

Campus Heaven: AI-Powered Student Accommodation and Services Hub

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Abstract: *The growing demand for student accommodations has led to inefficiencies in finding reliable housing near educational institutions. "Campus Heaven" aims to bridge this gap by leveraging AI and ML to provide a seamless accommodation and service hub for students. This paper explores the need, architecture, methodologies, and implementation details of the proposed system. The system integrates machine learning for sentiment analysis on reviews, an AI chatbot for assistance, and a comprehensive services module for student necessities. Key findings indicate that the platform improves user satisfaction by offering reliable service options and fostering community interaction among students. However, challenges related to user adoption and data privacy are noted. Future enhancements could include expanding service offerings and improving community engagement features..*

Keywords: Accommodations, AI Recommendation System, College Campus Services, Local Businesses, Student Housing, Sentiment Analysis, AI Chatbot