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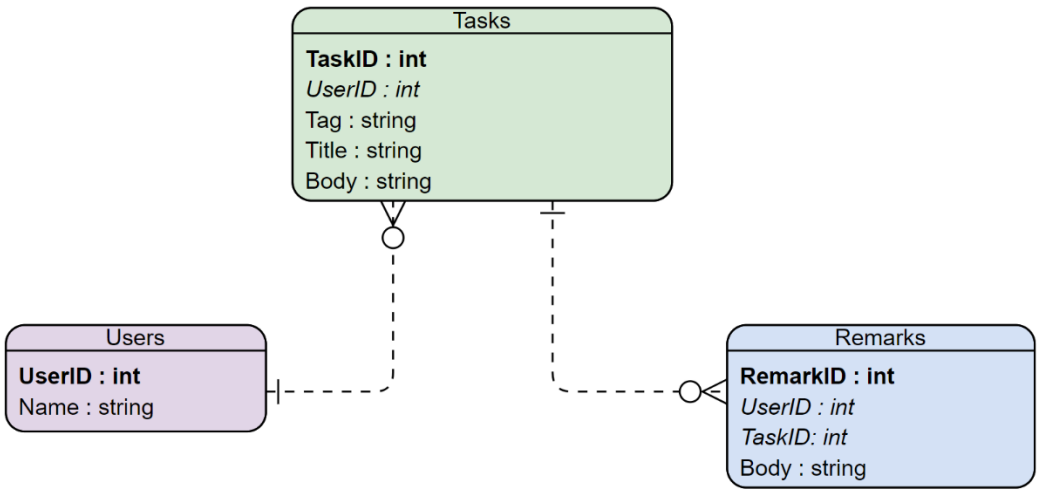
Write-Up (Mid-Assignment Submission)

Use Cases

1. Basic functionality (CRUD operations) of a to-do manager
    - Create new to-dos with a title and body
    - Read existing to-dos
    - Update to-dos with information and status (active/completed)
    - Destroy to-dos
2. Remarks
    - This will act as a log for each to-do
    - CRUD operations on remarks as well
3. Tagging System
    - Any to-do can be assigned a label for the user to organize to-dos
4. Searching and Sorting
    - Allow basic search
    - Allow segmenting based on tag
    - Allow sort based on chronological/active/custom order
5. User accounts
    - Implementing sessions, with logging in and out
    - Integrate Google account authentication if possible
6. Allow for draggable boxes (UI)

Execution Plan

I already have a brief overview of the database scheme and its Entity-Relationship Diagram that I will be implementing. It might be subject to change if I encounter issues during development.



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I'm working towards a MVP before the start of the semester after which I will be using the time till the 25th to improve the UI and add functionality including some of the optional tasks. (I have worked with CRON scripts before so will most likely implement that)

Issues :(

As I've had zero prior experience with web development, I spent quite some time going through the provided tutorials and compulsory reading chapters to get a detailed understanding of MVC so that I can design my app with more ease.

I'm still a bit unclear on how to integrate the front-end with React into my app to give a nice UI. I have spent limited time learning React so getting the UI done might be tough.

I've installed Rails on Ubuntu (WSL) and ran into permission errors while using git that I resolved through some googling and stack overflow xD. I also got errors while trying to install PostgreSQL and decided to continue with the SQLite3 that comes by default.

It has been quite a learning curve that will only get steeper in the coming days :')
… loving it!