



ONLINE PROPERTY MANAGEMENT SYSTEM

Group Members

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❖ INTRODUCTION :

Real estate is a type of business for selling, buying, renting land, buildings and offices. Real estate agencies duties include, to give the property on rent or else to sell the property. Properties like building, retail sites, flats, houses, bungalows etc. Many people search for property for many purposes like residence, offices, faculty and etc. Every individual wants his house to be in the best location with best facilities. Offices should be near market area in order to increase sales and productivity. The manual real estate agency follows a lengthy and hectic process. People need to meet the agent in person, for checking the Property details and also needs to visit the location. It takes long time to look for the desired location and desired type of property.

So, to tackle all of the above problems we came up with **Online Property Management System (OPMS)**.

Main Target group or we can say clients/users of our system are Buyer and Seller

❖ SAILENT FEATURES OF OUR SYSTEM:

- Seller can list his property along with its property details.
- Buyer can see all the property
- Buyer can also buy the property from the listed properties
- Buyer can also comment on the listed property
- Admin can also view all listed clients and property
- Admin can manage listed property, comments

❖ TECHNOLOGIES USED:

- Mysql
- Javafx

❖ STEPS TO RUN SOFTWARE

- To create database schema.
To do this, you have to run the sql script which is present in project file.
- To run the software.
You have to execute the "main.java" file

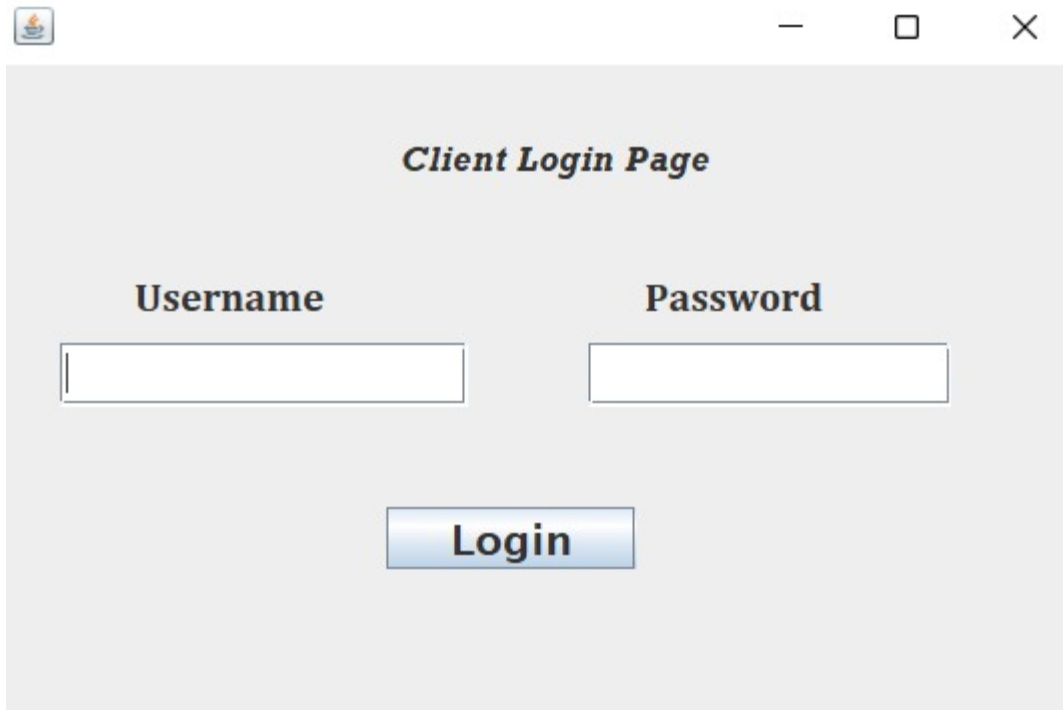
❖ USER GUIDE:

When you run the software First we see is Welcome page that consists of Client Login , Admin Login, Client Registration



A. If "Client Login" is chosen:

Now the client has login by entering his login credentials.

