

NUST Stay

A HOME AWAY FROM HOME.



our team



Muhammad
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our project



Being a research-led University, NUST provides hostel facility to students who wish to stay on the campus. There are different hostels in NUST, and their administration is a BIG challenge. Our fellow students face many difficulties in sorting out their hostel issues and to approach the administration.

NUST Stay provides a smart solution to tackle most of these problems.

motivation

Hostel-lites are well aware of the situation of NUST Hostels. Students have to visit the admin multiple times to solve even the smallest issue. AND there's no channel known to students to submit complaints/suggestions. We came up with a tech-based solution to digitize the Hostels System in NUST, to facilitate the students as well as to improve the administration.

Working

design process

01

Discussion with hostel-lites to get info about the problems they face

02

Formation of structure the digital system based on suggestions from the students

03

Using programming knowledge to implement the structure to solve this administrative problem

techniques used

- Information gathering
- Requirements engineering
- Object-Oriented Programming
- Graphical User Interface
- Usage of pre-written packages

- Java
- MySQL
- JDBC
- Xampp
- Apache
- Netbeans
- Eclipse

technologies used

- Complaints
- Application submission
- In/out check
- Mess menu
- Mess bill
- Room service
- Room allocation
- Hostel newsfeed

features



outputs

Welcome to NUSTStay
A Home Away From Home!

Username

Password

Student Manager Warden

Logged in as Manager

Post in NUST Stay

Pending Applications

SUBJECT	by	View
Subject 1	Amanullah	<input type="button" value="View"/>
Subject 2	Haris Riaz	<input type="button" value="View"/>
Subject 3	Muhammad Kamran Janjua	<input type="button" value="View"/>
Subject 4	Raja Hasnain Anwar	<input type="button" value="View"/>
Subject 5	Shafay Ijaz	<input type="button" value="View"/>

Warnings

To:

Warning:

Details

Hostel:
Designation:
Room:
Reg:

Mess Students

Day	Menu
Monday	Alu Palak
Tuesday	Pulao
Wednesday	Chanay
Thursday	Biryani
Friday	Aalu Gosht
Saturday	Paratha
Sunday	Halwa Puri

what's next?

This project is a demonstration of a smart administrative system for hostels. It gives a gist of what can be achieved with such a system. We are certain that this system can be implemented in NUST Hostels for actual use.

If asked, we will be willing to build a complete working model of this system which can be used in NUST.

THE TEAM

project demo