

Drawbacks and Limitations

- Upgrading the server.
- Handling errors.
- Performance of website issue.
- Not more than 800 users can hit the website at a time.

Proposed Enhancements

- Increase in payment facilities
- Preparing the website which can be accessed from mobile devices.
- Online Auction Facility.
- Email Facility.
- Agents Community.
- Modification of design according to festivals, offers, etc.
- Addition of new sections as per the website owner.

Conclusions

We have taken enough care to make our project more user-friendly and interactive. We hope that the system should be useful to all the users. Looking back towards the experiences that we have achieved during such phase makes us remember the curve that is seen through which we went during the development of our project.

Now when such system stands completed we place ourselves at a much higher place in the field of knowledge. As this is the first real-time project for us. We have given our best for its development. As it is the first system undertaken by us it may contain some mistakes but we as the developers of this system have done our best to provide an error free system to our users and hope the success of our system.

Bibliography

Reference Books:

Beginning Asp.net 4.0 with C# By: Imar Spaanjaars.

C# Language Specification Professional C# 4.0 and .NET 4 By:

Bill Evjen, Karli Watson, Christian Nagel, and Morgan Skinner.

Reference Sites:

[**www.w3schools.com**](http://www.w3schools.com)

[**www.ListOfCountries.net**](http://www.ListOfCountries.net)

[**www.asp.net**](http://www.asp.net)

[**www.freecsstemplates.com**](http://www.freecsstemplates.com)

[**en.googlemaps.subgurim.net**](http://en.googlemaps.subgurim.net)

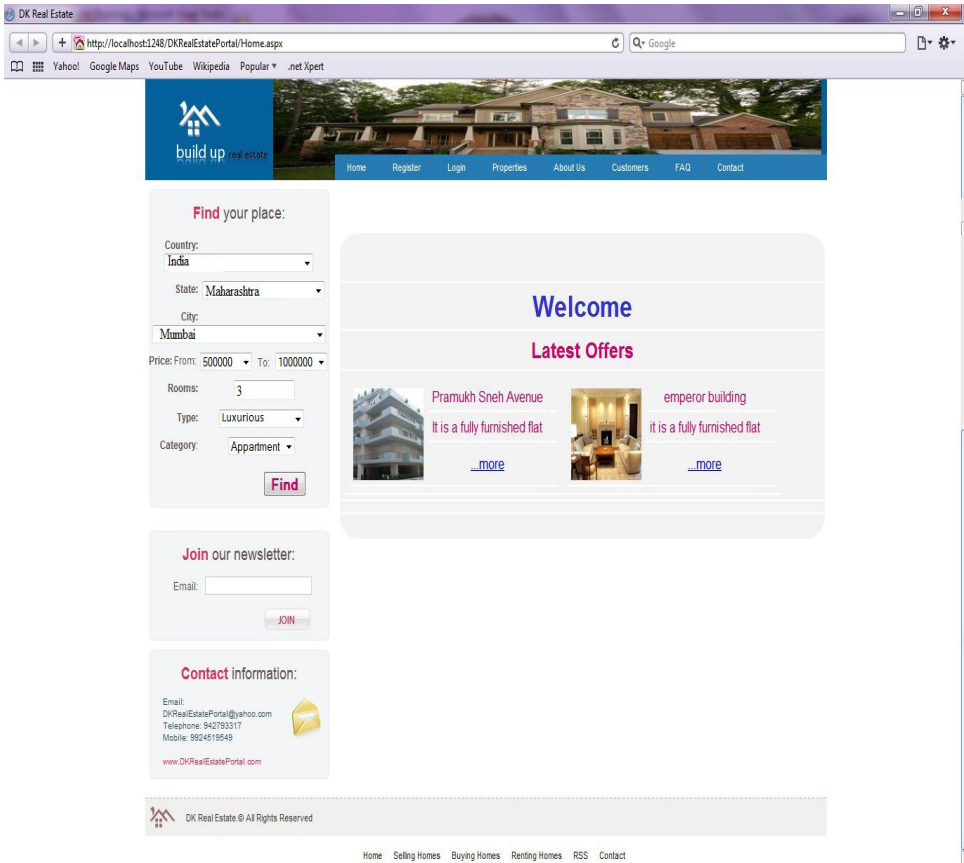
[**www.developer.paypal.com**](http://www.developer.paypal.com)

[**www.fvicon.cc**](http://www.fvicon.cc)

Annexures

Annexure 1: User Interface Screens

1) Welcome Page



Description:

It displays the latest offers in which the property uploaded in the last seven days on the website

2) Registration:

The screenshot shows a web browser window displaying the registration page for the DK Real Estate Portal. The browser's address bar shows the URL: `http://localhost:1248/DKRealEstatePortal/Registration.aspx`. The page features a navigation menu with links for Home, Register, Login, Properties, About Us, Customers, FAQ, and Contact. The main content area is divided into three columns:

- Find your place:** A search filter section with dropdown menus for Country (India), State (Maharashtra), and City (Mumbai). It also includes input fields for Price (From: 500000, To: 1000000), Rooms (3), Type (Luxurious), and Category (Apartment), along with a 'Find' button.
- Join our newsletter:** A section with an input field for an email address and a 'JOIN' button.
- Contact information:** A section with contact details for DK Real Estate Portal, including an email address, telephone number, and mobile number.

The central **Registration Form** includes the following fields and options:

- User Category:** Radio buttons for Buyer and Seller.
- User Type:** Radio buttons for Individual, Broker, and Builder.
- First Name:** Kiran
- Last Name:** Sawant
- Email Id:** ksawant@yahoo.com
- Username:** sawantk
- Password:** [masked]
- Country:** India
- State:** Maharashtra
- City:** Kolhapur
- Mobile:** 9924519549 and 9879529562
- Price Range:** Min: 50000, To: 60000
- Landline:** 91, 0265, 2250716
- Type Code:** W1EQUZTH16SAY
- I have read all the Terms and Conditions
- Submit** and **Reset** buttons.

Description:

This page allows the user to get registered to the website.

3) Login Form:

DK Real Estate

http://localhost:1248/DKRealEstatePortal/login.aspx

Yahoo! Google Maps YouTube Wikipedia Popular .net Xpert

build up real estate

Home Register Login Properties About Us Customers FAQ Contact

Find your place:

Country: India

State: Maharashtra

City: Mumbai

Price: From: 500000 To: 1000000

Rooms: 3

Type: Luxurious

Category: Apartment

Find

Join our newsletter:

Email:

JOIN

Contact information:

Email: DKRealEstatePortal@gmail.com
Telephone: 942799917
Mobile: 9824519848
www.DKRealEstatePortal.com

Login [New User Register Now!](#)

Username: sawantk

Password: *****

[Forgot Password ?](#)

Login

Use your existing username to login and create your DK Real Estate account.

