

## **Project Proposal**

**Course Title:** Advanced Software Engineering (WiSe23)

**Submitted to:**

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**Project Title:** Personal Task Manager**Introduction:**

We naturally maintain our tasks and daily schedules on our own diaries, digital notebooks or any other complex and integrated systems available on the internet. But it is not always enough to simply use the pre-existing solutions. Thus, there is a need to have such a system with simple, handy and easy access to organize tasks in a well-arranged manner and get an easy life.

**Purpose Statement:**

The purpose of this project is to

- provide a simple yet useful tool to keep our schedules and tasks organized along with notification alerts.
- keep informing the uncompleted tasks and daily useful habits.

**Target customers:**

- Parents: Parents both working and staying at home can schedule and maintain their daily activities and hustles like office tasks, meetings, children's tasks, household groceries, healthcare routine, etc.
- Students: Students can maintain their study routine, assignment deadlines, meetings and social staff.

**Project Details:**

- The product provides a web interface and/or Android web application.
- A user can access the schedule anytime from anywhere.
- It is required to sign in to the system. After that, the user might be able to make a schedule of tasks for a particular date and time.
- The user can have options for alerts if any task assigned is not accomplished at different times on that particular date.
- Tasks can be deleted and rescheduled.
- Users can have the option to add daily habit reminders like drinking water, learning German, reading motivational quotes, etc.

**Deliverables:**

- Requirements Specification
- Design Diagrams
- Prototype
- User Manual
- Finished products (GitHub links)

**Timelines:**

- Deliverable 1: 1st Prototype in the GitHub link - November 19, 2023.
- Final Submission: The whole project submission according to the requirement - February 18, 2024.

**Conclusion:**

With this application at hand, a person can get rid of the exhaustion with the details and loads of work. He/she will not only be more focused and productive but also get reminded of it. Thus can make the daily work a bit easier.