PrepIQ – The AI powered StudyMate

Demo Video for System Simulation Link -

https://github.com/Eshita-Badhe/PrepIQ/blob/main/PrepIQ_Demo.mp4

Abstract

PrepIQ is an AI-powered study companion designed especially for students who often have no access to coaching classes, mentor, proper academic guidance or simply a companion, something commonly seen in rural areas. Many learners struggle not because of lack of talent, but because they do not have anyone to clear their doubts, plan their studies, or explain concepts in a simple, personalized way. Existing solutions doesn't align with specific syllabus, exam pattern or individual styles and often produce generic answers that do not help students in their preparation.

PrepIQ attempts to bridge this gap by combining artificial intelligence, document understanding, personalized study planning, and produce interactive offline-friendly learning tools into one unified platform.

Students can upload their study resources like class notes or syllabus and PrepIQ automatically understands the context to generate personalized notes, sample papers, quizzes, and a complete study plan. It provides a friendly chatbot and voice assistant that refers the uploaded notes. for the responses. To make learning enjoyable, PrepIQ includes gamification features such as streaks, progress badges, and small learning games like quizzes and flash cards.

The platform has been designed like a lightweight, Windows-style interface, so students feel comfortable navigating different tools.