

Although I feel quite satisfied with my initial React frontend code, I feel more depressed the closer the due date comes. Although the majority of the React and CSS code are ready, there are still some things which I didn't have enough time to fix or add. I also feel very disappointed with my lack of knowledge in the Rails backend, and as a result, the final program might not work as I intended. There are parts of my CSS code which is left unfinished, due to time constraints and my decision to try to create a visually good application, not considering the long time it takes to finish all the CSS decorations.

Hence, in case the program does not appear to work, please do check out the frontend code on <https://codepen.io/dreammac3816547290/pen/BamayMV> (for the modified version intended to work with Rails) or <https://codepen.io/dreammac3816547290/pen/jOGobZd> (for the frontend-only version).

User Manual:

To create a task, simply push the purple “+” button. This will show a form which has a “Label” and “Description”, which correspond to the label and description of the task, respectively. The user can also change the background color and the text color of the header of the task besides the label, to match their own preferences.

Next, on the form there is also a slider with value ranging from 0 to 100. This shows the priority of the task (the user can move it to 0 for low-priority task and 100 for high priority task). Above the slider, there are 3 other sections: schedules, reminders, and links.

If the user clicks the “+” button besides the schedule, a new schedule will appear. The user can then set the first date input as the schedule's start, the second date input as the schedule's end, and the set of year, month, week, day, hour, minute will be the repeat time (for example, if year = 1, month = 2, week = 1, day = 0, hour = 3, minute = 5; then the schedule will be repeated after 1 year 2 months 1 week 3 hours 5 minutes later). If the year, month, week, day, hour, minute are all set to 0, the schedule will not be repeated.

The reminders work in roughly similar ways to the schedules, however reminders will only have 1 date, which is the start date; and will sound an alarm on the start date, and repeat the alarm (similar to the schedule).

If the user clicks on the “+” button besides the link, a new pair of (link name, link address will be created).

To submit, just click submit. If the user wishes to not submit the form but does not want to lose their progress, they can click outside the form, and the form will be put on the “pending” list. The user can then click on the pending tab created on the bottom of the page to resume their progress.

After the form submission, the user will see the newly created task(s), with the respective label, description, priority, background and text color. To change the task, simply click on it, made a few changes to the form that appears, and submit again.

Two or more files can be put together inside a “Folder”. To create a folder, the user must initially have at least 2 tasks. Then, the user can drag a task, and drop it into another task, to merge the 2 tasks into one folder. Users can also drag a task and drop it into a folder, or drag a task inside a folder and drop it inside another folder or task. To expand a folder, simply hover the mouse above it.

If the user hover the mouse above a folder, then move the mouse to hover above a task inside the folder, the task will expand. In case the folder expansion was not enough for the size of the tasks inside it, the user can scroll inside the folder to move to the top/bottom task inside the folder.

User can also expand the “feature” section, which can be done by clicking the arrow button on the top left of the page. This will open the feature section, which grants user the ability to search through their task and sign in / sign up / log out of their account. Simply click on either Sign In or Search to expand (or shrink) the menu.

To turn on the search feature, click on the button beside “Search” to toggle it on or off (do note that during search, folders will be ignored and the tasks would be assessed as individual tasks). The users can then fill in the desired label and description to match. Aside from that, in the search feature menu, the user have the option to create custom tags by clicking the “+” button below label or description or tags. This will cause a “tag form” to appear, in which the user can choose the tag label, background color and text color.

To add the tags which have been created (in the search feature menu) to a task, simply click on the task (which opens the form) and click on the desired tag(s). When clicked, the tags’ background will turn black. Then, submit the form to finalize the decision.

To search tasks which have specific tags, go to the search feature menu again, then click on the desired tags. The background of these tags will then turn black, showing the selected tags.

For the “X” buttons which appeared in some objects (form, tag, pending tab), they are used to delete the object.