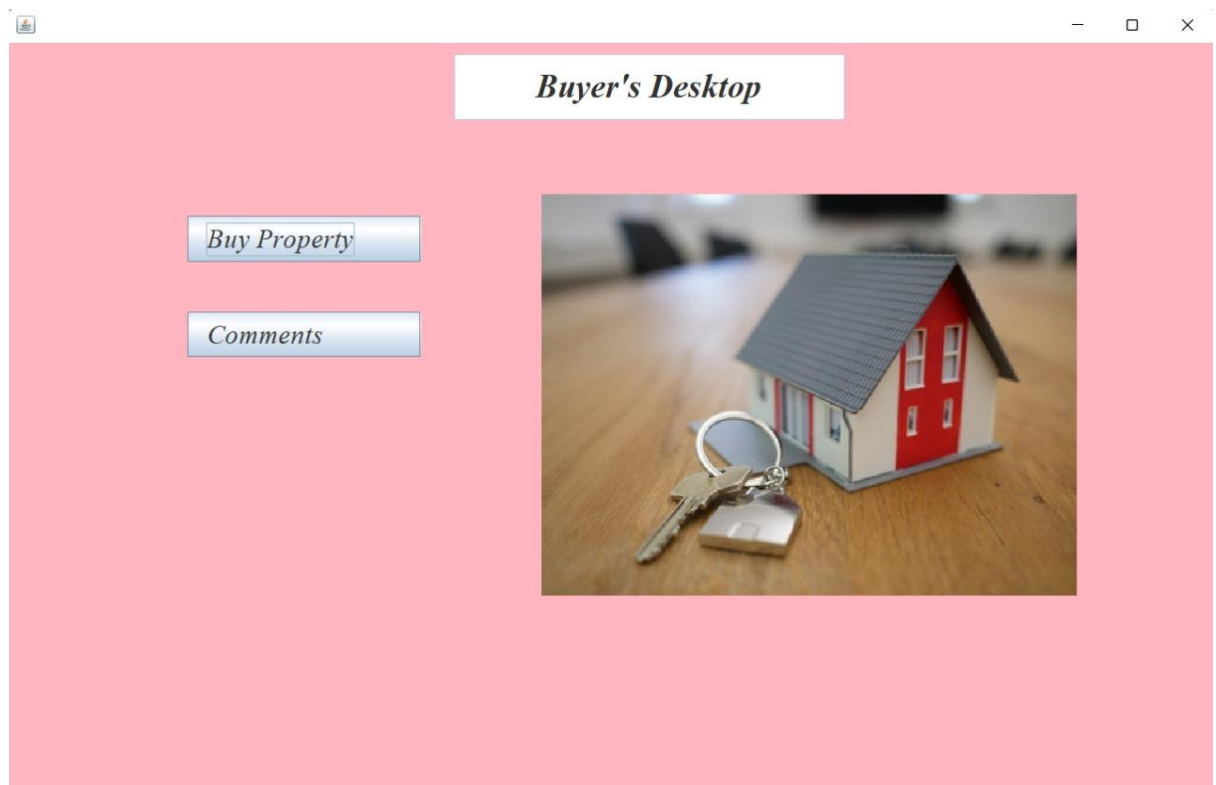


A screenshot of a web application window titled "Client Login Page". The window has a light gray background and a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area contains the title "Client Login Page" in a bold, italicized font. Below the title, there are two input fields: "Username" on the left and "Password" on the right. Both fields are empty and have a thin black border. Below these fields is a blue button with the text "Login" in white, bold font.

Now if the client is buyer different user interface is opened and if its seller different user interface is opened

