

# Backlog (Draft)

Group 27

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## 1 Stakeholders

- User: any person who is able to use the application
- Admin: a person that manages the server

## 2 Terminology

- Card: a customizable object that describes a real-world task
- Board: customizable Application area that contains any number of Tasklists, and therefore Tasks
- Tasklist: a customizable list that contains any number of Tasks

## 3 User Stories

### 3.1 MUST requirements

As a user, I want

- to use the app without registration so that I can access it quickly and easily
- to be able to create and access multiple boards so I can manage all of my projects
- to be able to search for existing boards so that I can find past boards easily
- to be able to create multiple tasklists in each board so I can better organize my tasks
- to be able to create new cards in a tasklist so that I can manage my tasks
- to be able to edit existing cards in a tasklist so that I can fix mistakes and add new info

- to be able to drag and drop tasks between tasklists to update the status of each task
- to be able to see the changes made by other users to each board to further enable cooperation
- to be able to add a description to each task so that each task can be specified

As an admin, I want

- to have a server so it can manage cross-client communication
- to be able to restart the server without any user data loss so that object persistence can be maintained
- the server to function independently from the clients so it can work in the background
- the server to be able to send data to the client without being prompted to do so by the client so that two-way communication can be possible

### 3.2 SHOULD requirements

As a user, I want

- to be able to set deadlines for tasks, so that I can make sure I or my collaborators finish them on time
- to be able to switch between light and dark mode, so that I can customize the app to my personal preferences, or read comfortably in both light and dark conditions
- to be able to have a nested task list, so that I can divide my tasks into smaller sub-tasks which will help productivity
- to be able to add tags to tasks so I can categorise my tasks

### 3.3 COULD requirements

As a user, I want

- to be able to see my tasks in a list view so I can see my tasks in a more concise way
- to be able to hear a notification so I know when it is time to complete a task
- to be able to select multiple cards at once so I can organize my task much more easier

- to be able to delete multiple tasks at once so I spend less time on management
- to be able to use a series of keyboard shortcuts so I can use the app efficiently and easier
- to be able to set a password for a board so that just certain people can edit it
- to be able to enter the password for a protected board so that I can edit the boards for which I know the password
- to be able to customize the board with a background so that it has a more pleasant appearance
- to be able to change the tag colors for tasks so I can categorize my tasks more efficiently and more visually