A
Project Report
on

Big Street Lettings (IDP)

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Big Street Lettings

Submitted in partial fulfillment of the requirements for the degree of Bachelor of Engineering in Computer Engineering

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Declaration

This is to certify that

i) The project comprises my original work towards the degree of bachelor of Engineering in Computer Engineering at Vishwakarma Government Engineering College, Chandkheda, under the Gujarat Technological University, Ahmedabad and has not been submitted elsewhere for a degree.

ii) Due acknowledgement has been made in the text to all other material used.

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Certificate

This is to certify that the Project entitled "Big Street Lettings" submitted by Aesha Makwana(130170107039),Ketul Mehta(130170107041) and Preet Rakesh Parikh (130170107060), towards the partial fulfillment of the requirements for the degree of Bachelor of Engineering in Computer engineering of Vishwakarma Government Engineering College, Chandkheda, under the Gujarat Technological University, Ahmedabad is the record of work carried out by him under my supervision and guidance. In my opinion, the submitted work has reached a level required for being accepted for examination. The results embodied in this project, to the best of my knowledge, haven't been submitted to any other university or institution for award of any degree or diploma.

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Abstract

The project is entitled as “Big Street Lettings” and is a Real Estate Web Portal. The main aim of the project is to set up the platform for easy dealing of property in which seller, customer and broker are in firm interaction with each other on a single platform. The proposed project is Business-to-Business (B2B), Business-to-Customer (B2C) and Customer-to-Customer(C2C) model. All the three models are synchronized by an admin profile. The project provides platform to the customers to find out property description and property rates they are interested for and could also interact directly with the broker and other customers too. This would help customers to deal easily for their required property and also helpful for the brokers to directly come in contact with the interested customers. The Real Estate Portal would give proper description related to the property and also the estimate property rates so the customers could find easy way for proper dealing.

Acknowledgements

We would heartily like to thank our internal guide of the project Prof. M.T.Savaliya for throughout support in the project. We were guided thoroughly by him for any required help in the project. We would also take opportunity to thank my external guide Mohit Shah with whom we carried out my IDP project. His guidance helped us to develop different features using .Net platform

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CHAPTER – 1

Introduction

1.1 Project Summary

The Project entitled with “Big Street Lettings” is the Real Estate Portal which is the common platform for customers, brokers and sellers to participate in the dealing of properties on same stand. The project proposes Business-to-Customer(B2C), Business -to-Business(B2B) and Customer-to-Customer(C2C) model. The Real Estate Portal enables easy and efficient dealing of property between buyers and sellers. Brokers can actively be the part of the interaction as all the users of the portal are synchronized with each other through admin page. The admin controls the entire functioning of the portal. Moreover, the portal would provide ways for efficient dealing. The portal gives detailed description regarding the property and even provides the efficient estimation of costs which helps customers to get proper information regarding the property. The project is developed on ASP.NET platform. The designing is done using HTML, Java-script and CSS. The coding part includes language coded in C# and tier architecture. The hosting server will be managed with companies.

The system is useful to the companies building residential properties, commercial buildings, hotels etc. and also to the one’s who are interested in buying the property.

1.2 Objective

The main objective of the project is easy communication between buyer, seller and broker on the same platform. The portal provides easy and efficient dealing process of property between buyer and seller. Broker would be provided with its own portal page wherein the broker could provide the rates of brokerage to the customer based on the property issued. The customer could directly contact with one another so that there prevails no miscommunication in the process of dealing.

1.3 Scope

As internet is now-a-days wide spread in entire world, it is the best platform to market real estate today. People are connected on wide scale through internet and hence, it proves to be the best platform to launch the portal.

The main users of the portal are people interested for property dealing and the brokers. The portal will enable efficient and easy dealing of property. This will be useful to every buyer who is in search of property and to every seller who wants the property details to reach every customer. Moreover, portal will be helpful to the broker who can directly be in interaction with the customers and can carry out the brokerage efficiently. The main aim of the project is to maximize the reach to the customers. Every individual using the portal should be connected on the same platform through control by admin page.