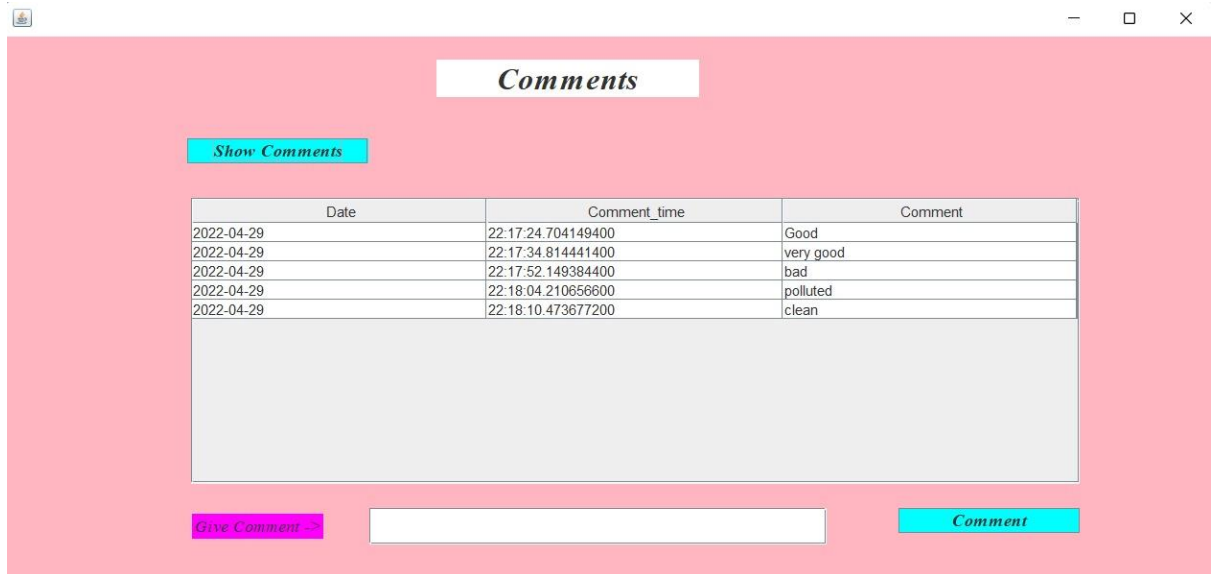
BUYER SECTION

Then, the buyer has to choose one option from Comments, Buy a property in order to proceed further



A screenshot of a web application window titled "Buyer's Desktop". The window has a pink background and a standard Windows-style title bar with a minimize button, a maximize button, and a close button. The main content area contains the title "Buyer's Desktop" in a bold, italicized font. Below the title, there are two buttons: "Buy Property" and "Comments". Both buttons are blue with white text. To the right of the buttons is a photograph of a small, white and red toy house with a gray roof, sitting on a wooden surface. A set of keys is placed in front of the house.

- a. If "Comments" is chosen:
Here all comments are shown



The screenshot shows a window titled "Comments" with a pink background. At the top, there is a cyan button labeled "Show Comments". Below it is a table with three columns: "Date", "Comment_time", and "Comment". The table contains five rows of data. Below the table is a large, empty text area for adding a comment. At the bottom, there is a cyan button labeled "Give Comment ->" followed by a white text input field and a cyan button labeled "Comment".

Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean

Here buyer can add comment also



This screenshot is identical to the previous one, but the white text input field at the bottom now contains the text "nice environment".

Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean

Comments

Show Comments

Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean
2022-04-29	23:37:58.176311900	nice environment

Give Comment ->

nice environment

Comment

b. If "Buy a property" is chosen:

Here all properties listed are shown and you can buy any property

Property Details

Show Property

name	address	description	price	property_type	property_status
Godrej prime	Koba ambapur rd gan.	"2bhk thane westMum...	5000000	Flats	unsold
vatika villas	GIDC makarpura vad.	"2bhk kerala Ottapala...	4900000	Flats	unsold
bansari complex	a2 kalali pratapgarh M.	"shop complexgandhi...	3000000	Flats	unsold
decora hieghts	siyachaur mohamdab.	"3bhk flat Ahmedabad"	6000000	Plots	unsold
silver hieghts	karchana gandhinagar.	"2bhk flat Rajkot"	4000000	Plots	unsold

Buy Property

You have to enter property no to buy property

— □ ×

Buy Property

Enter the row number of property you want to buy!!

