Kanban Esoteric Edition

Project description

Kanban Esoteric Edition is a web app where groups of users can create and modify Kanban boards. Admin users can create boards either manually or based on a template. Boards will contain items (such as tasks), and these items will always have a status (e.g., "In Development" or "Done"). All users can view the boards of their group, update the status of items, and log their time spent working on an item.

User stories

Register

As a user

I want to register

So that I can use the app with my own account and personal information

Wireframe

Acceptance criteria

- Under /register there is a page where the user can register by filling in the form

- The user can give a username and password to register

- At the bottom of the page there is a submit button to confirm the given credentials

- When the user submits, an account is created and stored in the database with the given credentials

- The user is redirected to the homepage and is now logged in

Login

As a user

I want to log in to my account

So that I can continue my previously saved work

Wireframe

Acceptance criteria

- Under /login there is a page where the user can log in

- The user can give a username and password to log in

- When the user submits, the user is logged in to his/her account

- When the user submits, the user is redirected to the home page

- After login, the user can access his boards, tasks and personal info

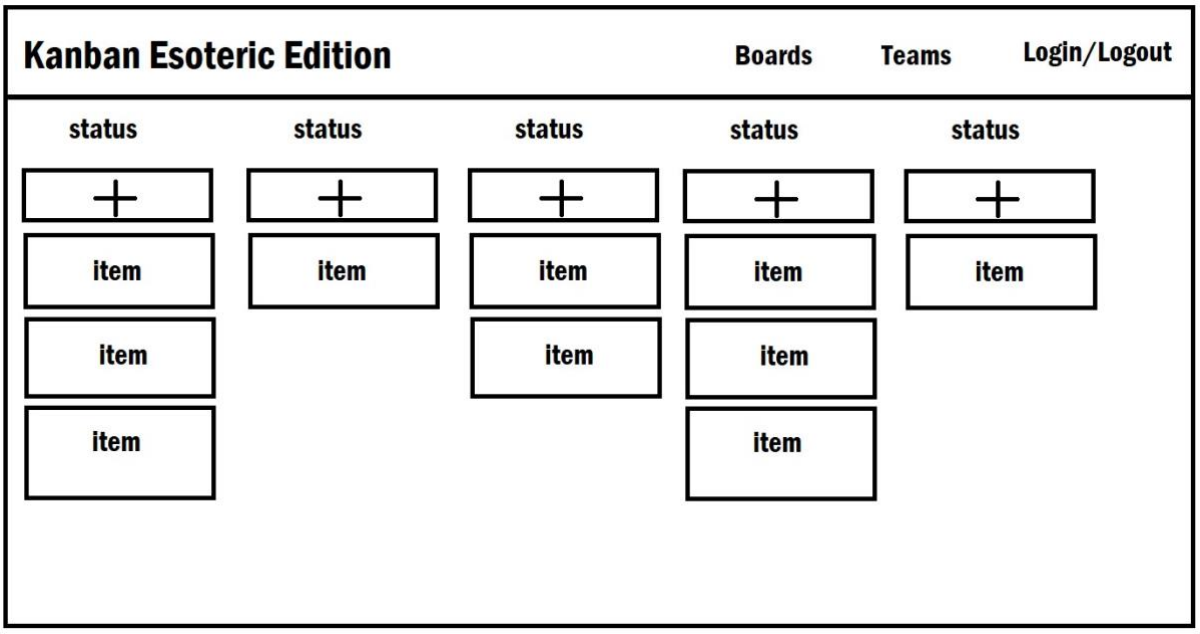
View board

As a user

I am able to view my team's kanban board

So that I can see my team's tasks and their statuses

Wireframe



Acceptance criteria

- There is a boards button in the header that takes you to a list of your team's boards.
- Clicking on of the boards in the list takes you to an overview of that board
- The board overview has a column for each status.
- The status' items are shown in the column and display the items title.

