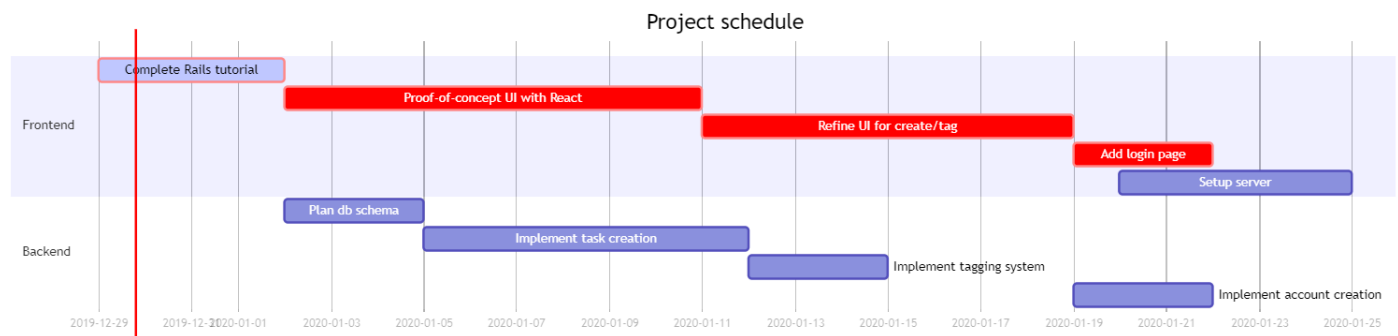


Midterm submission writeup

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The basic use cases as required by the assignment, as well as the additional design requirements, can be found in `notes/user_requirements.md`. The basic use cases are reproduced below:

Account creation

Users register for a user account with name, password and email. Email confirmation required.

Task creation

Once logged in, the user will see their homepage with all tasks sorted chronologically. An empty text field on the top of the window prompts the user to select it, which opens a host of options for user to select. The task is automatically saved upon creation.

1. The text field provides the space for the user to enter a one-liner task.
 - NLP is also provided for dates, priority, tags and notes as a one-liner comment.
2. Several buttons are available for additional information:
 - Datetime:
 - i. The program prompts the user to specify start date and time. Start date defaults to the current date and is presented in a calendar view, with the year as a selectable button to change. Time can also be specified using the round clock. If time is specified without the start date, the date is the current day.
 - ii. If start date or time is selected, end date and time is also prompted.
 - iii. Repeat options are also presented, with the ability to specify the end date of the repeat as well as the frequency with which it repeats (e.g. number of days), or the days on which they repeat (i.e. Monday to Friday).
 - Priority: A dropdown menu to select the priority level is provided.
 - Tags: A text field to type the tag is provided, with a dropdown list of the three most recent tag used.
 - Notes: A multiline text field is provided for the user to add notes.
3. Upon pressing the confirmation button (or upon pressing enter), the task is created and immediately populated in the task list.
 - Alternatively, a cancel button is provided to cancel input, preferably far from the enter button at the bottom left.

Edit task

The user selects the task on the list, and the same interface as task creation appears, the exception being the add button now transformed into a checkbox button, and the cancel button is accompanied with a delete task button.

I'm currently still overseas on exchange and travelling between US states now. Return date is slated for 13 January 2020. If there's a big problem, this has got to be it. The other being Windows as my developing environment.