Continue

Enter payment details :

— □ ×

Payment Details

Enter needed payment details

<i>Account number</i>	<input type="text"/>
<i>Amount</i>	<input type="text"/>
<i>Transaction number</i>	<input type="text"/>

Pay

SELLER SECTION

Then, the Seller has to choose one option from Property Details, Comments, Add property in order to proceed further



- a. If "Property Details" is chosen:
Here details the of all listed property are shown

The screenshot shows a window titled "Property Details" with a pink background. At the top left, there is a cyan button labeled "Show Property". Below it is a table with 6 columns: name, address, description, price, property_type, and property_status. The table contains 6 rows of property data.

name	address	description	price	property_type	property_status
Godrej prime	Koba ambapur rd gan...	"2bhk thane westMum...	5000000	Flats	unsold
vatika villas	GIDC makarpura vad...	"2bhk kerala Ottapala...	4900000	Flats	unsold
bansari complex	a2 kalali pratapgarh M...	"shop complexgandhi...	3000000	Flats	unsold
decora hieghts	siyachaur mohamdab...	"3bhk flat Ahmedabad"	6000000	Plots	unsold
silver hieghts	karchana gandhinagar...	"2bhk flat Rajkot"	4000000	Plots	unsold

- b. If "Comments" is chosen:
Here all comments are shown

Comments

Show Comments

Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean

Give Comment ->

Comment

Here Seller can add comment also

Comments

Show Comments

Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean

Give Comment ->

nice environment

Comment

Comments

Show Comments

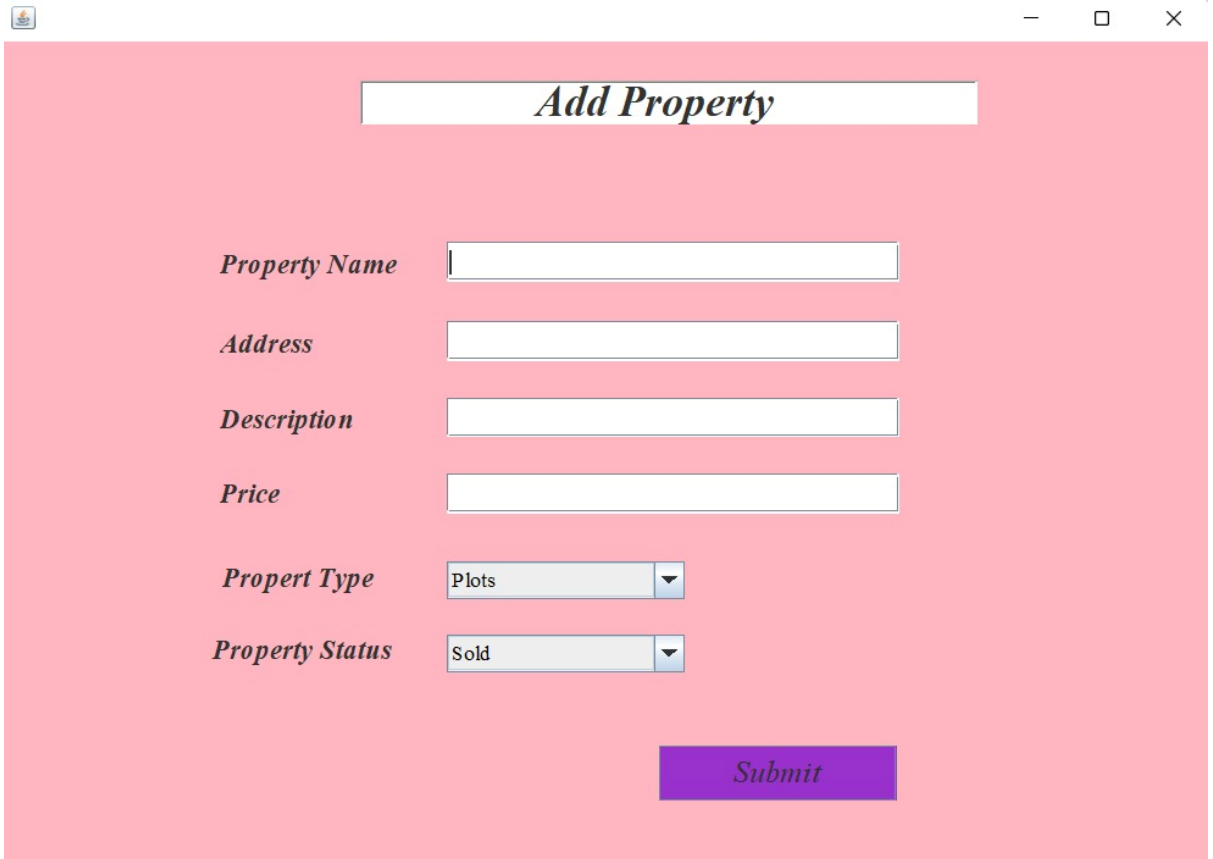
Date	Comment_time	Comment
2022-04-29	22:17:24.704149400	Good
2022-04-29	22:17:34.814441400	very good
2022-04-29	22:17:52.149384400	bad
2022-04-29	22:18:04.210656600	polluted
2022-04-29	22:18:10.473677200	clean
2022-04-29	23:37:58.176311900	nice environment