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Home Selling Homes Buying Homes Renting Homes RSS Contact

Description:

This is the login page through which the user can get logged in to the site.

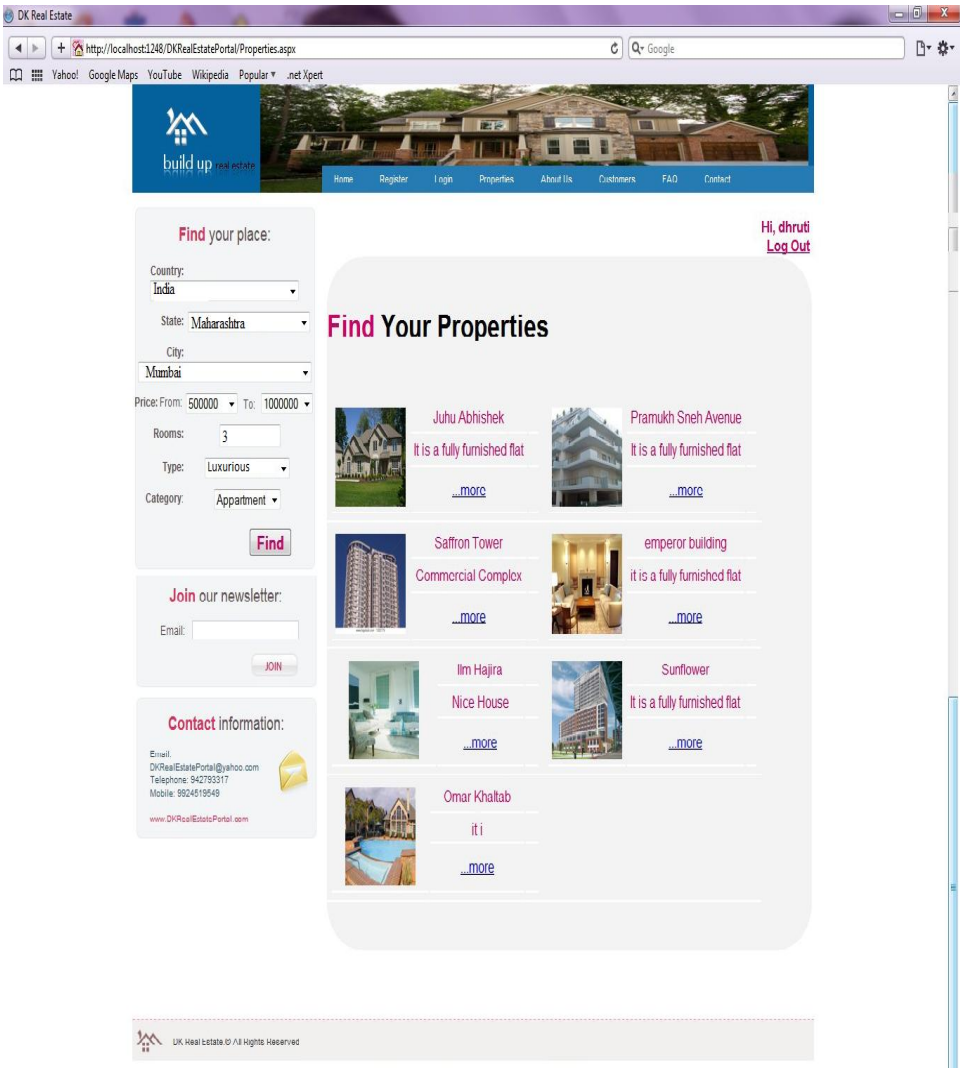
4) Login Form (Forgot Password)

The screenshot shows the DK Real Estate Portal login page. The browser address bar displays `http://localhost:1248/DKRealEstatePortal/login.aspx`. The page features a navigation menu with links for Home, Register, Login, Properties, About Us, Customers, FAQ, and Contact. A search form titled "Find your place:" includes fields for Country (India), State (Maharashtra), City (Mumbai), Price (500000 to 1000000), Rooms (3), Type (Luxurious), and Category (Apartment). A "Find" button is located below these fields. To the right, the "Login" form is displayed, featuring a "Forgot Password?" link and a "Submit" button. Below the login form, a "Join our newsletter:" section includes an email input field and a "JOIN" button. At the bottom, a "Contact information:" section provides contact details for DK Real Estate Portal, including an email address, telephone number, mobile number, and website URL. The footer contains the text "DK Real Estate © All Rights Reserved" and a navigation menu with links for Home, Selling Homes, Buying Homes, Renting Homes, RSS, and Contact.

Description:

It displays the page wherein the user enters his email id while he opts for forgot password.

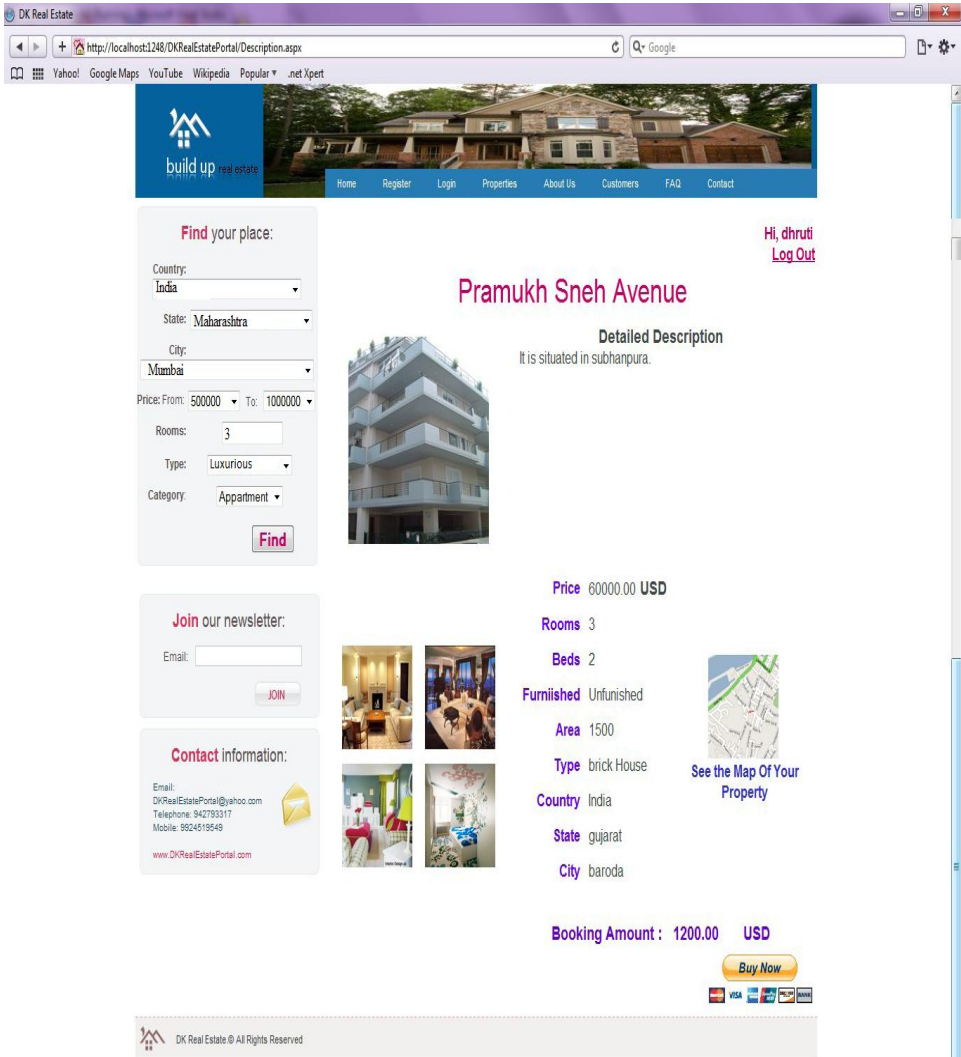
5) Find Properties:



Description:

It displays the results of the search performed by the user according to the requirements specified during the search.

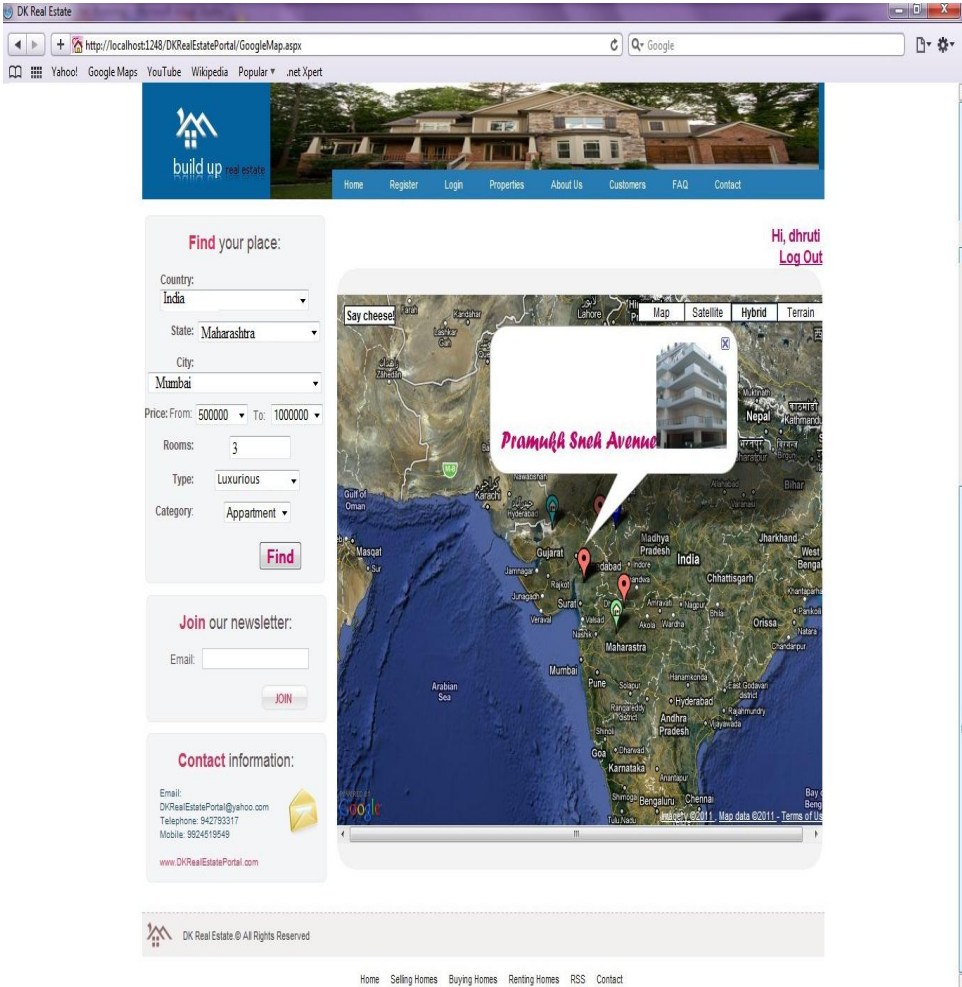
6) Description Of Properties:



Description:

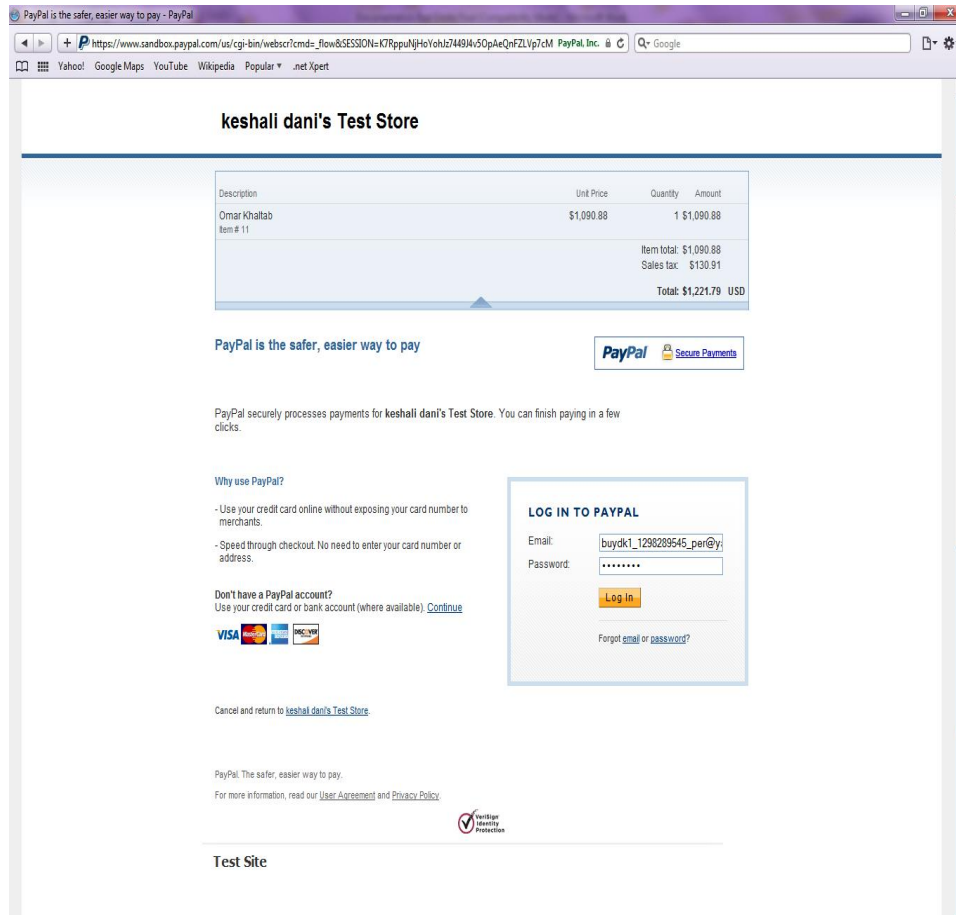
It displays the description of the property browsed by the user logged in.

