

**CPSC 2261: Web Technology**  
**Summer 2023**  
**Project Proposal**

**Project Name: Task Management App**

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**Project Option Selection (choose one):**

- ☒ **Option 1:** Front-end only React app | Consume a public API  
☐ **Option 2:** Full-stack web app using the MERN Stack

**Demo Preference (choose one):**

- ☒ **In-person (July 26th/July 31st/Aug 2nd)** - You will be assigned a 10-minute slot to demo your project.  
☐ You will provide a demo video URL/file where you run your project and demonstrate the main features.

Please read the **project instructions document** before proceeding.

The **project proposal** is a description of what you intend to accomplish over the remainder of the term for your course project. It should describe your website/web application. Use this project to build something that interests you!

- You can use bullet points to **describe the main features** of your website or web application.
- Optionally, you can include a mockup (drawn by hand or a UI design tool like Figma)
- I want you to be ambitious (but realistic) with the features you want to implement.
- Understand that this is a proposal, and *it is normal for you to change the project features as you work on it*. You will get to mention any changes you make in the final project documentation.

**Project Description:**

This Web app is a Task flow app, it helps users to keep track of their works and tasks.

Features and different components of the app:

- There is a message displayed at the top left of the app which shows Good morning, noon, afternoon, with the name of the user based on the time if it's in the morning, afternoon, ...
- User's picture on the top right
- A box of containing daily Motivation messages on the bottom of the good morning messages and profile picture
- Different views of Daily, weekly, monthly, and yearly view. Which might need filtering and conditioning for this part to show a different view.
- User can add new tasks to each day.
- User can edit the added tasks.

- User can delete tasks.
- App can prioritize those tasks have due date, based on the due date, tasks with closer (earlier) due date will be prioritized for the user
- There will be a reminder 30 minutes before each task to remind the user of the task.
- There will be also a reminder after the assigned time for the task, to remind the user to mark the task as completed (if it's completed, if not leave it unmarked)
- At the end of the day, app gives the user a percentage of how much user completed all the tasks to let the user know how much (user) was productive during the day, based on the marked completed tasks.
- User can create weakly, monthly and yearly goals

Feel free to add more pages if you need it