

Dr. Legrand,

Jon and I would like to develop a to-do list app that encapsulates multiple points of previous lectures and studios. The app would be heavily based on the JavaScript side with the HTML and CSS3 aiding with presentation and canvas size reorientation. We intend to utilize advanced techniques such as web storage, canvas and timers organized under the Model-View-Control code organization.

The to-do list would keep track of the user's list of items to complete and would be categorized into custom priorities and projects. These categories would be in the style of a Pure CSS Hamburger fold-out menu. The priorities, labelled P1 (high-priority), P2 (medium-priority), P3 (low-priority) and P4 (none) would be color coded to allow easy information dissemination at a glance. The user would prioritize entered tasks via either one of these four priorities to allow the user to understand what needs to be completed the earliest and quickest. The projects category allows the user to compile related tasks under one custom ID for easy identification and organization. For example, a group of entered tasks related to college could be categorized under the ID "College" so when the user wants to see all collegiate related tasks, they may just head over to the side bar menu and click College under projects.

We intend to also implement a scaled down timer feature. The timer is simply a timer element that would notify the user x (user defined) number of minutes until an entered task is due. For example, the user enters "walk the dog" and selects to be reminded in 15 minutes, the timer element would keep track of that entered task and display the necessary message in 15 minutes either as a pop-up or a notification (Chrome).

We also intend to design and develop a canvas element that would graph the ratio of the user's progress toward entered tasks to uncompleted tasks for each project. This allows the user to treat completing tasks as a game, visualized as filling the pie chart.

All progress would remain persistent across browser sessions, except for the pie chart which would be reset after each session.

Please see the next page for a rough sketch of the app, sir.

To-Do List App

Everything

Projects v

College

Work

Personal

Priorities v

P1

P2

P3

P4

o Walk the dog Personal P1 Q

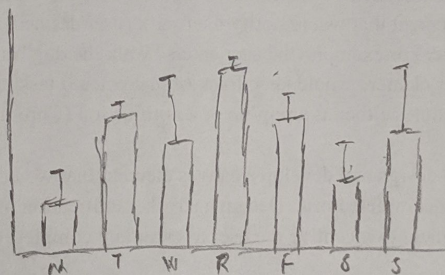
o Study for upcoming quiz College P1

o Read Chps 1-4 ASM College P2

o Mow left quadrant Work P3

o 15 pushups, chest work Personal P4 Q

How you're doing



[Create a task]

I need to:

"Walk the dog"

Project:

Personal v

Priority:

☐ P1

☐ P2

☐ P3

☐ P4

Please remind me:

15 minutes