from the board view

Keyboard shortcuts/usage (Epic)

This feature allows a user to use keyboard shortcuts to execute small tasks like copy, cut and delete etc. For even more personalisation users can add their own shortcuts which can execute more tasks like open a specific board.

- As a user I want to be able to delete a task by hovering over the task and clicking the button del so that I am more efficient.
- As a user I want to be able to hover over a task and press the key T to see the description of that task so that I am more efficient.
- As a user I want to be able to close a task by clicking esc so that I am more efficient.
- As a user I want to be able to use a shortcut to copy a task so that I am more efficient.
- As a user I want to be able to use a shortcut to cut a task so that I am more efficient.
- As a user I want to be able to use a shortcut to paste a task so that I am more efficient.
- As a user I want to add my own shortcuts so that I have more functionality and more flexibility
  - User can add personal shortcut
  - User can remove shortcuts

Password protected boards (Epic)

This feature allows a user to have more safety as they can password protect a board, which can only be removed by admin or anyone with the password.
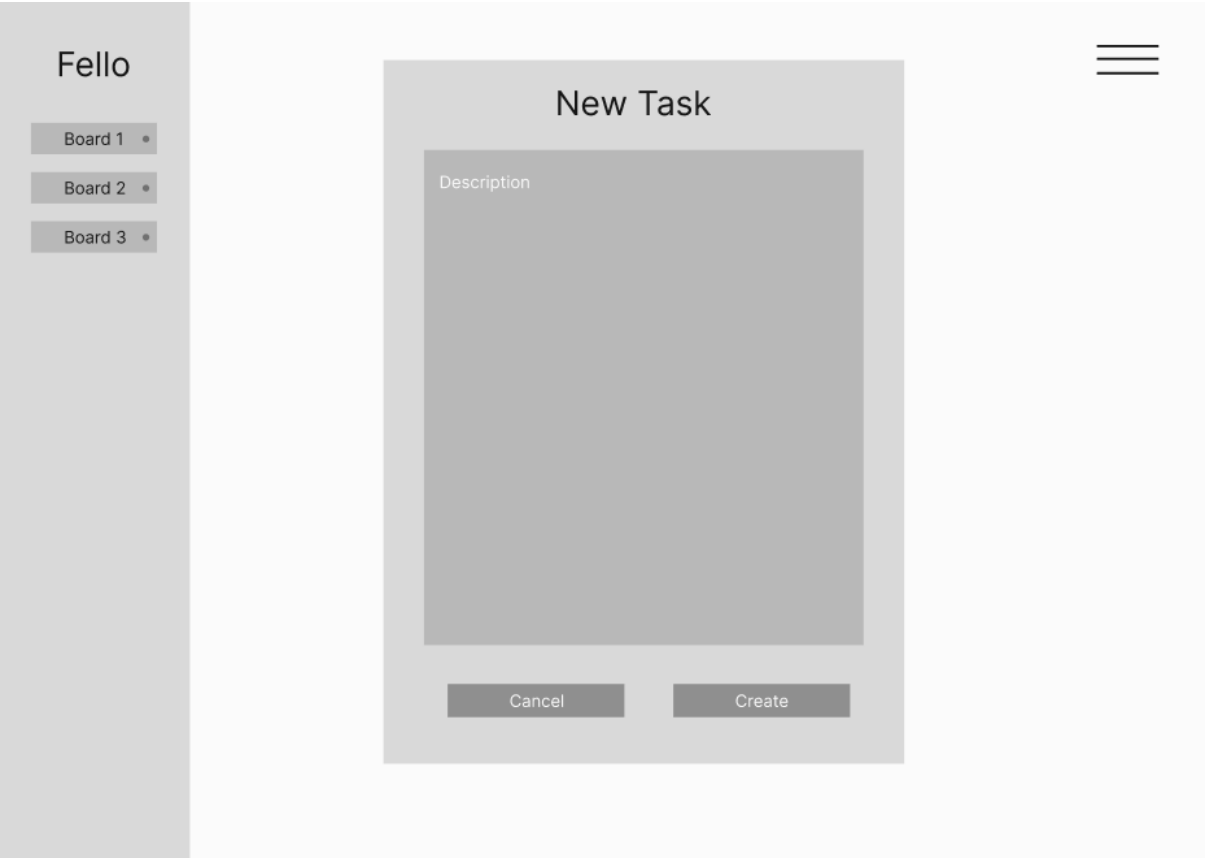
- As a user I want to be able to put password protection on my board so that other users can not modify my board.
  - User can lock a board with a password
  - User without password can read board
  - User with password can edit board
- As a user I want to be able to get a unique url key, that I can share with some selected users. With this url key we can have a special private board.

Admin permissions (Epic)

This feature allows the admin to monitor the application and interfere when needed.

- As an admin I want to be able to access all boards with edit rights.
- As an admin I want to have extra options.
  - Admin can delete boards
  - Admin can reset the server
  - Admin can make password protected boards open again

Appendix:

Fello

Board 1
Board 2
Board 3

TITLE 1

Task a
Task b
Task c
Task d

+ add a new task

TITLE 2

+ add a new task

+ add a new list

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Board 1
Board 2
Board 3

New Task

Description

Cancel   Create

Fello

Home

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Table 1	Table 2	Table 3
Table 4	Table 5	New Table +