Give Comment ->

nice environment

Comment

- c. If "Add a property" is chosen:
Here enter property details to add property,

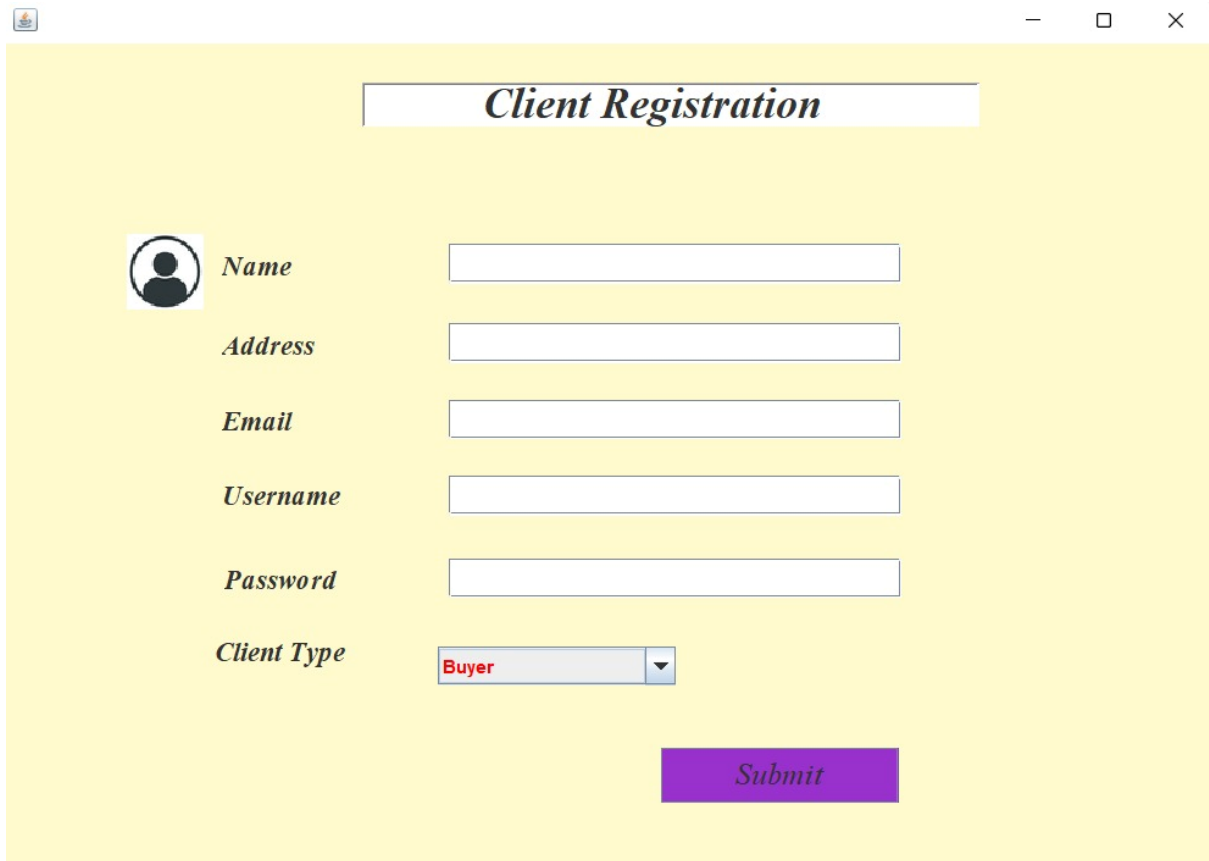


The screenshot shows a web browser window with a pink background. At the top, there is a white rectangular box containing the text *Add Property*. Below this, the form contains several input fields and dropdown menus. The labels for these fields are *Property Name*, *Address*, *Description*, *Price*, *Property Type*, and *Property Status*. The *Property Type* dropdown menu is currently set to 'Plots', and the *Property Status* dropdown menu is currently set to 'Sold'. At the bottom right of the form, there is a purple button with the text *Submit*.

<i>Add Property</i>	
<i>Property Name</i>	<input type="text"/>
<i>Address</i>	<input type="text"/>
<i>Description</i>	<input type="text"/>
<i>Price</i>	<input type="text"/>
<i>Property Type</i>	<input type="text" value="Plots"/>
<i>Property Status</i>	<input type="text" value="Sold"/>
<input type="button" value="Submit"/>	


B. If "Client Registration" is chosen:

First user/client has to register himself. They have to provide their Name, Address, Email, Username, Password, select client one type from seller and buyer. This data will be stored in database.



A screenshot of a web browser window displaying a "Client Registration" form. The form is set against a light yellow background. At the top, the title "Client Registration" is centered in a white box with a black border. Below the title, on the left, is a circular icon containing a black silhouette of a person. To the right of this icon are six labels: "Name", "Address", "Email", "Username", "Password", and "Client Type". Each label is followed by a corresponding input field. The "Name", "Address", "Email", "Username", and "Password" fields are white text boxes. The "Client Type" field is a dropdown menu with "Buyer" selected and displayed in red text. At the bottom right of the form is a purple button with the word "Submit" in white, italicized text. The browser window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right.

