**Department of Computer Science**

Mid Term Project Proposal, Fall 19-20

|  |  |  |  |
| --- | --- | --- | --- |
| Course Title | ADVANCED PROGRAMMING IN WEB TECHNOLOGIES | Section | A |

**Group Members:**

|  |  |  |
| --- | --- | --- |
| Student ID | Name | Signature |
| 17-33853-1 | S M Abdullah Shafi |  |
| 17-33278-1 | Mahmudul Hossain |  |
| 17-34140-1 | Md. Rakibuzzaman Tanvir |  |
| 17-34153-1 | Md.Raisul Islam Anik |  |

**Project Title:**

|  |
| --- |
| Property Rental Management System |

**Short Description:**

|  |
| --- |
| Four types of user: 1. Admin 2. Moderator 3. Employee 4. Customer  Common Features for all users:  1. All user can Login/ Logout to the system.  2. Can view Place, Rooms, Price  3. Can see featured post  4.Can search.  Admin Functionality:   1. **Admin can Login/ Logout to the system. (Table: customer)**   **-**Admin can login to the system to view his dashboard.  URL: <http://localhost:3000/login>  **2. Can see featured post. (Table: property)**  **3. Can view all messages.(Table: message)**  **-**Admin can view all the messages that sends or receives to the system.  URL: <http://localhost:3000/home/view_message>  **4. Can change Ranking of property.(Table: property)**  **5. Can add/ delete/ update Moderators. (Table: customer)**  **-**Admin can add, delete or update any moderators.  URL: <http://localhost:3000/home/addUser>  URL: <http://localhost:3000/home/delete>  URL: <http://localhost:3000/home/edit>  **6. Can add/ delete/ update Employees. (Table: customer)**  **-**Admin can add, delete or update any employees.  URL: <http://localhost:3000/home/addUser>  URL: <http://localhost:3000/home/delete>  URL: <http://localhost:3000/home/edit>  **7. Can answer all receive message from customer. (Table: message)**  **-**Admin can reply to customer.  URL: <http://localhost:3000/home/view_message>  **8. Can approve the post request of customer. (Table: property)**  **-**Admin can approve the post request of customer.  URL: <http://localhost:3000/home/index>  **9. Can reject the post request of customer. (Table: property)**  **-**Admin can reject the post request of customer.  URL: <http://localhost:3000/home/index>  **10. Can view all History about property. (Table: property)**  **-**Admin can see the post details.  URL: <http://localhost:3000/home/view_property_detail>  **11. Can view all types of user’s Profile. (Table: customer)**  **-**Admin can see all types of user’s details.  URL: <http://localhost:3000/home/user_detail>  **12. Can handle the max request of customer’s post.(Table: customer)**  **13. Can see all active property.(Table: property)**  **-**Admin can see all active properties of every customer.  URL: <http://localhost:3000/home/user_active_posts>  **14. Can view all property that have already rented.(Table: proeprty)**  **-**Admin can see all rented properties.  URL: <http://localhost:3000/home/view_property>  **15. Can see the most visited property.(Table: property)**  **16. Can see the customer’s feedback.(Table: message)**  **-**Admin can see messages sent to him from customers.  URL: <http://localhost:3000/home/view_message>  Moderator Functionality:  1. Moderator can Login/ Logout to the system.  2. Can view all Customer details.  3. Can view all Employee details.  4. Can view list of all added property.  5. Can search property.  6. Can approve the post request of customer.  7. Can reject the post request of customer.  8. Can see/answer all receive message from customer.  9. Can see all message between customer to customer.  10. Can see the customer’s feedback.  11.Can delete employees.  12. Can see featured post.  13. Can see all active property.  14. Can view all property that have already rented.  15. Can see the most visited property.  Employee Functionality:  1. Employee can Login/ Logout to the system.  2. Can view all Customer details.  3. Can see all the history.  4. Can view list of all added property.  5. Can search property.  6. Can approve the post request of customer.  7. Can reject the post request of customer.  8. Can see/answer all receive message from customer.  9. Can see all message between customer to customer.  10. Can see the customer’s feedback.  11.Can see the rank.  12. Can see featured post.  13. Can see all active property.  14. Can view all property that have already rented.  15. Can see the most visited property.  **Customer Functionality:**   1. **Customer can Register to the system. *(Table: customer)***   **-** If a customer is a new one and want to upload property, then he can Register in the  System**.**  URL: <http://localhost:3000/registration>   1. **Can login/logout to the system. *(Table: customer)***   -User can login use their username and password because username is unique.  URL: <http://localhost:3000/login>   1. **Can search by using location/price/tittle/flat type/no of flat. *(Table: property,***   ***property\_picture)***  - When a customer search then he will get the desire one and if the desired one isn’t in  database then it won’t show anything.  URL: <http://localhost:3000/home/Customer_Home>  **4. Can reset password (before login).**  - Given password isn’t correct one then the user can reset it.  URL: <http://localhost:3000/login>   1. **Can change password (after login). *(Table: customer)***   **-** Can change the password when the user wants after login.  URL: <http://localhost:3000/home/Change_Password>  **6. Can upload picture for each property. *(Table: property, property\_picture)***  **-** At the time of uploading a property user can upload a picture.  URL: <http://localhost:3000/home/Customer_Upload>  **7. Can give Feedback to system. *(Table: message)***  - Is there any problem in dealing with the other user or any query then the user can send  message to the system**.**  URL: <http://localhost:3000/home/Customer_Feedback>  **8.Can see Profile. *(Table: customer)***  **-** After login every user can see his details.  URL: <http://localhost:3000/home/Customer_Profile>  **9. Can update profile. *(Table: customer)***  **-** After login every user can update his profile except username and id.  URL: <http://localhost:3000/home/Customer_Edit_Profile>  **10. Can Delete post. *(Table: property, property\_picture)***  **-** If the customer has any previous post then he can delete the post.  URL: <http://localhost:3000/home/Customer_Delete>  **11. Can see most visited post. *(Table: property)***  **-** Can see most clicked post.  URL: <http://localhost:3000/home/Customer_Home>  **12. Can send email to communicate with the owner of property. *(Table: customer)***  **-** Can see email address of the owner and can send email.  URL: <http://localhost:3000/home/Property_details/1>  **13. Can communicate with owner through phone call. *(Table: customer)***  **-** Can see phone number of the owner and can send call.  URL: <http://localhost:3000/home/Property_details/1>  **14. Can update property. *(Table: property)***  **-**Registered user can update or change all the details if he uploaded any property  previously.  URL: <http://localhost:3000/home/Customer_Edit_F/16>  **15. Can view details of the property. *(Table: property)***  **-** After clicking the specific property user can see the details of the property.  URL: <http://localhost:3000/home/Property_details/11>  **16.Can save one property as sold/rented. *(Table: property)***  **-** Can save specific property as sold or rented is he wants.  URL: <http://localhost:3000/home/Customer_Edit> |