7)Find Location on Map:



Description:It displays the page displaying Map which shows the exact location of the property with title and photo of the property.

8)Paypal Login:



The screenshot shows a PayPal checkout page for a store named "keshali dani's Test Store". At the top, there is a table with the following data:

Description	Unit Price	Quantity	Amount
Omar Khallab Item # 11	\$1,000.88	1	\$1,000.88
			Item total: \$1,000.88
			Sales tax: \$130.91
			Total: \$1,221.79 USD

Below the table, the text "PayPal is the safer, easier way to pay" is displayed alongside the PayPal logo and "Secure Payments" badge. A message states: "PayPal securely processes payments for keshali dani's Test Store. You can finish paying in a few clicks."

Under the heading "Why use PayPal?", two bullet points are listed:

- Use your credit card online without exposing your card number to merchants.
- Speed through checkout. No need to enter your card number or address.

Below this, a section titled "Don't have a PayPal account?" includes the text "Use your credit card or bank account (where available). [Continue](#)". Logos for VISA, MasterCard, American Express, and Discover are shown.

A link "Cancel and return to keshali dani's Test Store." is provided.

At the bottom, it says "PayPal. The safer, easier way to pay." and "For more information, read our [User Agreement](#) and [Privacy Policy](#)." A "VeriSign Identity Protection" logo is also present.

The page footer contains the text "Test Site".

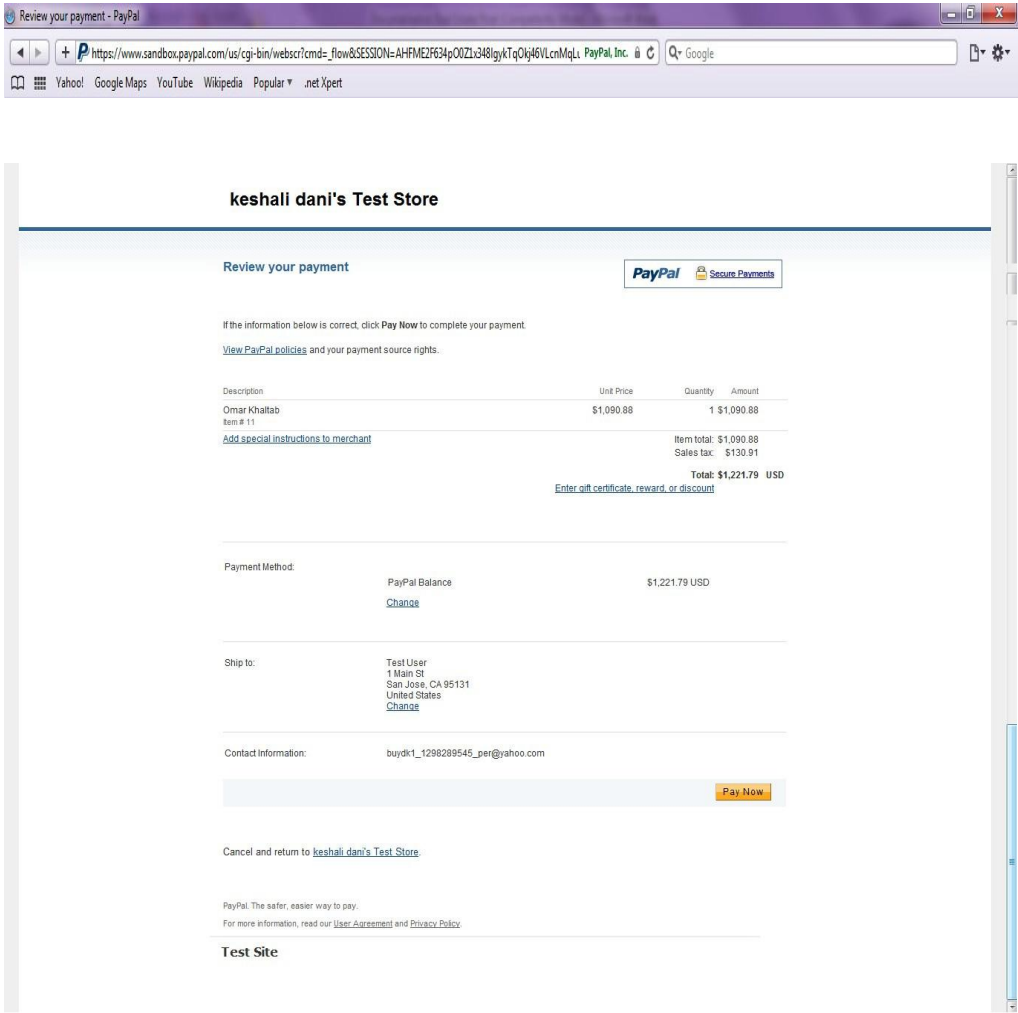
On the right side of the page, there is a "LOG IN TO PAYPAL" box with the following fields and options:

- Email:
- Password:
-
- [Forgot email or password?](#)

Description:

It displays the Login page for the buyer along with the property details.