Client Registration

 *Name*

Address

Email

Username

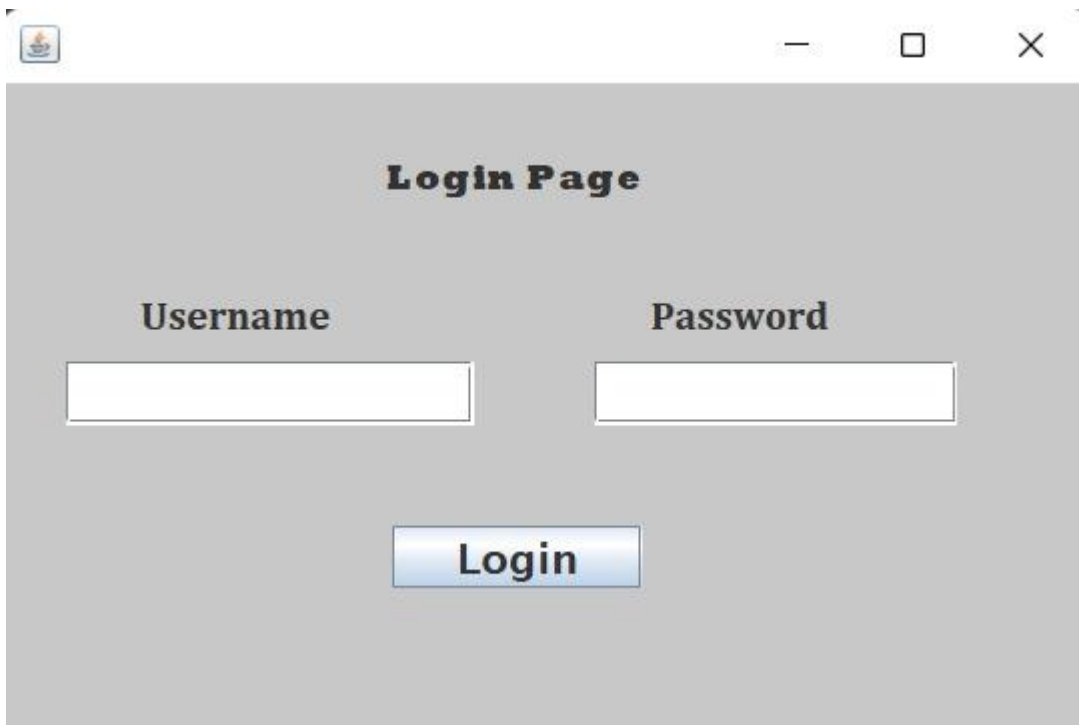
Password

Client Type

Submit

C. If "Admin Login" is chosen:

Now the Admin can login by entering his login credentials.



A screenshot of a web browser window displaying an "Admin Login Page". The page has a solid gray background. At the top, the title "Login Page" is centered in a bold, black, sans-serif font. Below the title, there are two labels: "Username" and "Password", both in a bold, black, sans-serif font. Under each label is a white text box for entering credentials. At the bottom center of the page is a blue button with a white border and the word "Login" in a bold, black, sans-serif font. The browser