1.4 Technology Used

1. ASP.Net

2. C#

3. Visual Studio 2015 Community Freeware

4. SQL Server 2016 Developer

5. HTML

6. Javascript

7. CSS Bootstrap

1.5 Hardware-Software Used

- Hardware :

1. Windows 10

2. Intel I3

3. Ram 8GB

- Software:

1. Visual Studio 2015 Community Freeware

2. SQL Server 2016 Developer

CHAPTER – 2
System Analysis

2.1 Study of Current System

The system is based on the Real Estate portal wherein generalized users such as sellers and buyers and also brokers, can efficiently communicate on a single platform and they are all synchronized by admin page. The system will enable easy dealing of property between sellers and buyers. The main purpose of the system is to connect every user of the system can hence all the users should be benefitted by the system.

2.2 Problem and Weakness of Current System

The main problem or difficulty that persists with the system is inter-relating all the users of the system on the common platform. Moreover, the present system supports Business-to-Customer (B2C) model only, hence not every individual can carry out direct communication with one another. Also the present system does not benefit brokers in direct or indirect ways. The customer needs to find their respective broker physically which is hectic and tiresome at times. Even the property description is vague and clumsy at times.

2.3 Requirement of new system

The early Real Estate portals were of model Business-to-Customer (B2C) in which customers were not in direct interaction with one another. The communication between the customers was tough. Even the current system does not provide details regarding the brokers interested for the property brokerage. Hence, brokers were to be found out explicitly. Also the property description was not clearly mentioned and hence interested buyers did not get accurate details about the property.

To overcome the above problems, it was necessary to introduce the new system wherein the property description is accurate and also the customers of the portal can be in direct relation with one another.

2.4 Feasibility Study

The major constraint with the current system is the lack of communication between users of the system. The new portal provides the common platform for communication between the system users. This can be efficiently carried out by introducing various models such as B2C, C2C and C2B. Moreover, another difficulty that the current system faces is the description of property mentioned on the portal. The new portal will overcome this problems the details mentioned regarding the property would be clear and accurate. This is make users easier to use the portal and hence every individual could take benefit from the portal.

CHAPTER – 3
Project Management

3.1.1 Project Planning and Scheduling

The preparation for the project has been scheduled as before in advance. The project would be carried out in a planned manner as follow :

1. Study and understanding of project

2. Deciding the platform for coding and implementation activities.

3. Learning and understanding the language on which the platform is been prepared.

4. Implementation of code for the portal.

5. Coding and Designing of the portal .

6. Error checking and improvements.

7. Real-life implementation of the portal.

Initially the focus would be led more on the study and requirement of the project that follows with the study of coding and designing part of the portal.

3.1.2 Project Development Approach

The first step towards the project development is the study of the project and understanding the basic requirement and uses of the project. Moreover it is necessary to pin point the basic users of the system and it is the important role of project developer to understand the basic requirement of the users of the system.

Later, the momentum will be shifted on the coding and designing section. Efforts will be to develop the optimized code with minimum probabilities of error

detection. Hence, the project development task will be approached in a linear manner.

3.1.3 Project Plan

The project plan is the first step in deterministic process to carry out the proper project management . The project plan for our system is as follow :

1. Study and understanding of project

2. Deciding the platform for coding and implementation activities.

3. Learning and understanding the language on which the platform is been prepared.

4. Implementation of code for the portal.

5. Coding and Designing of the portal .

6. Error checking and improvements.

7. Real-life implementation of the portal.

Initially the focus would be led more on the study and requirement of the project that follows with the study of coding and designing part of the portal. The planning development is to be done in the timely manner with proper timeline. The most time consuming section of the project is its coding and designing. Understanding the need and basic requirement in basic process but not being time consuming can be easily coped up.

3.1.4 Schedule Representation

A project schedule is a useful planning and communication tool for monitoring and reporting the progress of a project. During a project's life, different schedules maybe needed for different purposes and stakeholders. Read more to get better acquainted with the various types of project schedule. A project schedule is a strategic and an important tool in a project manager's portfolio for guiding a project successfully to its target completion date.

Initially, after studying the basic need of the system, the next important part is its implementation. Coding and Designing stands next in the queue. Next comes the error detection part and error correction following it. Finally the system is generalized to real life users.

3.1.5 Roles and Responsibilities

The roles and responsibilities of every team member is evenly distributed. Every member should understand the need of the concerned project and accordingly tasks should be distributed. Every member should complete the given work with utter responsibility because even a single member failing to fulfill the responsibility might lead to failure in project. The person who in concerned with the particular tasks should not necessarily be the expert of it, but the learning process in the person should never come to an end.