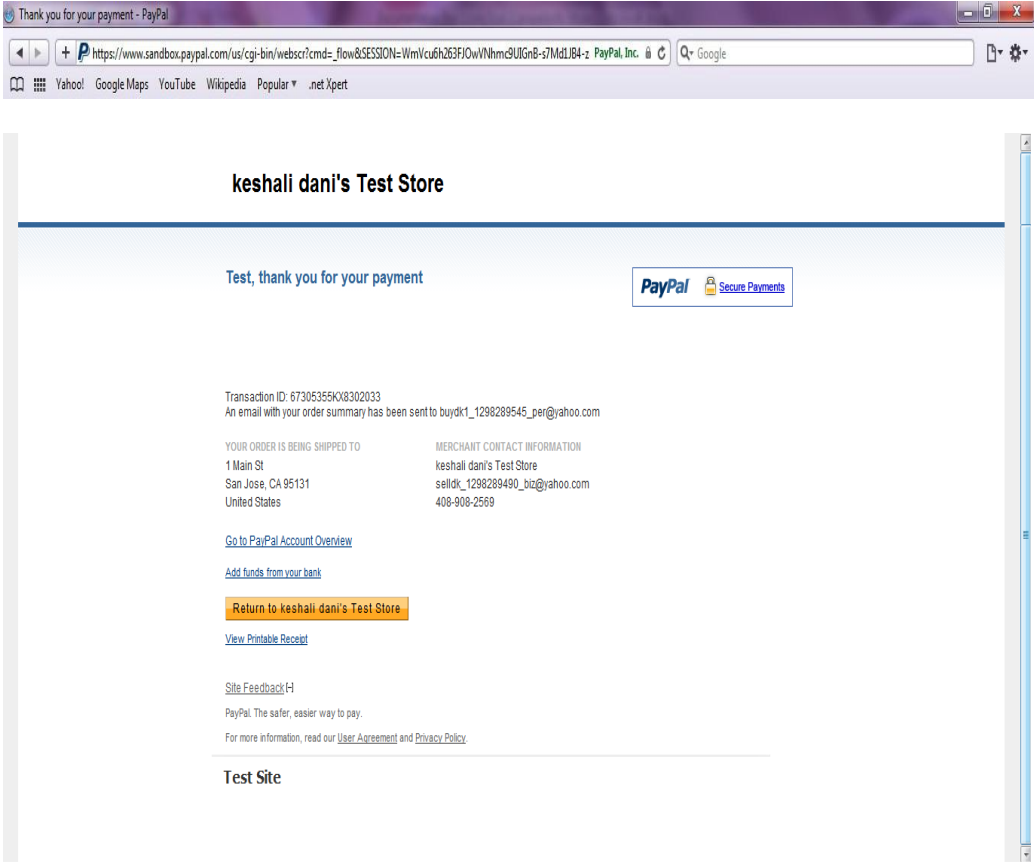
9)Paypal Review Payment:



Description:

It displays the page reviewing the payment details.

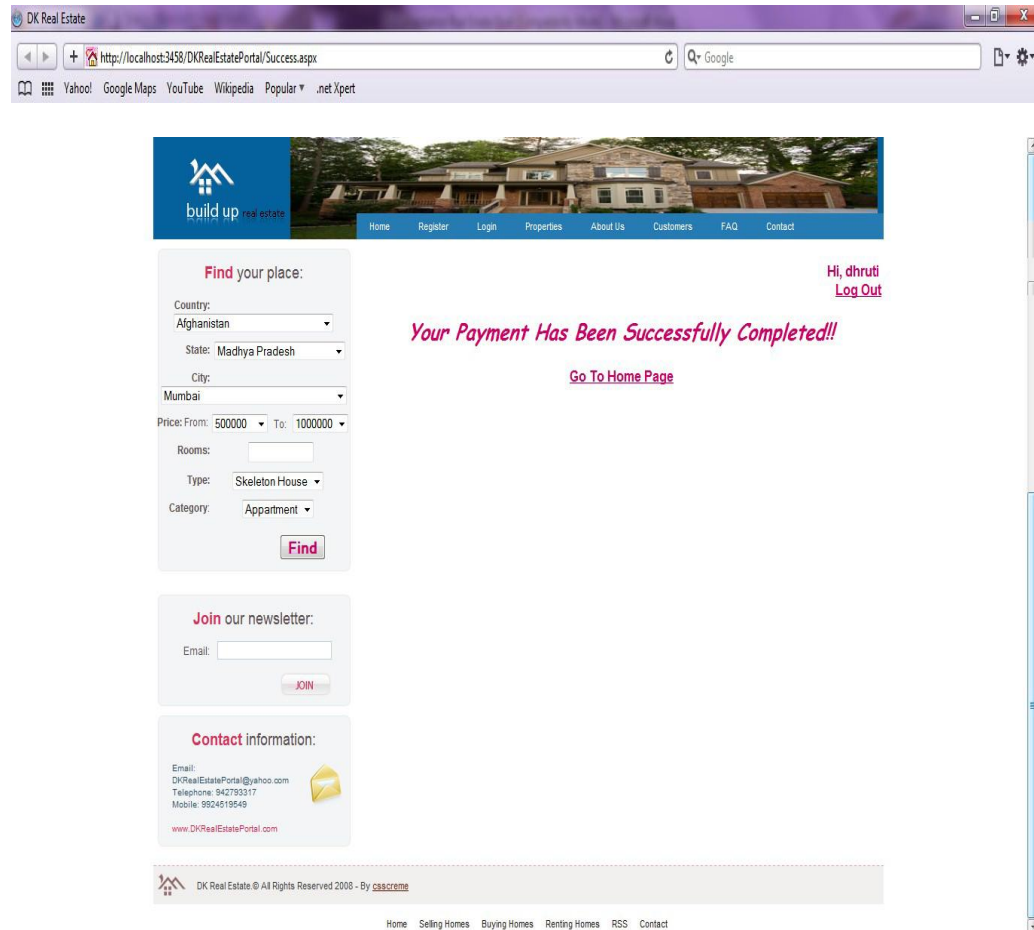
10) PayPal Thank You for Payment:



Description:

It displays the page confirming the payment transaction.

