

Rails Mid-assignment

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Heroku Link: <https://apollo-todo-list.herokuapp.com/>

Github Repository: <https://github.com/Yonggiee/todo>

Basic Use Cases

User Accounts

- User Accounts for individual's todo-list through devise gem
- Allows you to have multiple models signed in at the same time
- hashes and stores a password in the database to validate the authenticity of a user
- locks an account after a specified number of failed sign-in attempts (not implemented yet)
- expires sessions that have not been active in a specified period of time (not implemented yet)

Todo-List

- Todo-list only viewable by individual users
- Each todo item consists of title, description, category, deadline
- CRUD operations for each todo item

Search bar

- Search by title, description
- Display todos from specific categories

Calendar

- Calendar displaying todos with expiry date

Execution Plan

- Created Rails Application
- Added routes for index, new, show page
- Todos [CRUD]
- Added Calendar
- Calendar displays todo with expiry dates
- Added Users login and out

Suggestions and to be implemented if time persists

- Cron to backup database
- Automatic email/SMS to remind users of their expiring todo. (Cron might help in this, have to check)
- To add more sorting functions like displaying todo with expiry dates from one date to another
- Ability to pass on todos with accept and decline
- Using Javascript to display todos, remove the need to load entire pages
- Animations through Javascript (make website less dead)

Problems Faced

- Implementing Javascript. Many guides and tutorials online are outdated.
- CSS. Figuring out how to fit the content into the webpage.