

Rails Mid-assignment

Tiu Wee Han

A0190278X

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

(Disclaimer: Todo page works on local machine but not on Heroku. I suspect version incompatibility)

Github Repository: <https://github.com/Williamstwh/CVWO-assignment>

(To see full functionality, run on local machine)

Basic Use Cases

- User Accounts (to store each individual's todo-list)
 - Login and logout using Sessions
 - User authentication
 - Admin authorization
- Todo-List
 - Each user account has its own todo-list
 - Each todo item consists of title, description and deadline
 - CRUD operations for each todo item
- Search bar
 - Search by title, description and deadline
 - Sort by alphabetical order and deadline

Execution Plan

- Create Rails Application with Bootstrap Gem [COMPLETED]
- Add routes [COMPLETED]
 - Root url: sessions#new (Login page)
 - users: [C]
 - Namespace my
 - account: [RUD]
 - todos: [CRUD]
 - Namespace admin
 - users: [CRUD]
 - session: [CD]
- Generate MVCs [COMPLETED]
 - users [COMPLETED]
 - my/account [COMPLETED]
 - my/todos [COMPLETED]
 - admin/users [COMPLETED]
- Add login/logout functionality [COMPLETED]

- Sessions View and Controller [COMPLETED]
- User authentication before every action [COMPLETED]
- Admin authentication when trying to access admin namespace [COMPLETED]
- Add search functionality [IN-PROGRESS]
 - Search by title [COMPLETED]
 - Search by date range [COMPLETED]
- Add sort functionality
 - Sort by alphabetical order
 - Sort by deadline
- Add CSS [IN-PROGRESS]
- Deploy to Heroku [IN-PROGRESS]

Problems Faced

- Version Incompatibility
 - Many tutorials online are using outdated versions of rails. For example, there is not much documentation for form_with as compared to form_for and form_tag.
 - I suspect that there is version incompatibility between my version of rails and that of Heroku (It could be database incompatibility because I use sqlite3 on my local machine but use postgres on heroku .