



KISHKINDA UNIVERSITY

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DEPARTMENT OF CSE

Project Report

On

“HOSTEL MANAGEMENT SYSTEM”

A report submitted in partial fulfillment of the requirements for the

PROJECT OF Python

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CERTIFICATE

This is to certify that the project of python
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ABSTRACT

The Hostel Management System is a desktop-based application developed using Python and Tkinter to simplify and digitalize hostel administration. The system is designed to manage essential hostel operations such as room allocation, fee management, and complaint handling for both boys' and girls' hostels.

In this project, rooms can be created with specific capacities and assigned to students while ensuring that allocation rules are followed. A fee management module enables students to pay the hostel fee of ₹75,000 in up to three installments, with validations to prevent underpayment or overpayment. The system automatically tracks installments, outstanding dues, and generates a clear status for each student. Additionally, a complaint handling module allows students to log grievances, which administrators can review and resolve, thereby improving transparency and accountability.

To provide administrators with a comprehensive view, separate summary tables for boys' and girls' hostels display room details, student records, fee status, and complaints in real-time. The use of a graphical user interface ensures ease of use, with tab-based navigation, structured data tables, and color-coded indicators for quick understanding.

Overall, the system aims to streamline hostel management, reduce manual errors, enhance efficiency, and improve the student experience by integrating all essential hostel operations into a single user-friendly platform.

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