<div align="center">**Monthly Progress Report**</div>

Project ID: P077   **Date: 30 Aug 2025**
Project Title: AI-Driven System for Adaptive Learning Platform
Student names (with Roll no): Vaibhav Yadav (142201015) & Shreyas Vadthya (112201038)
Mentor/s: Dr. Sreenath Vijaykumar

Work done in the current month (Limit to maximum 2 pages):

We've made solid progress in setting up the foundation of our project. So far, we've balanced both technical planning and domain research, giving us a clear and well-prepared path for implementation. Here's a summary of what's been achieved:

- **Domain Research & Analysis**
- Looked into the GATE and CAT exam structures, since these form the core focus of the project.
- Collected and studied previous years' question papers to gain practical insights that will guide the design of useful and relevant features.
- **System Design & Architecture**
- Created a detailed ER diagram, based on the exam structures, to make sure our database design fits real-world needs.
- Finalized the technology stack after carefully comparing options, with an emphasis on speed, scalability, and modern best practices.
- **Workflow & Planning**
- Designed a comprehensive flowchart covering the full process flow, reducing chances of confusion later.
- Set up a structured payment plan to handle paid work transparently.

Completed all initial preparations, so the project is ready to smoothly move into the development stage.

Feedback from the mentor/s: Satisfactory

03/09/2025
Signature of the mentor/s with Date