window has a standard title bar with a small icon on the left and minimize, maximize, and close buttons on the right.

Login Page

Username

Password

Login

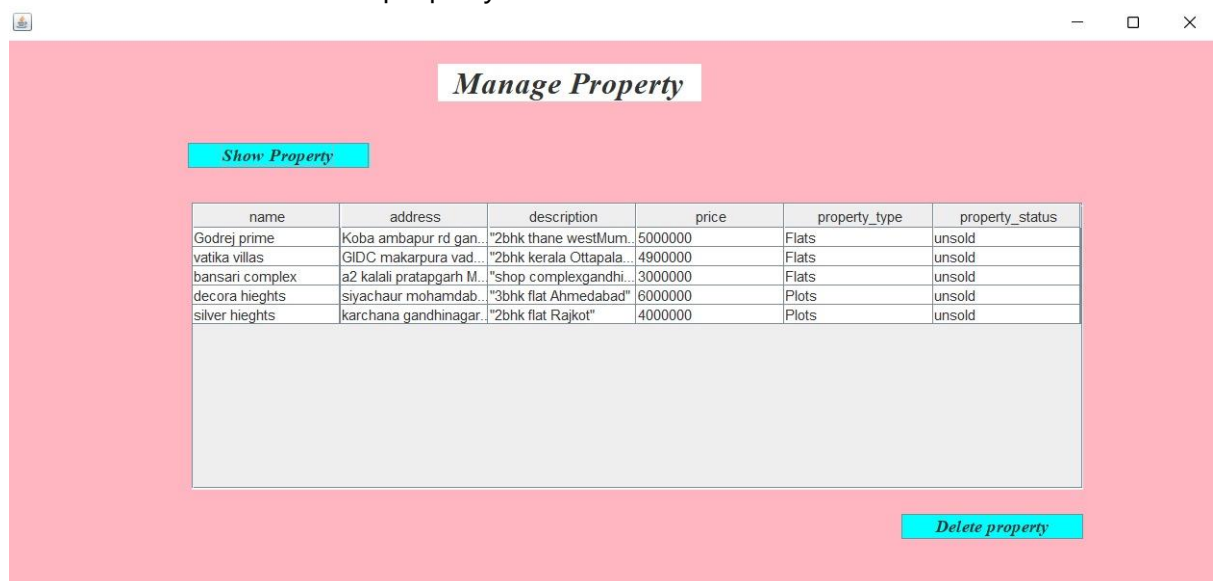
Note : In our database, you cannot add new admins . So only previously listed admins can get access to the admin section

Now "Admin workspace" is opened. Now to proceed Admin has to choose one option from Manage Property, Manage Comments, Manage Payments, Client details.



a. If "Manage Property" is chosen:

Here details the of all listed property are shown



Here admin can delete any property

By entering the row no of property, admin wants to delete



Delete Property

Enter the column number to delete it!!

