**Project Abstract**

**on**

**Hostel Management System**

**ABSTRACT**

We are developing a Web application named as “**Hostel Management System**” and this web application is used to manage the all actives related to Hostel. Hostel management system is designed to manage all hostel activities like hostel admissions, fees, room, mess allotment, hostel stores & generates related reports for smooth transactions. It is also used to manage monthly mess bill calculation, hostel staff payroll, student certificates, etc.

Hostel management system or portal is a newly development software that helps together the information of student. The system that is developed which helps the users to get rid of all paper works and could able to handle the things easier and quicker.

**EXISTING SYSTEM**

In existing, we need to maintain by either paper work or by Excel sheets, CSV etc.. In existing, there is no as such complete solution to keep a track of student transactions easily and details with history. To do so a person as to keep a log in a book of pages or in a computer, both these traditional ways are very time consuming so to overcome this problem we introduce this system as Hostel Management System.

Key Feature:

1. **Accurate Student Data Management**
2. **Complete Student Security**
3. **Online Admission and Fees Management**
4. **User-Friendly**
5. **Availability**

**SOFTWARE AND HARDWARE SPECIFICATIONS**

**HARDWARE REQUIREMENTS:**

|  |  |  |
| --- | --- | --- |
| Processor | : | Intel P-IV based system |
| Processor Speed | : | 2.0. GHz |
| RAM | : | 1GB |
| Hard Disk | : | 40GB to 80GB |

**SOFTWARE REQUIREMENTS:**

|  |  |  |
| --- | --- | --- |
| Database | : | MySQL |
| Server | : | Apache  |
| Frontend | : | HTML |
| Scripting language | : | Java Script |
| IDE | : | Sublime |
| Technology | : | PHP |

**PROJECT OVERVIEW**

**Hostel Management System**

Hostel Management system is developed with aim to provide ease and feasible solution to the owner of the software / hostel to manage and keep track of the hostel. Checking room availability, allocating room to student and hostel fees visitor records maintenance is not possible with paper to overcome all such above listed problem we develop this system as Hostel Management System.

**Following are the module of the system.**

* **Admin module**
* **User module**

#### Admin Module

* **Login –** This module is used for admin login.
* **Dashboard –** Admin dashboard related total students, total rooms, total courses.
* **Course Creation-** Admin can add and manage course(Add, edit and delete)
* **Rooms-** Admin can create rooms(seater, fees)(Add, edit and delete)
* **Students Registration-** Admin can register student profile.
* **Manage Student-**(View and Delete)
* **Admin Profile**
* **Change password**
* **Access log-** admin can see user login access details
* **Logout**

#### ****User Module****

* **User Registration**
* **User login**
* **User forgot Password**
* **User Profile –** User can update own profile after login
* **Change Password –** Allow user to change the password.
* **Book Hostel –** User can book own hostel
* **Hostel details :** user can see own hostel details
* **Access log :** User can see own login access log
* **logout**