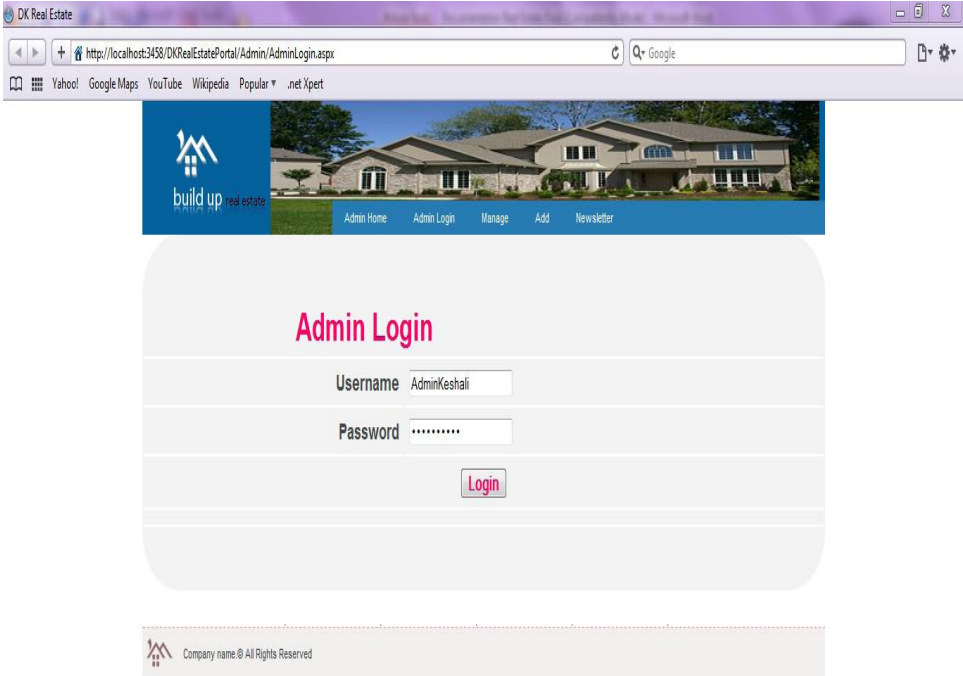
11)Payment Success:



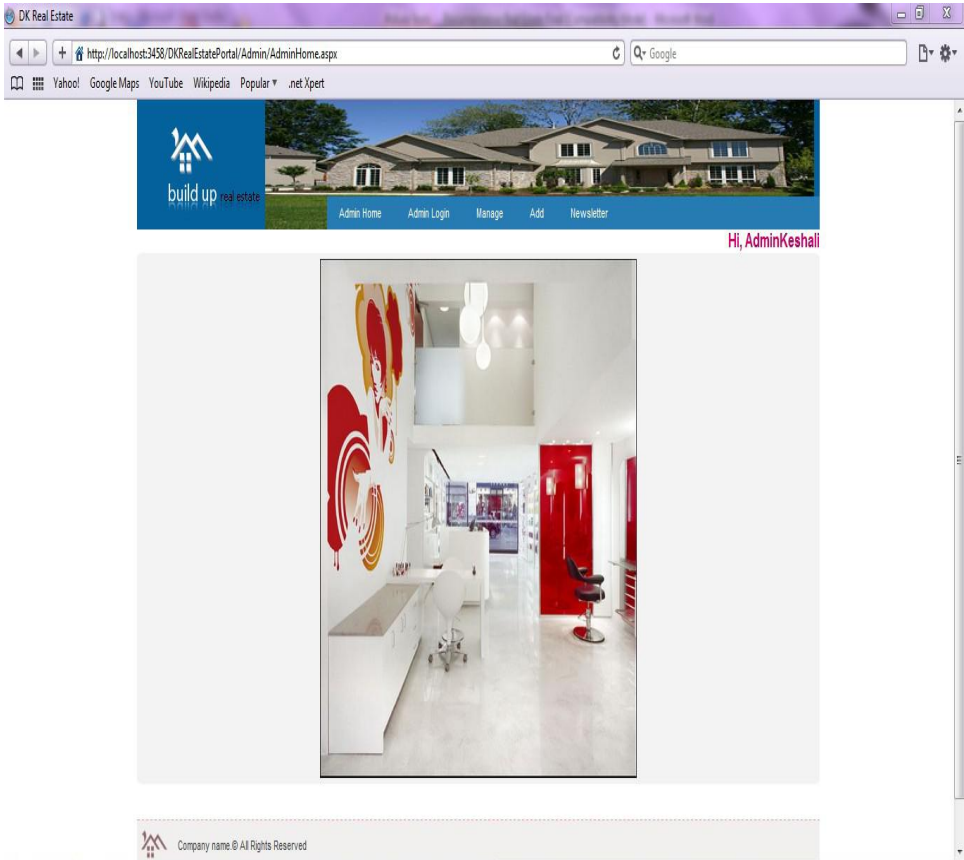
Description:

It displays the success page when the payment transaction has been completed.

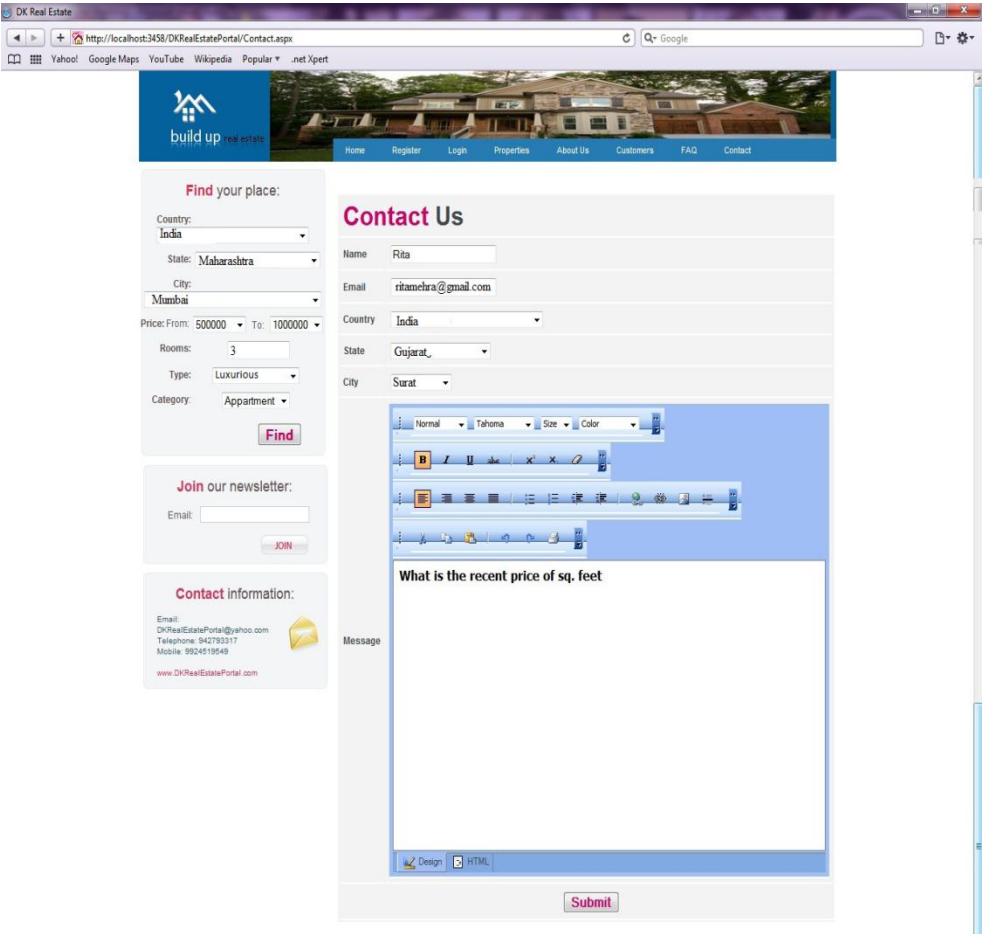
12)Admin Login:



