

Mid-Assignment

Basic User Cases:

- User account to display personal to-do items
 - User authentication
 - Password reset
- To-do list
 - Consists of description, stipulated deadline, tag lists, cross off buttons and delete buttons
 - Sorted by deadlines
 - Overdue items are hidden, users can choose to display overdue items
 - Option to delete marked items and delete all items

Execution plan:

Setup todo app with Postgres database

Add MVCs: users(using devise gem), lists(using act-as-taggable-on gem)

Add controllers: home(for delete options and info page)

Set root to list index page, add routes to home

Sort by deadlines

Deploy to Heroku

Future work:

Search function

Admin role

Typescript

Problems faced:

Installation issues: firewall limits download speed, a few dependencies for Ruby on Rails are not properly installed, solved after changed to another VPN.

Database issues: when switching from SQLite to Postgres, connection failed. Solved after delete postmaster.pid in system files.

Mailer connection issues: smtp error 450 occurred, mails are rejected by the recipient, so forgot password feature is removed.