Backlog (draft)

Team 29 - Pixel Pioneers

February 21, 2023

Talio

Stakeholders:

User: Any person that is able to create a new to-do list

Admin: The person that manages the server, can make changes to boards and can edit password protection

Terminology:

Board: A set of lists
List: A list of cards visible on the board, can be interacted with, it has a title.
Task: A computerized representation of a task
Card: The interactive box which represents a specific task, it has a title.
Tag: Text used to label one or more tasks

MUST Requirements (needed for passing)

Non-functional requirements:

a client server application

use Spring Boot

use JavaFX

As a user, I want . . .

- to have a dashboard with the lists and tasks

- to be able to open my dashboard without logging in or registering

- to be able to sort my tasks into different lists

- for my board to stay consistent over multiple sessions

- multiple users to be able to access my board at the same time for collaboration

- the board to automatically and immediately synchronize the changes made by other users

- to be able to drag and drop tasks in the same list and in between lists, in order of priority

- that each task is represented as a card with a title

- to be able to add and remove cards and lists

As an admin, I want . . .

- to be able to restart the server

- to host boards only on the server, so I do not have to update all clients when I add/edit boards

SHOULD Requirements

As a user, I want . . .

- to be able to access multiple boards by name

- to be able to add a description to tasks

- tasks to be able to have subtasks, that can be marked as done/not done

- to be able to drag and drop subtasks to order them with different priorities

- to be able to modify and delete subtasks

- to be able to create tags

- to be able to add tags to each task

- to be able to modify the color and name of existing tags

- to be able to customize the background of the board

- to be able to use commands by keyboard shortcuts

- to have password protected boards, a prompt would ask for a password when trying to edit it.

- to be able to change the name of lists

- to see a list of all the boards

As an admin, I want. . .

- to create boards

- to delete boards

- to unlock password protected boards

- to change the password of password protected boards

- to have a dashboard where I can easily find all the features listed above.

- to be able to log in as an admin to unlock admin features. There would be a button to log in as admin, and a prompt would ask for the admin password.

COULD Requirements

As a user, I want . . .

- to open a board with a link

- To set a board as favourite, that board would be opened by default when you open the app

- to be able to search for cards with a specific tag

- to have a dashboard with the lists and tasks with a progress indicator

- to be able to archive completed tasks and lists

- to be able to restore archived tasks and lists

- to be able to set due dates for tasks and receive reminders

- to be able to set an assignee for a task

- to be able to filter tasks by due date, assignee or status

- to be able to view previous and upcoming tasks in a calendar view

- to be able to set dependencies between tasks (can't start B without finishing A)

- to be able to create recurring tasks (daily, weekly, monthly)

- to be able to see the history of changes made to a task or a list

- to have the ability to choose between different languages

- to have an undo shortcut

As an admin, I want . . .

- to be able to backup and restore boards

Mocks (we will make our own)

Talio: Your personal Task List Organizer

TODO

| Setup team repositories | x |

| Get lunch | x |

[+]

Doing

| Give lectures | x |

Done

| Prepare slides | x |

Prepare lecture slides   x

I still need to polish the lecture slides for several upcoming lectures.

Tasks

[x] Collaborative Software engineering   x
[ ] Git Assignment   x

(urgent (x)) (teaching (x)) [+]