**To-Do App Specification**

**Project description**

This project aims to create a To-Do web application by using the coding knowledge learning in class. The project starts with brainstorming, detailed project description, user flow sketches, interface design, protype mockup, and programming.

The goal of To-Do web app is to provide a place for the users to write down all the things they want to complete. App usability and interface design principles will be considered but not necessary to this project.

**Task Vignettes**

* View all the to-do list on the main page of the app.
* Select the date from the calendar and add a to-do list on that day.
* Expand a single to-do list to view/edit the details.
* Edit a to-do list by clicking the “Edit” button.
* Type in the to-do items when they click the “add new list” button.
* Mark the to-do items as ‘completed’ by checking the box.
* Remove a to-do item by clicking the “delete” button.
* Sort the to-do list by changing the to-do priority.

Letter

Description automatically generated with medium confidence

**Technical ‘flow’**

1. I will create an interface with a mix of Text, images, and different buttons for calendar.
2. Each button leads to a single To-do list.
3. It will expand a single interface with text, images, and several buttons.
4. When user edit the list, it will show the pull-down menu. I’m not sure how to code this.

**Final assessment**

1. **After working through the spec, what was the biggest most unexpected change to had to make from your sketch?**

The order of the task list, interface design of the app.

1. **How confident do you feel that you can implement the spec as it’s written right now?**

I feel confident to complete most functions of my app.

1. **What is the biggest potential problem that you NEED to solve (or you’ll fail)?**

The biggest potential problem for this project should be coding part which needs to be perfectly done to make sure the app is well designed and programed to be run at the end of the semester.

1. **What parts are you least familiar with and might need my help?**

I am not sure about how to make all the functions and features work for the app, and what tools should I use to program my project. I may need help for the technical part especially coding an app with a few unfamiliar functions.