Minor Project- Report

Aug-2022

Course Faculty:

Course Name & code: DBMS Laboratory with Mini Project(19CS4DLDBL)

Semester:4

Date:7/7/22

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| TITLE OF THE PROJECT | Hostel Management System | | | |
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| STUDENT NAME | Pratisha F | Prutha V | Rachana K |  |
| USN | 1DS20CS153 | 1DS20CS157 | 1DS20CS160 |  |
| INDIVIDUAL  CONTRIBUTION | I have included the attendance and the visitor's log for the admin and have included the payment methods for both the student and admin. | I have included the staff details in both the admin as well as the student side which has information about the job, contact no, and the working hours of the staff. | I have included several facilities for the student or admin to choose from when booking a room and also display the total cost for booking the room in room details |  |
| GUIDE | Prof Anupama Girish | | | |
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| PROJECT ABSTRACT: | This project focuses mainly on hostel booking and its management.  We have created a website for this purpose and there are mainly two entities- The admin who controls the entire system and the student.  Admin Panel: The main role of the admin is to look after the functioning of the entire system which includes managing student details, hostel booking, room details, course details such as course name and code. In addition, it is also the job of the admin to enter the room number, decide the room’s capacity and its pricing and to specify the cost of the additional facilities like food, laundry etc.  Student Panel: The student can book room, select duration of stay and opt for additional facilities through the website.  The available features are   * Admin panel * Student panel * Student registration * Hostel booking * Room details * Course management * Account settings * Attendance Log * Visitor Log * Staff Log   There is also a dashboard which provides details of the number of registered students, number of rooms occupied and unoccupied and also the number of available courses. | | | |
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| INTRODUCTION | This project deals with problems of managing a hostel and the errors that occur when done manually. By creating a computerized system which is more user friendly and GUI oriented we have not only made the management easier but also increased its efficiency. | | | |
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| DESIGN | System Design  Login Page    Admin Login  Student Login      Register Student  Book Hostel      View Student  Room Details  Account Settings    Book Hostel    Log Out    Hostel Student List  Log Activities      Manage Rooms  Staff Details      Manage Courses    Manage Attendance    Manage Visitors    Manage Staffs  E-R Diagram | | | |
| PLATFORM USED  (H/W & S/W TOOLS TO BE USED | Hardware Tools:1) Processor-Intel (X-64 basedProcessor)  2)RAM-4GB  Software Tools: Xamp Server  Front end: Html, CSS, JavaScript  Backend: MySQL, PHP | | | |
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| PROJECT SOURCE CODE LINK (GITHUB/ GOOGLE DRIVE) | https://drive.google.com/drive/folders/1i4LAZAFXI8pmvFrzbQ-cOEfP4i6Hp894?usp=sharing | | | |
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| CONCLUSION /FUTURE ENHANCEMENT | Checking of attendance of the students through a biometric system. Adding intime and out time of students.  To automate the calculation of total cost. | | | |
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| UI SCREENSHOTS |  | | | |