Hence, it is important to divide the task of the project among the team members and every member should complete the given responsibility to him/her.

Risk Management

3.2.1 Risk identification

Risk identification is the process of determining the risks that could probably prevent the program or the system to achieve the determined goals. The objective of risk identification is early and continuous identification of events, that if occurs will have negative impact on project's ability of achieve performance or capability outcome goals. Risk identification is the important part of the project management as identifying risk at proper time can avoid the failure of the system.

To identify the risk, it is important to learn about system's scope, system performance ability,, performance challenges, integration etc. It is the iterative process. As the project advances, more information will be gained and hence more study will be needed relating to the project that will enhance ability to identify the risk factor.

3.2.2 Risk analysis

Risk analysis is the study of underlying uncertainty of a given course of action. It can be defined as risk assessment, risk characterization, risk communication and risk management. It can be qualitative as well as quantitative. It is important to analyze the risk in the system after its identification. Risk analysis gives the idea about the generalized section in which the flaw has been detected. It is important to study the risk accurately as to avoid future problems of similar type to the system.

3.2.3 Risk planning

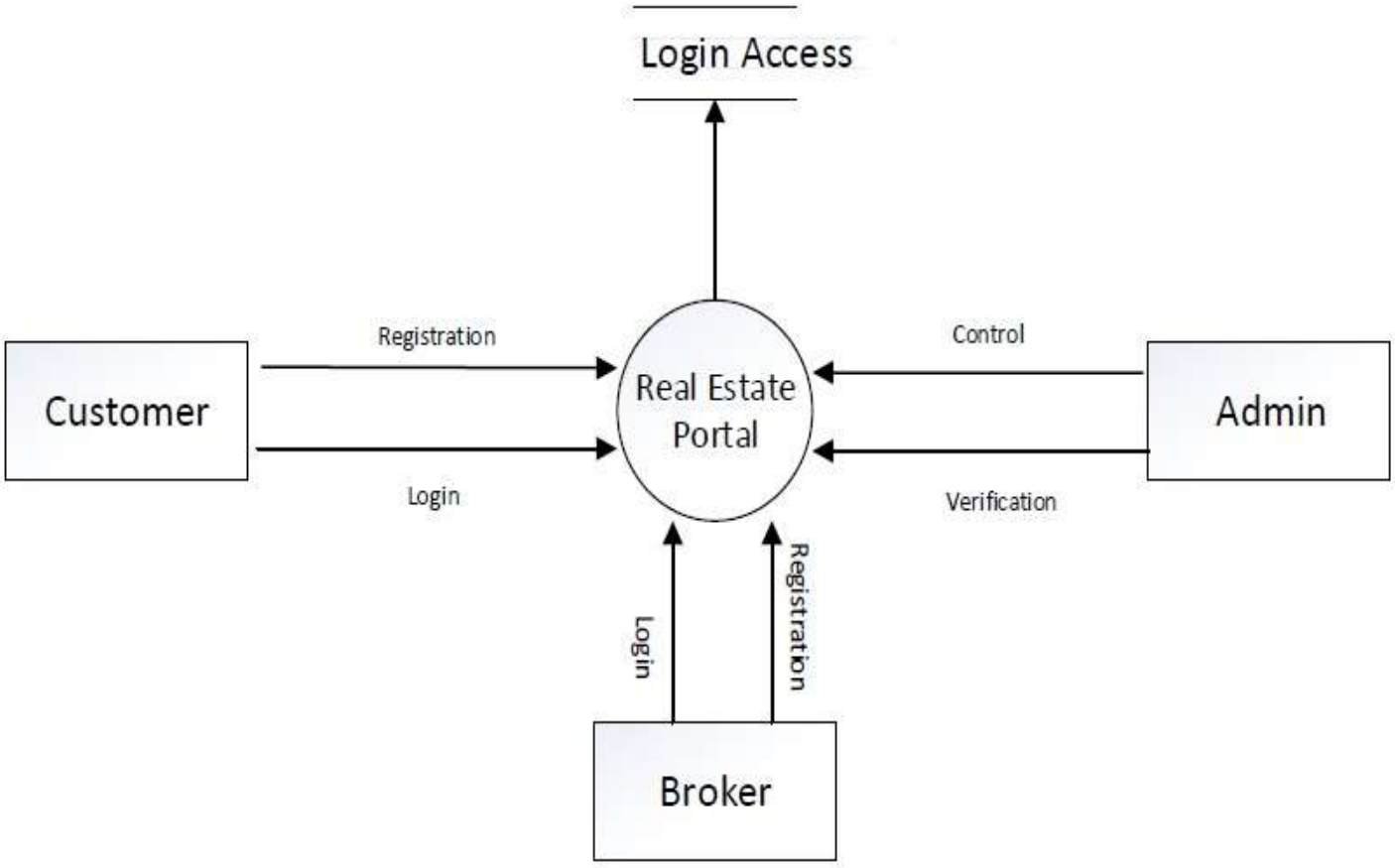
Risk planning is the document that is prepared to foresee risks, estimate impacts and define response to issues. It also contains risk assessment matrix. Proper planning should be done to avoid the negative impact of the risk to the project. Planning can be to foresee short term development or can be for long term development. Risk taken should be calculated one in case of crisis one should act smartly to overcome the negative impacts of risks. Risk planning develops solution for the risks that hinders the progress of the system. It is the process of identifying the risk management skills. The risk planning process should result in developing a feasible and efficient plan for minimizing risk occurrence rate and exploiting available resources.

