*SYNOPSIS*

**Project Name :**

HOSTEL ACCOMMODATION SYSTEM

**Course :** CSE-326

(INTERNET PROGRAMMING LABORATORY)



SUBMITTED BY :

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**INTRODUCTION**

“ONLINE HOSTEL MANAGEMENT/ACCOMODATION SYSTEM” is a software developed for managing various activities in the hostel. For the past few years the number of students residing inside LPU is increasing rapidly. Thereby the number of hostels is also increasing for the accommodation. And hence there is a lot of strain on the person who are running the hostel and software’s are not usually used in this context. This particular project deals with the problems on managing a hostel and avoids the problems which occur when carried manually. Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented. We can improve the efficiency of the system, thus overcome the drawbacks of the existing system

**DESCRIPTION**

 This Hostel Accommodation System is developed in favour of the hostel management team which helps them to save the records of the students about their rooms and other things. It helps them from the manual work from which it is very difficult to find the record of the students and the information about those ones who had left the hostel years before.

This solution is developed on the plight of the hostel management team, through this they cannot require so efficient person to handle and manage the affairs of the students in the hostel, all you need to do is to login as administrator and you can see the information of all the students who have obtained and registered their hostel form, click verify to ascertain their eligibility and allocate them to the available hostel.

Identification of the problems of the existing hostel management leads to the development of computerized solution that will be compatible to the existing hostel management with the solution which is more users friendly and more GUI oriented. We can improve the efficiency of the hostel management, thus overcome the drawbacks of the existing management.

**OBJECTIVES**

The main objectives of this project work are that :

* Student will no longer apply for their hostels manually.
* The warden can see and access the student’s data.
* This also will reduce the manual work of the persons in admin penal.
* It helps the admin to know the number of students that can leave in a room and a block.
* To ensure that the number of student staying in a room does not exceed specified limit.
* Help the admin to disseminate information to students without calling for a meeting or moving room b room.
* To know the number of items (e.g. bed) given to student staying in the hostel
* To ensure that student remit the hostel property given to them before vacating the hostel.

The system helps the admin to:

* Allot different students to their different hostels.
* Vacate the student from the hostels
* Control the status of the hostel fee payment.
* Edit the details of the students and modify the students records.

**REQUIREMENT ANALYSIS AND SPECIFICATIONS / RMS**

Functions and features delivered to the end users. The end users of the proposed system are:

* USER MODULE :

This helps the administrator and user to login to homepage only if password and username

matches.

* CHANGE PASSWORD MODULE :

Allows the user to change the password.

* STUDENT MODULE :

This module is used to store student details i.e. information like profile details, contact

information, educational details etc. Users can search according different criteria such as

name, course, room number etc.

* ROOM ALLOTMENT MODULE :

This deals with allocation of room to students according to education details, section or

course. Rooms will be allocated to students and an ID will be generated for it. It will display

details students staying in the room or rooms. When a student leaves the room after the

semester, the left date will be also saved.

* ROOM FEES MODULE :

This displays fee records, student dues status and balance amount status. It is also used to

renew students rent every semester.

* MESS BILL MODULE :

This module keeps track of all transactions related to mess. The mess item expenditure for

each student is calculated every month and mess bill for each student is calculated and

displayed.

* VISITORS MODULE :

This allows the visitor details to view the visitors depending on various search criteria.

* REPORT GENERATION MODULE :

This is provided to view summary detail regarding hostel fees and bills. Students can check

hostel fees and bill details by entering the unique hostel ID.

* SETTINGS MODULE :

In this module, only the administrator can access. Administrator has a unique account with

much special access and permissions over normal users. Module allows add, edit, delete and

employee records, building block information, room details, course details etc.

* ELECTRICITY MODULE :

This deals with the electricity consumption of each student in each room where a student is allotted with certain specific number of units to be consumed.

**ADMINISTRATOR**

* The Administrator can allot different students to the different hostels.
* He can vacate the students for the hostels.
* He can control the status of the fee payment.
* He can edit the details of the students and change their rooms, and delete the student records.
* He can edit the news board
* He can check the complaints
* The Hostel Secretary can make the Mess menu, mess bill & hostel bill

Hostel accommodation system is divided into two modules.

1. Admin module
2. 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

**CONTACT US**

Through this contact us platform students can contact or communicate with the Hostel Accommodation System via online or offline by listing out their issues regarding their respective Hostels and also can give their feedback if they think that any of the services need to be improved.

**CONCLUSION**

* This project offers user to enter the data through a simple, eco-friendly & interactive manner.
* User is provided with the option only to view the records which he/she has entered earlier.
* Data storage and retrieval will become more faster and easier to maintain