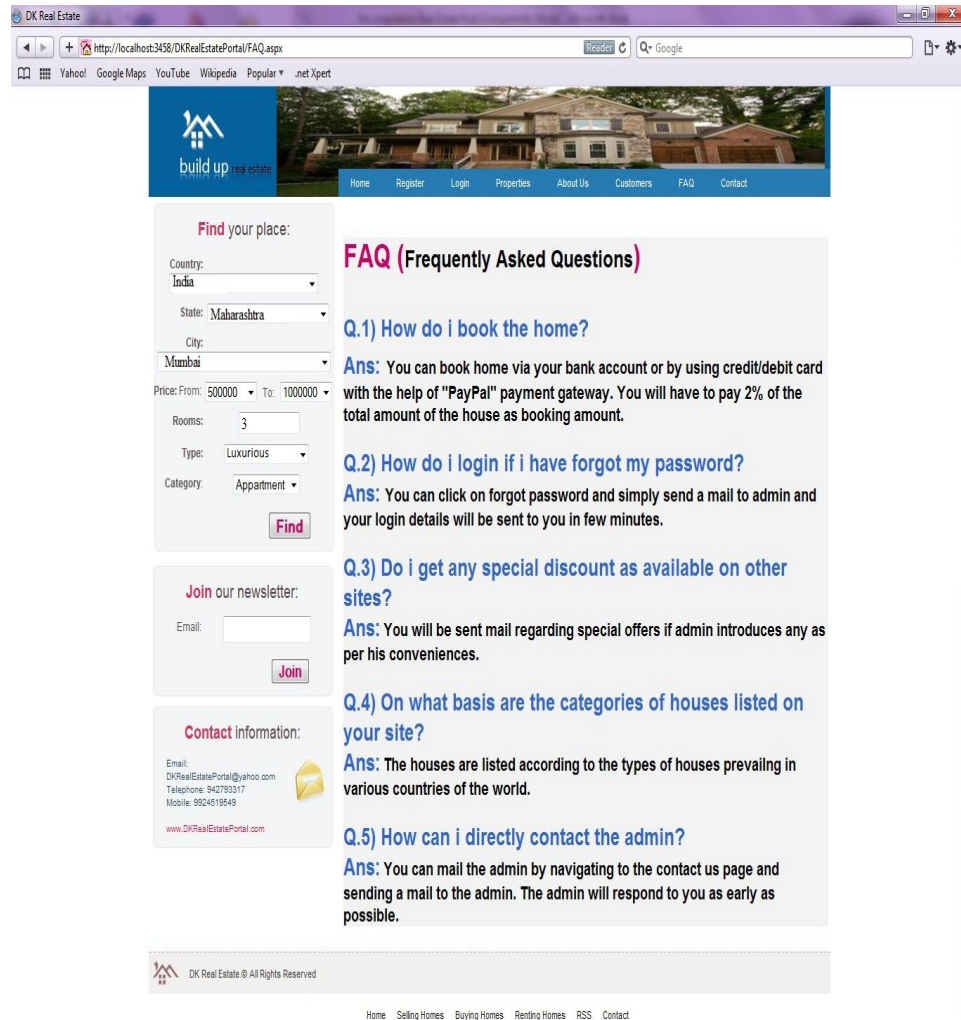
13)Admin Homepage:



14)Contact Us:



15)FAQ



Annexure 2: Output Report with Data

1) Manage Customer:

DK Real Estate

http://localhost:1248/DKRealEstatePortal/Admin/ManageCustomers.aspx

Admin Home Admin Login Manage Properties Manage Customers Add Newsletter

Hi, AdminKeshali

C_id	user_cat	user_type	f_name	l_name	email_id	username	password	country	state	city	mobile1	mobile2	price_min	price_max	country_code	city_code	phone_no	Edit	Delete
CU001	Seller	Individual	Karan	Sarant	ksarant@yahoo.com	ksarant	Sarant	India	maharashtra	kolhapur	988889536	567567658	1500000	2000000	C091	C001	988889536		
CU002	Buyer	Individual	Ritu	Mehta	ritamehta@gmail.com	mehta	ritu@123	India	maharashtra	mumbai	988889536	567567658	2000000	3000000	C091	C002	9824519549		
CU003	Seller	Broker	Shant	Ratod	shant009@gmail.com	shant009	ratod009	India	maharashtra	mumbai	3339889536	567567658	1000000	1400000	C091	C002	9427933177		
CU004	Seller	Broker	keshu	dani	keshu@rediff.com	keshudani	kesu	India	maharashtra	mumbai	9427933177	3295234	4000000	9000000	C091	C002	982479606		
CU005	Seller	Individual	dhru	raval	talentgirl_1990@yahoo.co.in	dhru	dhru	India	gujarat	baroda	9824519549	982479606	2000000	6000000	C091	C004	9427933177		

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2)Manage Properties:

