CVWO Mid Submission Writeup

The aim of this to-do application is to keep track of tasks while maintaining user-friendliness.

Part A: Basic Use Cases

Login

Each application user will have their own account and password, which they will use to login into the application. A logged-in user will have unique privileges and available actions as compared to visitors who are not logged-in. Details on these actions are laid out below in each use case description.

Tasks

Tasks(also known as Microposts) are the main feature of this application.

Users may **create** new tasks, each with a text and recorded timestamp of creation. The new task will belong to them.

Users can **destroy** their own tasks when they are done with the tasks. Editing of tasks is currently not supported in our application.

Users

Users can **update** their passwords. Users can see other users via the **index** method. Tasks that belong to the users are displayed in reverse order of creation, which is done by a **show** action.

Part B: Execution Plan and Implementation

Model

Each of Micropost and User will have a model, containing appropriate before filters and validations.

Controllers

Sessions, microposts, users will each have a controller. Users cater to **create, update, destroy**. Sessions and Microposts cater to **create** and **destroy**.

Login

Logins are handled with a Session, which is **create**d when users login after passing the authentications and **destroyed** when users log out.

UI(Views)

The application uses CSS and Bootstrap for some basic UI customisation. Each GET request will have a view associated with it.

Extra templates which specifies layouts like footers and headers are available in a separate directory.

Part C: Problems

1) I still have a weak understanding of Ruby on Rails(reading of API and why some code work the way they do) and how it ties in with HTML and CSS.

2) Task 2 on Categorising Tasks is not yet done.