Bachelor of Computer Application

TOPIC: AGENTIC AI – AI Study Planner

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1.Project Overview

The project aims to solve student time-management struggles by building an Agentic AI system that automatically plans, monitors, and adjusts study schedules based on performance. Unlike traditional planners, this system makes autonomous decisions to prioritize work and reduce student stress.

2. Accomplishments (Code Milestones)

We have successfully implemented the following core features:

- **Initial Plan Generation**: The system takes subjects and difficulty levels to create a balanced daily schedule.
- **Autonomous Observation & Action**: The AI "observes" whether a student completed a task and "takes action" by automatically increasing focus (adding time) to missed subjects.
- **Intelligent Urgency Analysis**: A new logic layer calculates exam deadlines and automatically raises the "Urgency Score," forcing the schedule to prioritize subjects with closer dates.
- **Progress Reporting & Motivation**: The code now calculates a completion percentage and provides personalized motivational feedback based on the student's success rate.

3. Innovation Aspect Check

The project is currently meeting its primary innovation goal: the AI does not just suggest a plan, but actively manages and improves it based on real student behavior. It has moved beyond a "simple chatbot" to a system that demonstrates true agentic autonomy by independently setting and adjusting goals.

Github Repository Link - https://github.com/faiz454/Agentic-AI-Project