Project Proposal

CS320 Spring 2025

Company Name: The Gooses 🦢
Members: Lina, Leah, & Grace
Application Name: Untitled Productivity App
Proposal:

When it comes to productivity/organization, applications are usually separated by functionality–one app for the calendar, another for notes, and yet another for to-do lists. We will be creating an all-in-one productivity app with four main goals: (1) organize & remind people of their tasks (2) motivate people to do their tasks (3) keep people focused on their tasks (4) making scheduling & planning of tasks & events easier. Combining these functions into one app makes them easier to use & access. Our target audience is high school and college students, as they often have many tasks or events, all with different deadlines, all needing constant reminding & planning.

Our application will mostly be to-do-list-centric. Users can create to-do tasks, complete with deadlines, & priority ranking. They can sort their tasks by type (school-related, work-related, general, chores, etc.) or by priority (things due today, things due at the end of the week, etc.) When a user sits down to work, they can set a timer for that work period & pull up the to-do list, which can be displayed on-screen like a quest in a video game. This will keep them on task as they work. As the user completes tasks on their list, they earn points, which can be used to unlock themed UI elements for the application, motivating them to work! The rewards gained through the point system will allow the user to customize the theme, buttons, and add sounds to the program. While the point system will allow for increased customization, no features will be hidden behind it!

Also included in the program will be a timer suit which will include a countdown, stopwatch, and egg timer. Countdown and egg timer settings will be able to be saved for easy access. Presets such as 45 minutes working, 15 minute break will also be available for timers and of course manual entry will be available.

As stretch goals, we also plan to implement calendar & journal functionalities. In addition to adding events to the calendar, users could also sync with their Outlook or Google Calendar. They could group & filter events for organizational purposes, including adding coloring to the events. Users could also write in a daily journal (for note-taking or for feelings), which would automatically fill in the date for them, allowing easy tracking of notes. Another possible stretch goal would include stickers unlockable with the points system which could be placed on journal entries.