Hostel Management System

Front – End : Streamlit open source python based framework for developing and deploying interactive user interface.

Back – End : Python

Backend : MariaDB

A very intuitive and user friendly front-end developed for the student , hostel employees and the administer , gives it an edge above the others. The system helps you maintain the records of the students , the visitors , the employees working for the management , the food mess – laundry service – furniture maintenance in the hostel.

High efficiency due to use of triggers , stored procedures & functions to handle the data entries by user and to automate the process. Students could see their allocated rooms , room service and submit their complaints , also check their status of pending ones. Students have access to the student list and they know who have been allocated which room , helping them to search in which room their friend is in.