CHAPTER – 4

System Modelling

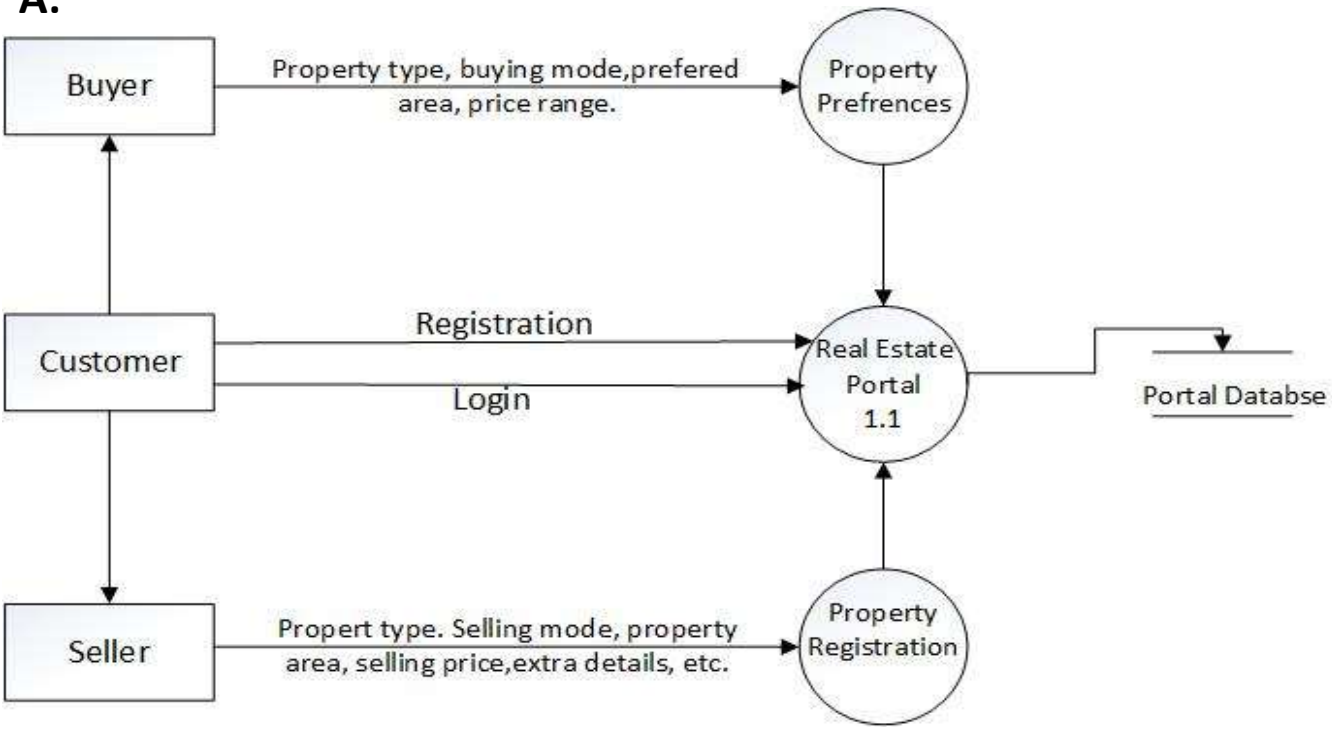
4.1 Data Flow Diagram