DK Real Estate

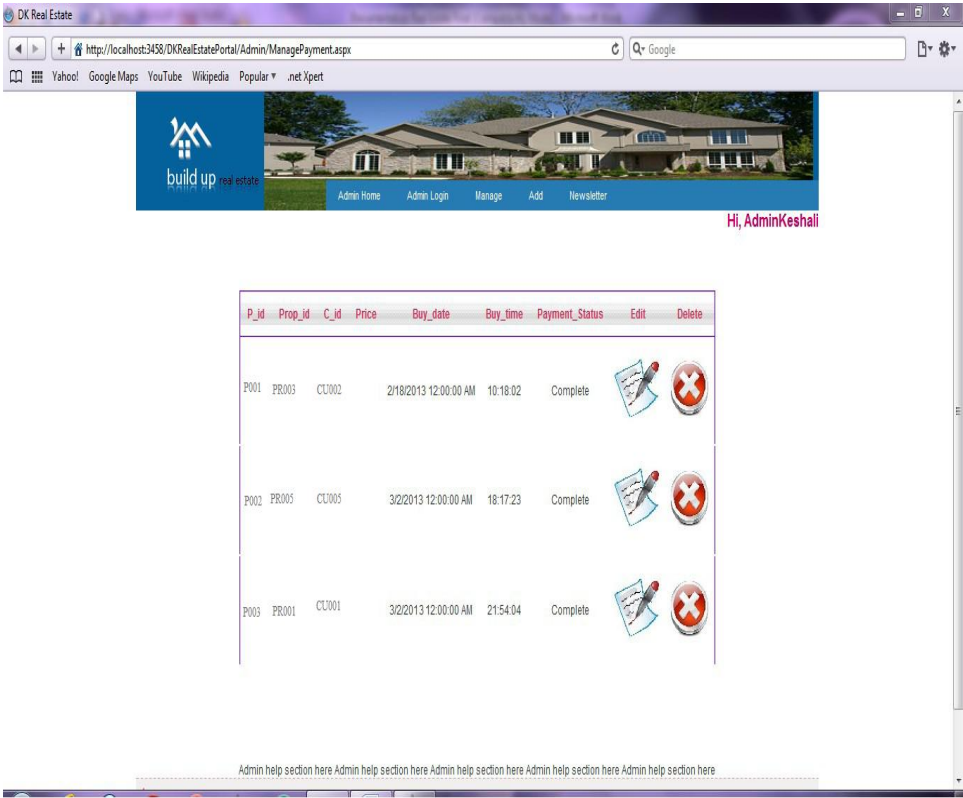
http://localhost:1248/DKRealEstatePortal/Admin/ManageProperties.aspx

Hi, AdminKeshal

C_id	Title	Price	Country	State	City	Rooms	Beds	Furnished	Longitude	Latitude	Area	Type	Small_desc	Description	Date1	Edit	Delete
CU006	Mangold	45456.00	India	Maharashtra	Mumbai	3	2	Full Furnished	100.1890001	120.8761234	46756	Banglow	Non-commercial Complex	3BHK,4BHK House	2/10/2013 4:15:00 PM		
CU010	pratham enclave	35000.00	India	gujarat	Rajkot	2	3	Full Furnished	69.0000000	55.3116670	1000	Pent house	fully furnished	3bhk flat	2/12/2013 6:30:30 PM		
CU015	Saffron Tower	50000.00	India	gujarat	baroda	30	0	Full Furnished	73.1883430	22.3203980	1000	Brick House	Commercial Complex	It is situated in Fatehgunj. It has 10 floors. It is specially for Shops and Classes.	2/16/2013 12:00:00 AM		
CU009	Ilm Hajira	36000.00	India	Maharashtra	Kolhapur	5	3	Full Furnished	55.3116670	25.2644440	2500	Pent house	Nice House	Situated in Rankala	2/18/2013 9:00:00 PM		
CU011	Omar Khaltab	54544.00	India	Maharashtra	mumbai	3	3	Full Furnished	69.0000000	2.0000000	33333	Row House	fully furnished	Situated near Bandra Railway station	2/18/2013 07:00:00 PM		

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3)Manage Payment:



4)Booked Property

The screenshot shows a web browser window with the URL <http://localhost:1248/DKRealEstatePortal/Admin/ManageProperties.aspx>. The page features a navigation menu with links for Admin Home, Admin Login, Manage Properties, Manage Customers, Add, and Newsletter. A personalized greeting "Hi, AdminKeshali" is displayed. The main content area contains a table of property listings with columns for C_id, Title, Price, Country, State, City, Rooms, Beds, Furnished, Longitude, Latitude, Area, Type, Small_desc, Description, price, Date1, Edit, and Delete. Three properties are listed, each with a date and time indicating they are booked.

C_id	Title	Price	Country	State	City	Rooms	Beds	Furnished	Longitude	Latitude	Area	Type	Small_desc	Description	price	Date1	Edit	Delete
CU006	Manigold	45456.00	India	Maharashtra	Mumbai	3	2	Full Furnished	100.1890001	120.8761234	46756	Banglow	Non-commercial Complex	3BHK,4BHK House	2000000	2/10/2013 4:15:00 PM		
CU009	Ilm Hajira	36000.00	India	Maharashtra	Kolhapur	5	3	Full Furnished	55.3116670	25.2644440	2500	Pent house	Nice House	Situated in Rashala	3000000	2/16/2013 9:00:00 PM		
CU010	pratham enclave	35000.00	India	gujarat	Rajkot	2	3	Full Furnished	69.0000000	55.3116670	1000	Pent house	fully furnished	3bhk flat	1400000	2/12/2013 6:30:30 PM		

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5)Delete Property



P_id	Prop_id	Title	Price	Country	State	City	Rooms	Beds	Furnished	View
101	1001	100sqft	45000 IN	India	Maharashtra	Mumbai	3	2	Full Furnished	
102	1002	pratham estate	30000 IN	India	punjab	Rajkot	2	3	Full Furnished	
103	1003	Golden Town	50000 IN	India	punjab	Jalandhar	30	8	Full Furnished	

Annexure 3: Sample Program Code:

```
namespace IMS.BAL
{
    public class UserLogin
    {
        public string UserName { get; set; }
        public string Password { get; set; }

        public Employee Login()
        {
            Employee oEmployee = null;
            DBHelper oDBHelper = null;
            try
            {
                oDBHelper = DBHelper.GetDBHelperObject();
                DataSet dsLogOnDetails = null;
```

```
DBHelper.Parameters[] oParam = new
DBHelper.Parameters[2];

oParam[0] = new DBHelper.Parameters("@pUserName",
this.UserName);

oParam[0].ParamDirection = ParameterDirection.Input;
oParam[0].ParameterDbType = DbType.String;

oParam[1] = new DBHelper.Parameters("@pPassword",
this.Password);

oParam[1].ParamDirection = ParameterDirection.Input;
oParam[1].ParameterDbType = DbType.String;

dsLogOnDetails =
oDBHelper.DataAdapter(System.Data.CommandType.StoredProcedure,
"IMS_GetLogOnDetails", oParam);
```



```
        if (dsLogOnDetails.Tables.Count > 0 &&
dsLogOnDetails.Tables[0].Rows.Count > 0)
        {
            /* oEmployee = new Employee();
            oEmployee.ID =
Convert.ToInt16(dsLogOnDetails.Tables[0].Rows[0][0]);
            oEmployee.Name =
Convert.ToString(dsLogOnDetails.Tables[0].Rows[0][1]);
            oEmployee.DateOfJoining =
Convert.ToDateTime(dsLogOnDetails.Tables[0].Rows[0][2]);
            */
        }
    }
    catch (Exception)
    {
        throw;
    }
```

```
finally
{
    // oEmployee = null;
    oDBHelper = null;
}
return oEmployee;
}
}
}
```