Apply

- b. If "Manage Comment" is chosen:
Here all comments are shown



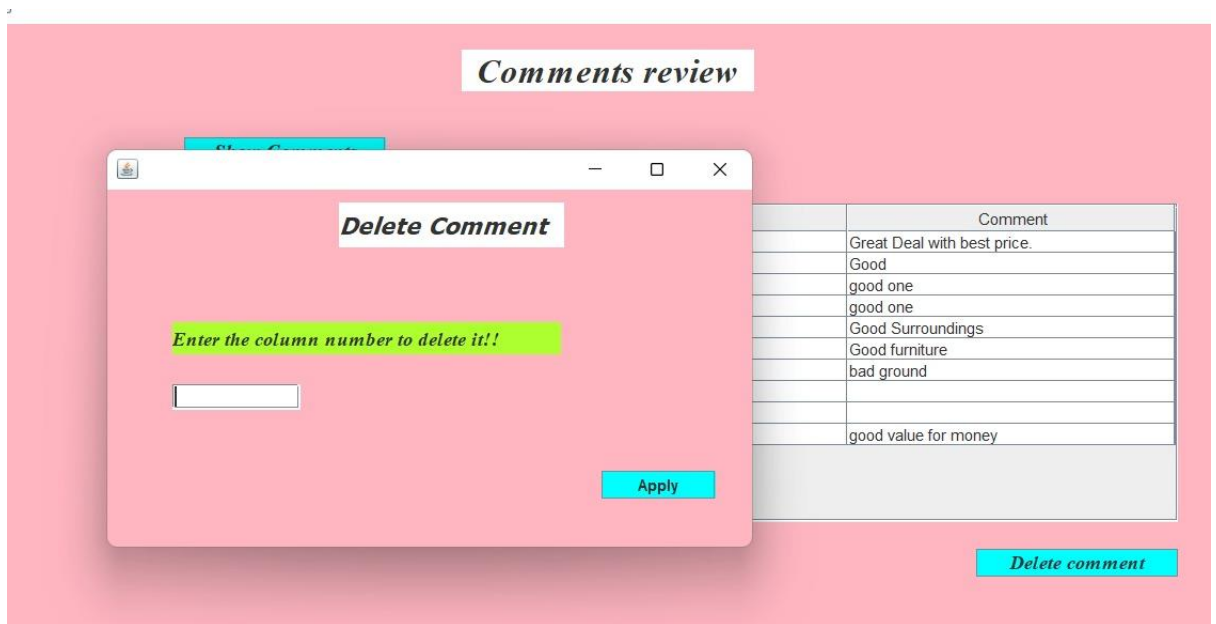
Comments review

Show Comments

Date	Comment_time	Comment
20-11-2020	11:30 pm	Great Deal with best price.
01-04-2021	10:05am	Good
2022-04-29	16:34:33.579545900	good one
2022-04-29	16:34:36.085034400	good one
2022-04-29	16:37:31.618245	Good Surroundings
2022-04-29	16:45:44.744367800	Good furniture
2022-04-29	16:47:18.634411100	bad ground
2022-04-29	18:20:39.401234200	
2022-04-29	18:20:41.619664500	
2022-04-29	18:21:07.804832600	good value for money

Delete comment

Here admin can delete any comment
By entering the row no of comment, admin wants to delete



- c. If "Manage Payments" is chosen:
Here all payments are shown

The screenshot shows a web application titled "View Payment Details". A "Show payments" button is located above a table displaying payment information. The table has columns for payment_id, client_id, account_no, date, amount, and transaction_no.

payment_id	client_id	account_no	date	amount	transaction_no
1	1	9356869863	2022-04-29	2022-04-29	2022-04-29
2	2	9828988689	2022-04-29	2022-04-29	2022-04-29
3	3	3524286989	2022-04-29	2022-04-29	2022-04-29

- d. If "Client details" is chosen:
Here all Client details are shown

Client Details

Show Clients

name	address	email	contact
dsfs	dfg	fdsdfsd	9879889888
fdgdr	fgghrf	dserr	9789798877
dfgfd	ghf	dfgsfc	7889898899
fgbhfg	hjkfg	fssfgd	8965988966
fghs	gh	fgsdfg	9878966568
