TAILO - Backlog

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General:

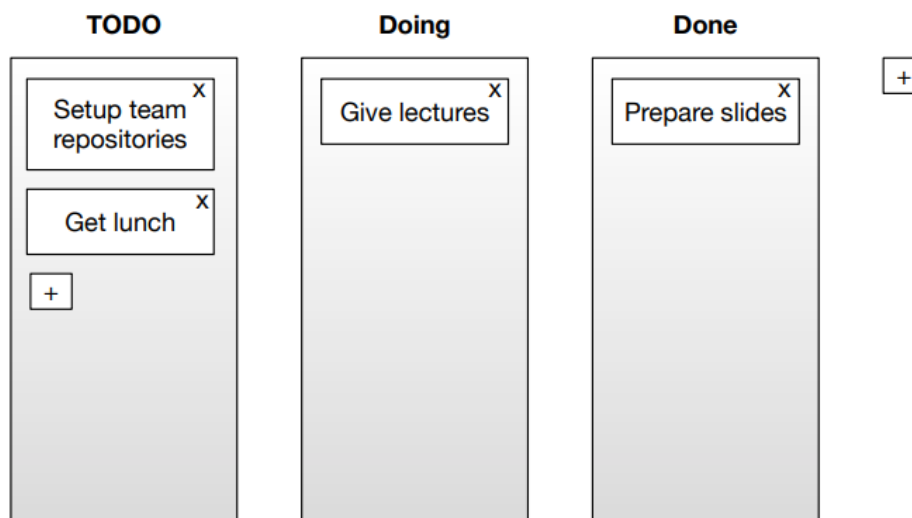Assignment name : "Your personal Task List Organizer" **(TAILO)**

Stakeholders:

- **User:** Any user that is able to add "cards" in order to organize their tasks.
- **System Admin:** The people that manage the server, application and its components (like the board).

Terminology:

- **Card:** A collection of text that describes a certain task with a title, description, state, and potentially, "sub-tasks".
- **Sub-task:** A checkbox list that describes smaller items that need to be completed within a card.
- **Collection:** A group of cards, organized as a list, which is used to further categorize them (like level of completion, different department-related tasks…).
- **Board:** An overview of a set of all the collections, together with additional functionalities.

Mocks:

User Stories:

Must Requirements:

As a user, I want…
- Auto synchronization of the overview, so that I don't have to worry about reloading the page after I modify a task
- Drag and Drop function, so that I can easily change the collection in which a task is located.
- A different title for each card, so that I can easily differentiate/identify them
- The option to add cards and collections, so that I can fill in my own tasks, according to my needs.
- The option to remove cards and collections, so that I can keep the board organized after I finish a task or if I made a mistake.
- To be able to access the application without the need for registration, so that I can easily access the application.

As a system admin, I want…
- The cards, collections, and associated information to be stored in a DB so that data is not lost and boards can auto-synchronize.
- The system supports multiple users without data being overwritten so that changes of one user are accurately represented in real-time to all other users.

- To be able to restart the server without data being lost and manage the board so that maintenance is easy.

Should Requirements:

As a user, I want…

- Multiple boards functionality, so that I need to separate unrelated collections sets
- To be able to join boards, so that I can group similar categories of collections of cards together.
- The possibility to add a description to a task, so that I can expand on it without having to prolong its name.
- The possibility to add sub-tasks to a card, so that I can also map more complex tasks that need multiple sub-steps to solve.

- Tag support, so that I can easily observe how different tasks relate to each other.
- Customization options, so that I can make the service more visually appealing, according to my own taste
- Keyboards shortcuts, so that I can execute the app's functionalities much faster and thus be more efficient
- To create/delete a board which can be password protected or not, so that I can securely add tasks there.

As a system admin, I want…
- Some of the boards to be password-protected, so that not every user can modify them.
- All the boards to be view-accessible for all the users, so that I can see all boards
- To be able to facilitate password protected boards so that unauthorized users may not edit all boards without authentication.
- Allocate and manage password protected boards without restriction so that I can manage boards in case users forget their passwords.

Could Requirements:

As a user, I want…
- The option for querying "cards" by tag, description, or board names, so that I can find a group of cards under a filter quickly.
- To be able to export cards in a csv. file format, so that they can be integrated in external programs.
- Have access to a "card" overview which lists all statistics of the current and expired cards, so that I can track how much time I spent on each card.
- See more information on the card other than the title so that the board is more informative.

As a system admin, I want:
- To be able to generate a report of the current tasks present on all boards (or select boards), so that I can keep digital human-readable copies of the app data.
- To have a log that keeps track of users that enter the website, so I can keep track of anything that is happening on the website.