

Keerthi.N Github link:

https://github.com/keerthi19hub/Agentic_AI_Project

Pragathi.BR Github link:

https://github.com/pragathidevanga/Agentic_AI_Project

Date: 20 – 12 – 2025 Day: Saturday

Today's Progress Report

Today, I worked on improving my Student Time Management AI prototype by adding both functional and intelligent features. The main focus was to make the system more flexible, helpful, and user-friendly for students.

Work Done Today:

- Implemented both online and offline working modes.
- Offline mode helps students use the system without internet.
- Online mode uses Google Gemini API for AI-based suggestions.
- Modified and improved the existing backend and frontend code for better performance and structure.
- Added a countdown timer for study sessions so students can track their focus time easily.
- Integrated AI-based study suggestions using Gemini, which guides students on how to study subjects more effectively.
- Implemented automatic timetable replacement when a student is unable to complete the planned schedule for the day.
- Added a re-plan / rescheduling feature, which dynamically adjusts the timetable based on missed tasks.
- Implemented safe progress saving, so student progress is not lost even after refreshing or closing the application.
- Generated a PDF report of the timetable and progress, which students can download and refer to later.
- Improved overall usability to ensure the system adapts to the student's learning pace.

Outcome

With these changes, the system now acts as an intelligent assistant rather than a fixed timetable generator. It can guide students, track time, suggest better study methods, and reschedule plans when required.

Next Steps

- Improve UI design further.
- Enhance AI responses for personalized learning.
- Add detailed analytics for student performance tracking.