

Due Right: A Student-Centered Intelligent Time Management System

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Declining academic performance represents a significant problem for modern students, and one of its primary causes is not the lack of educational resources, but rather ineffective time management practices and the absence of structured planning in the learning process. Despite the widespread adoption of digital technologies, existing planning and calendar applications are largely based on static schedules that fail to account for students' individual characteristics, including their psycho-emotional state, energy levels, and fluctuations in concentration. This creates a mismatch between planned activities and actual cognitive capacity, which ultimately has a negative impact on academic outcomes.

The project aims to address this problem through the development of an adaptive mobile application based on artificial intelligence. The main challenge of the project is the design of an intelligent system capable of continuously analyzing a student's condition and dynamically adjusting the learning process accordingly. To achieve this, natural language processing (NLP) technology is used to enable intuitive input of tasks and goals, along with a "mood and energy tracker" that collects subjective and behavioral data. The developed algorithm automatically allocates learning activities based on energy and focus levels and incorporates gamification elements to sustain motivation. The expected outcome of the project is the implementation of the system architecture and a functional prototype, demonstrating the technical feasibility of energy-based scheduling and its advantages over traditional static approaches.