

Building a room rental search application

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Abstract: In the context of the high demand for stable accommodation among students and workers, this topic focuses on building a smart room-finding application. The main objective is to create a practical solution that helps users easily find rooms suitable for their needs and conditions. By integrating artificial intelligence and machine learning, this application not only provides fast search results but also optimizes the user experience through a friendly interface and accurate recommendation functions. The research methodology includes requirement analysis, system design, and real-world application deployment. The results of this topic not only provide a useful solution for the shared real estate market but also make a significant contribution to the field of technology development supporting housing search.

Keywords: Mobile application, Room rental search, Artificial intelligence, Machine learning, Shared real estate