M02 Object-Oriented Programming using Java
Project Proposal

All-in-One Productivity Application
Group No:

01. Project Title: All-in-One Productivity Application

02. Project Description:

Productivity Application is a feature-rich productivity tool meant to support users in scheduling, managing projects, and overall productivity improvement. Task management, goal tracking, calendar integration, and motivating elements are all combined to give users the tools they need to maximize their time and accomplish their objectives.

03. Reasons for selecting the title:

The application " Productivity Application " sets out its goal as a productivity assistant that is concentrated on effective task management. It highlights how the application can help users become more efficient and skilled at managing their tasks.

04. The Novelty Identified:

Unlike other productivity apps on the market, Productivity Application provides a wide range of functions that are specifically tailored to the needs of contemporary users. It gives customers a single platform that combines goal tracking, task management, calendar synchronization, and motivational features to increase productivity and fulfill their objectives.

05. OOP Concepts going to be applied:

- Encapsulation: To maintain data integrity and modularity, information pertaining to tasks, goals, and user profiles will be contained within the proper classes.
- Inheritance: Subclasses can be used to represent several task types or motivational aspects by inheriting common behaviors and attributes from parent classes.
- Polymorphism: The program can employ polymorphic behavior to dynamically handle various task operations or motivating messages.

06. The technology stack used:

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