# ABSTRACT

# AI-BASED PERSONALIZED STUDY PLANNER


## Abstract

This project proposes an AI-based personalized study planner designed to optimize students' learning schedules by tailoring study plans to individual subject difficulties, exam dates, and available study time. Utilizing a robust technology stack—HTML, CSS, and JavaScript for an intuitive frontend; Django/Flask for scalable backend management; a rule-based and ML-driven recommendation model for schedule generation—the platform aims to enhance study efficiency and academic performance. Key features include an AI-generated study scheduler that adapts based on subject difficulty and importance, a real-time AI-powered chatbot to address student queries, and productivity tracking to monitor study habits. By combining lightweight machine learning techniques with interactive web design, this project delivers a practical tool that empowers students to manage their time effectively and achieve their educational goals.


## Tech Stack

**Frontend** **:** HTML, CSS, JavaScript

**Backend** **:** Django/Flask

**AI** **:** ML-based recommendation model for schedule optimization

**AI-Chatbot** **:**API for explanations

## Done by:


ADVAITA S SHAMU ( AM.SC.P2AML24001)