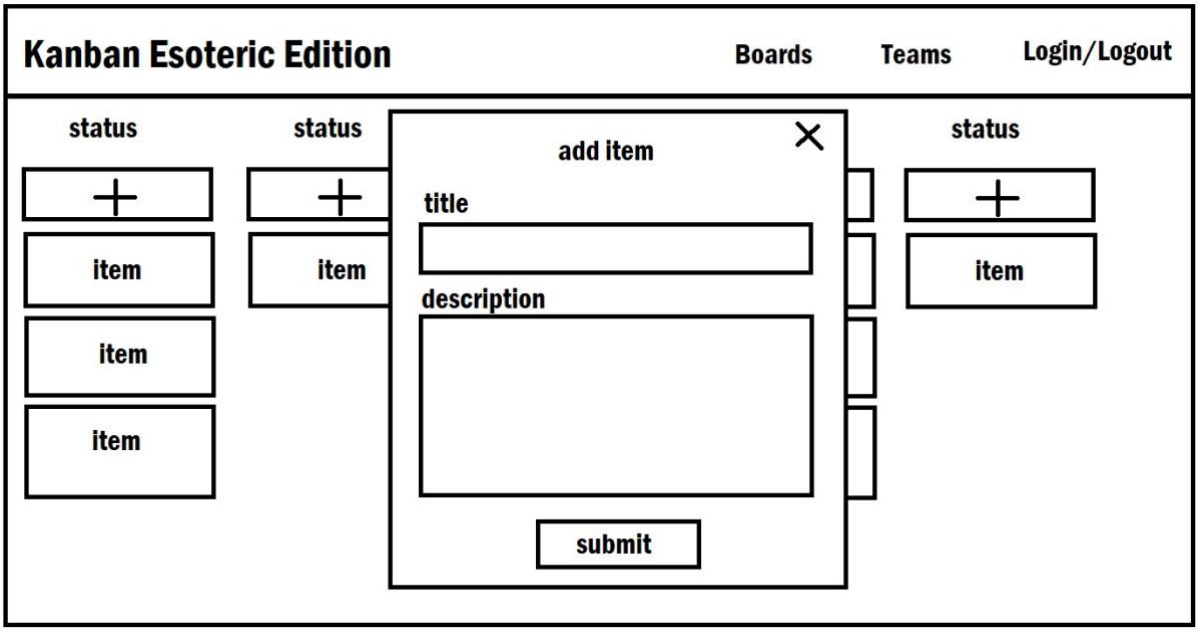
Create new items

As a team leader

I am able to create new items

So that I can create new tasks for my team

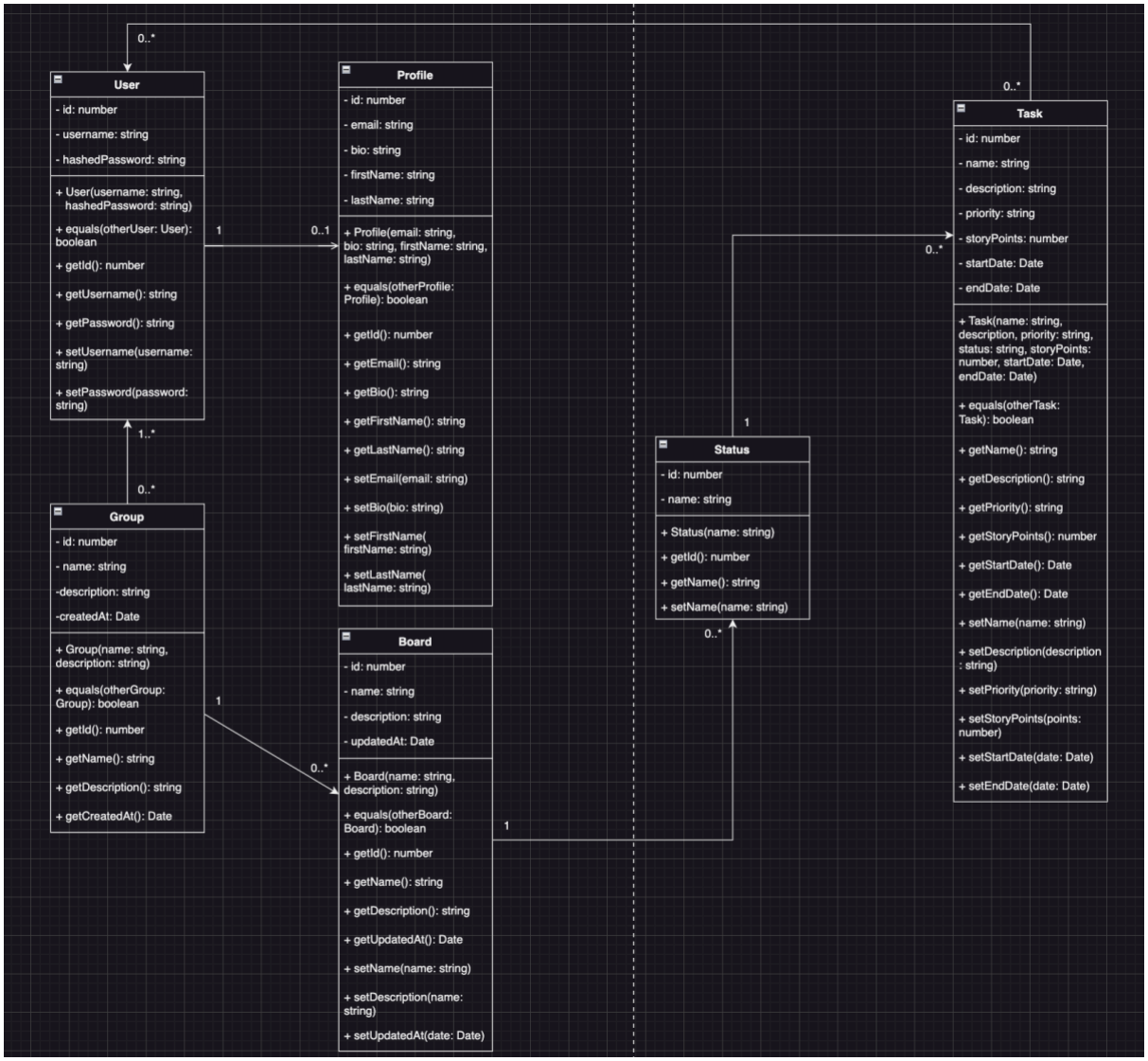
Wireframe



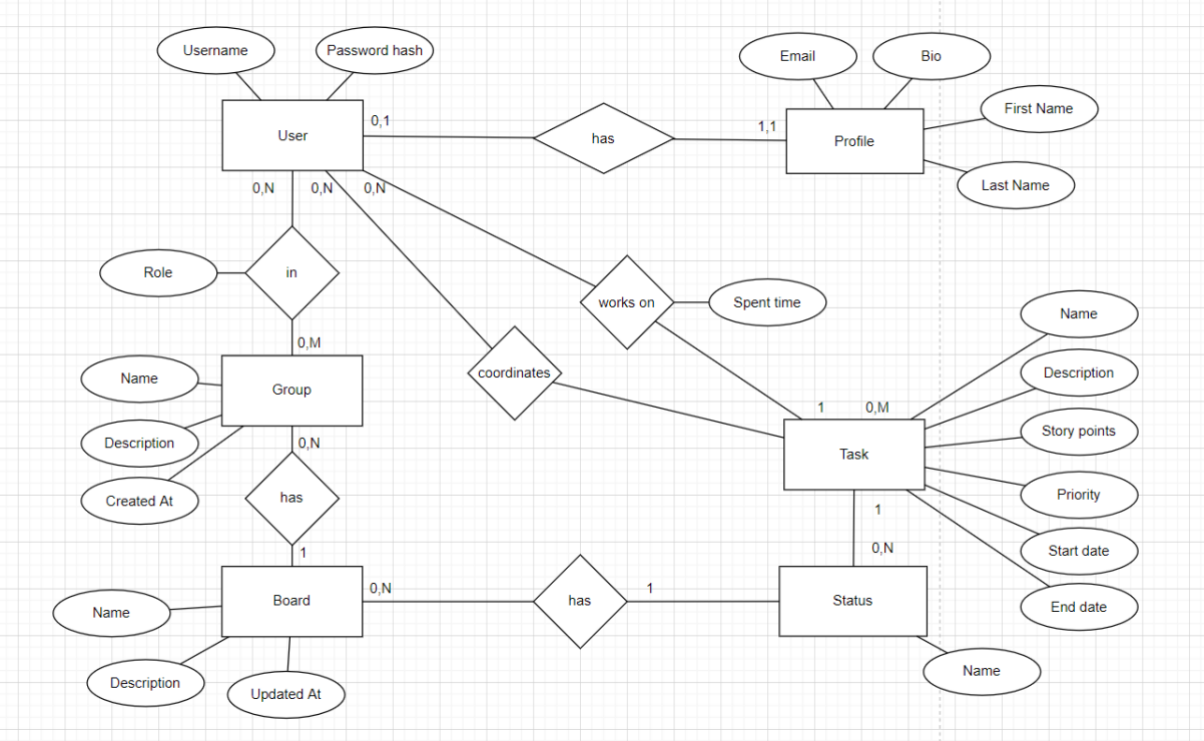
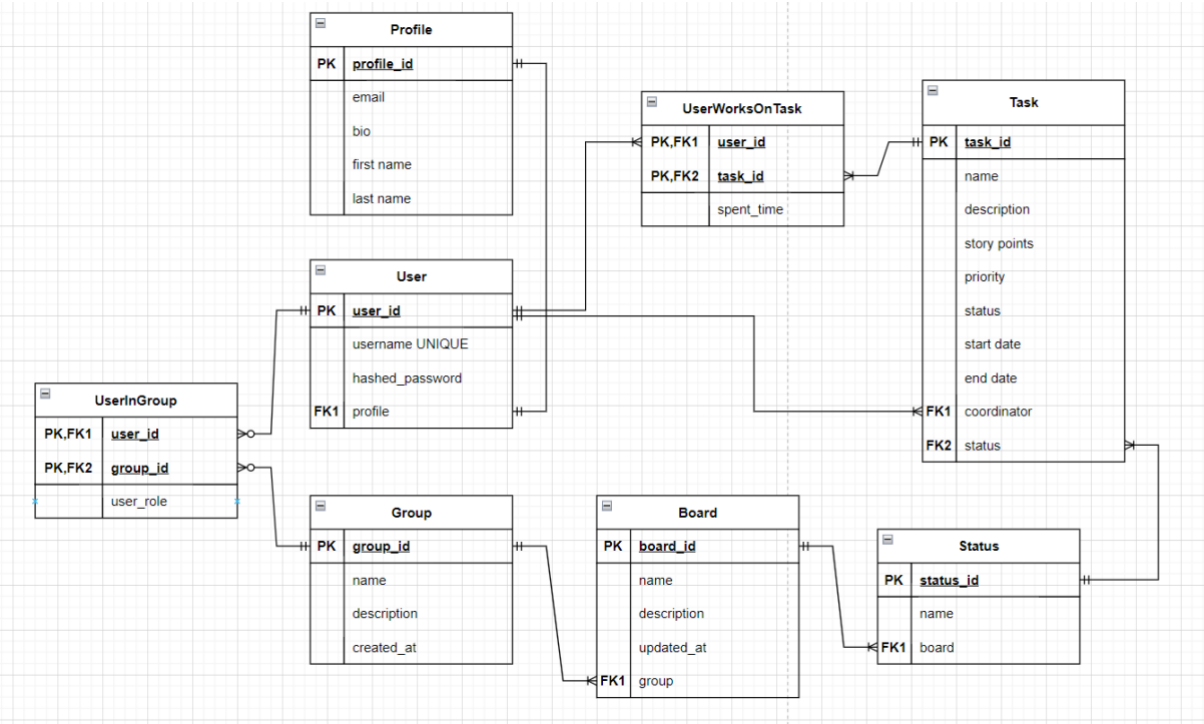
Acceptance criteria

- Every status has a button which triggers an “add item” popup.
- The “add item” popup contains a form in which you can specify the title and description.
- The “add item” popup has a “submit” button that creates the new item and closes the popup if the form was filled in correctly.
- If you submit without filling in all field error messages are shown below every empty field and the popup doesn’t close.
- If you submit and there is an error in the backend the popup doesn’t close, and the error message is shown at the bottom of the form.
- The “add item” popup has a “close” button that closes the popup and cancels the creation.

Domain model



Conceptual model



Logical model