**Department of Computer Science**

Mid Semester Project Proposal, Spring 20-21

|  |  |  |  |
| --- | --- | --- | --- |
| Course Title | 00818 - WEB TECHNOLOGIES | Section | J |

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Student ID | Name | Signature |
| 19-39480-1 | TALHA ZUBAER |  |
| 19-40550-1 | MD. FARHAN TANVIR |  |
| 19-40551-1 | MD. FAISAL ANJUM |  |
| 19-40555-1 | SABRINA NASRIN SAIMA |  |

**Project Title:**

|  |
| --- |
| HOTEL MANAGEMENT SYSTEM |

**Short Description:**

|  |
| --- |
| Admin:   1. Login/Logout 2. Sign In/Signup 3. Change Password 4. Session/Cookies 5. Profile (View/Edit) 6. Add/Remove Manager 7. Finance & Report Management (View) 8. Details (Manager/Receptionist/User) 9. Manager Request verify & Approval 10. View Salary 11. Publish job circular 12. View Ratings   Hotel Manager:   1. Login/Logout 2. Sign In/Signup 3. Change Password 4. Session/Cookies 5. Profile (View/Edit) 6. Payment History (View) 7. Booking Room Approval 8. Room modification 9. Add/remove Receptionist 10. Event Management 11. User Information 12. Check room availability.   Receptionist:   1. Login/Logout 2. Sign In/Signup 3. Change Password 4. Session/Cookies 5. Profile (View/Edit) 6. Dinning Management 7. Room cleaning/Service 8. Check in/Check out 9. Payment History 10. Complain and problem 11. Dealing special request 12. User Details   User:   1. Login/Logout 2. Sign In/Signup 3. Change Password 4. Session/Cookies 5. Profile (View/Edit) 6. Booking Room 7. Special Request (VIP) 8. Payment Method 9. View Food Menu 10. Facilities 11. Select Event Type 12. Complain/Feedback     Here, we want to develop a Hotel Management System. The main purpose of our project is to build this website is to easily inter connected with each other and employee’s activity in computerized way rather than manually which is time consuming. From our system, any visitors can book a room before their arrival and here room activities are very safely. There are four types of actors who are able to connect through website such as Admin, Hotel Manager, Receptionist and User.  Firstly, an admin can login/logout to the website. He can also able to registration through sign in or sign up into the webpage and he can change his password at any time whenever he wants. There are session and cookies to store information. An admin can edit or view his profile. He can also able to add and remove manager. He will be able to see the profit/loss of his business which is finance and report management and also the details of the manager, receptionist and user. He can manage to verify and approval request of the manager when manger will need any permission. He can also able to view the salary of the manager and the service rating of the customer and he will be able to published job circular when he needs any manager or receptionist.  Secondly, A hotel manager can login/logout, sign in/signup, view profile and change password from the website whenever he wants as like admin. There are also session and cookies to store information. Again, he can able to view or edit his profile and able to see the history of his payment. He books the room after checking the availability of the room with the approval and can modify the room when it needs modification. He can add or remove receptionist after taking the permission of the admin. He can organize many events in the hotel and can see the user information.  Thirdly, A receptionist can login/logout, sign in/signup, view profile and change password from the website whenever he wants as like admin and manager. Here is session and cookies which are used to store in the backhand of the website. Receptionist also manage the dinning to serve the food and also manage the room cleaning and other service to the customer. Again, he can also check in and check out the users when the users enter or leave the hotel and checks his payment history and also view details of users that what users need. He mange the complains and problems of the user and deal with the special request of the hotel for VIP.  Lastly, A user can log in/log out from the website after completing the registration through sign in or sign-up option. Users can change his password at any time. Session and cookies feature is used to store information of the user in the backhand part. A user can view and edit his profile. He will book the room through this website. There is a special request option for the VIP User. There is an option of payment method which is used to clear all the payments of the services of the hotel and he also able to view food menu and can enjoy facilities of the hotel. He can able to select the event type whatever he wants and he can also give his valuable feedback or review and any complains.  So, by our system employees can manage their tasks easily which will save the time and our system is always free to solve the problem and complains of the users. So, this system will build up the strong correlation with the users. |