

A Comprehensive Design of an AI Powered Student Assistant

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Abstract: *In this era, the education sector has been developed remarkably with the use of AI. Students should seek the help of some factors in order to guide them with respect to academics or career selection/growth. AI-powered student assistant serves as a solution for their problem. An AI-powered student assistant is a singular, intelligent, and useful personalized learning companion designed to support students through their academic journey. It provides homework assistance, explains complex concepts, creates quizzes, manages a study calendar, and gives immediate feedback-all to aid in making learning more effective and enjoyable. Available 24/7, it adjusts to particular needs and learning styles, enabling students to keep pace, enhance their performance, and build confidence across subjects. In this paper, we have designed an AI assistant which comprises a real-time AI chatbot, smart calendar reminder system, AI resume analyzer, and automated cover page generator which work together.*

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