Hostel Query Software

PROJECT SYNOPSIS

**Introduction:**

Hostel Query is a software where all the hostel Problems /Issues are resolved with this followed development.

**Objective:**

* Reduce paperwork
* Reduce operational time
* Increase in efficiency to resolve the problem
* No social gathering

This is software package helps the students staying at hostel to register the query through there mobiles/laptops. There is no need of physical form to register the complaint.

This plays a crucial role in this pandemic situation and paper will be avoided by all means.

**Scope:**

This project has a large scope as it has the following features which help in making it easy to use, understand and modify it: -

* Easy to online drafting.
* No Need to do Paper Work.
* To save the environment by using paper free work.
* To increase the accuracy and efficiency of the placement procedure.
* Management of Student Data.

**Project category:**

This project belongs to the category of management and action of the well-being of the student’s life in hostel.

All the hostel-students can access this dynamic website and post their query andalso they can review their status after being resolved.

**Tools & Technology:**

**NodeJS**: - Nodejs is a programming language used in all kinds of software but majorly used for back-end scripting, It’s originated from chrome’s JavaScript engine known as “V8” later-on it was implemented in all the operating systems for programming/application means

We have used this NodeJs to connect the MySQL to User end-face, NodeJS plays a major role in connecting the user to the backend stage and access all the previous query that has posted.

**MySQL**: - MySQL is a RDMS used to manage and operate the data from user to backend. This is where all data is collected and displayed in dynamic webpages.

**ExpressJS**: - It is a minimal and flexible Node.js web application framework that provides a set of features for web and mobile applications.

**Assumption taken:**

As We are facing lot of issues in solving our problems,we assume that we can prevent all the human errors and be more efficient to resolve the problems with quick response.

**Details handled:**

We handle all the Problems, status of the problem, student information, Warden Register data.

**Sample Scenarios:**

For example, a student named Ashok has a problem in accessing the elevator (Not Working) he can immediately open the website and login to his portal and post the query and edit the action to alert and submit it after submitting the query he get an Unique problem/post id which he can use to see the status of the problem and submit the feedback after the problem is resolved by the hostel warden or respected staff.Here the warden/the respected staff has to give him response as the problem is solved or viewed or on-going from admin side.

**NOTE\***THIS PROJECT IS COMPLETELY IMPLEMENTED REAL LIFE BASED SITUTAION WHERE NOT ONLY SRM UNIVERSITY BUT MANY OTHER COLLEGES AND OTHER ORGANIZATIONS CAN USE THIS.