**OOP Group Task**

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**HOUSE RENTING SYSTEM**

**Abstract**

In this project “House Rental System” is a house rental and property listing project. This web application helps user to register individual home or apartment to assist you in finding the perfect rental home or property. Also you can find your next rental from search view in your targeted area. In this project two major modules that have been provided are administrator module and user module.

**Objective**

The objective of this project entitled “House Rental System” is to provide a user friendly and easily understandable GUI to manage the details of House, Rent, Customer, Payment, House status. It manages all the information about House, Rent, and Booking and house status. This project also helps users to search home on rent in particular city.

**Goal**

* Providing the home searching facilities based on various factors.
* Shows the information and description of house, owner and customer.
* Tracks all the information of rent, booking and payment etc.
* Manage the information of house.
* Manage the information of owner.
* Mange the information of customer.

**Need Of The System**

There is always a need of a system that will provide the online searching of home on rent and also provides facility to home owners to post information of home on rent.

The system will override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system.

**Admin Modules**

* Manage(View/Delete)Users
* Manage(View/Delete) House Ads
* Accept or reject House Ad Request
* Change Password

**User Modules**

* Upload House Details
* Search House Via City
* View House Information
* View Owner Profile
* Edit Profile
* Change Password

**Purpose**

* Users can search home on rent by selecting city.
* Users can view the home details and owner details
* Admin can manage the customer and owner
* House Owner can upload the house details and pics of house and rent information.

**Sample**

 Text username = new Text("User Name: ");

        username.setX(150);

        username.setY(218);

        username.setFont(Font.font("Times New Roman",16));

        adderuser.getChildren().add(username);

        Text newpass = new Text("New Password:   ");

        newpass.setLayoutX(10);

        newpass.setLayoutY(-100);

        newpass.setFont(Font.font("Times New Roman",18));

        changePass.getChildren().add(newpass);

        PasswordField newPassfield = new PasswordField();

        newPassfield.setLayoutX(150);

        newPassfield.setLayoutY(-120);

        changePass.getChildren().add(newPassfield);

        Text confirmNewPass = new Text("Confirm New Password: ");

        confirmNewPass.setLayoutX(-40);

        confirmNewPass.setLayoutY(-50);

        confirmNewPass.setFont(Font.font("Times New Roman",18));

        changePass.getChildren().add(confirmNewPass);

        PasswordField confirmnewpassfield = new PasswordField();

        confirmnewpassfield.setLayoutX(150);

        confirmnewpassfield.setLayoutY(-70);

        changePass.getChildren().add(confirmnewpassfield);

        TextField userNameField = new TextField();

        Text forloginname = new Text("Areeb");

        userNameField.setLayoutX(250);

        userNameField.setLayoutY(200);

        adderuser.getChildren().add(userNameField);



