Task List Organizer

Stakeholders

- User: Any person that uses the task-list organizer
- Admin: A person that manages the server

Terminology

- Page: any tab of a web application that is accessing the task-list organizer open
- Board: section of the task-list organizer that contains a collection of lists.
- Lists: collection of cards.
- Card: task.

MUST requirements (basic features)

As a user, I want...

- No registration, so that I never have to make an account or login when I want to use the app.
- To be able to see a board from multiple devices at the same time, so that I can share the board with my friends.
- To be able to see the changes made from one page appear on another, possibly on another device, in real time, so that I and others can work together.
- To drag and drop tasks between lists, so that I can easily and intuitively organize my board.
- To add,remove and edit cards and lists, so that I can use the task organizer for anything I want.

As an admin, I want…

- Boards to be persistent, so that in the event of a crash boards and their contents are stored safely such that they return when the application is started again.
- To restart the server without losing boards and their contents, so that I can update the application without having to manually do backup.

SHOULD requirements (advanced features)

As a user, I want...

- To access boards by inputting their name/key,for easier management of multiple task boards.
- To create and delete my own boards, to prevent me from having too many useless boards filled with already done tasks.

- To create detailed cards (with a description, sometimes including additional cards within them).
- To edit detailed cards so that I can easily change them.
- To create tags and append them to cards, so I can group multiple cards related to each other.
- To customize the background color of the board, lists, and tasks to make any board more visually appealing.
- To customize the colors of each of the tags, to make them more distinguishable.
- To perform basic app actions using keyboard shortcuts, so I can have a much faster/practical experience

COULD requirements (advanced and additional)

As a user, I want ….

- To be able to protect my boards with a password, making them read-only for users that don't know it.
- To customize my board by changing its background to an image, so that I can make it even more visually appealing.
- To put a visible time limit on a task, so that I see the wanted deadline
- To get notified before the deadline of a certain task by pop-up, so that I don't forget to do it.
- that I need to confirm closing the application, so I do not accidentally close the window and drop out of the app
- To create cards with numerical goals, to track quantitative tasks.
- To have numerical cards change color based on my progress, for better readability.
- To get a Telegram/WhatsApp notification on a chosen task so that I don't forget about the task
- add a title to my boards that is independent of the key, so that I can easily see what a board is about and prevent key clashes (if the title wasn't independent of the key)
- to be able to set a main board on a particular device, so that when I open the app, I don't have to enter key and password
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As an admin, I want...

Mock(TBD)