4.1.1 Context Level Diagram

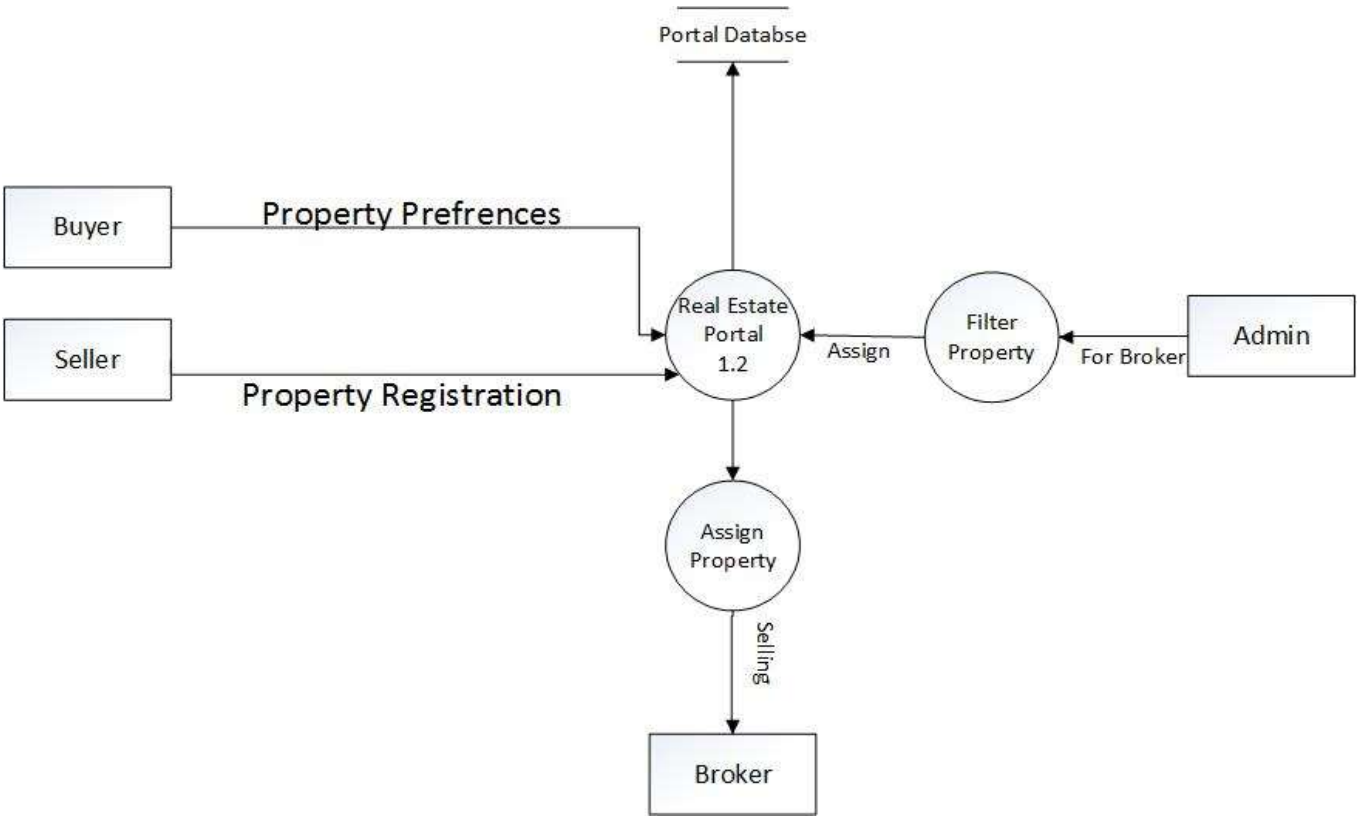


4.1.2 Level 1 DFD

A:

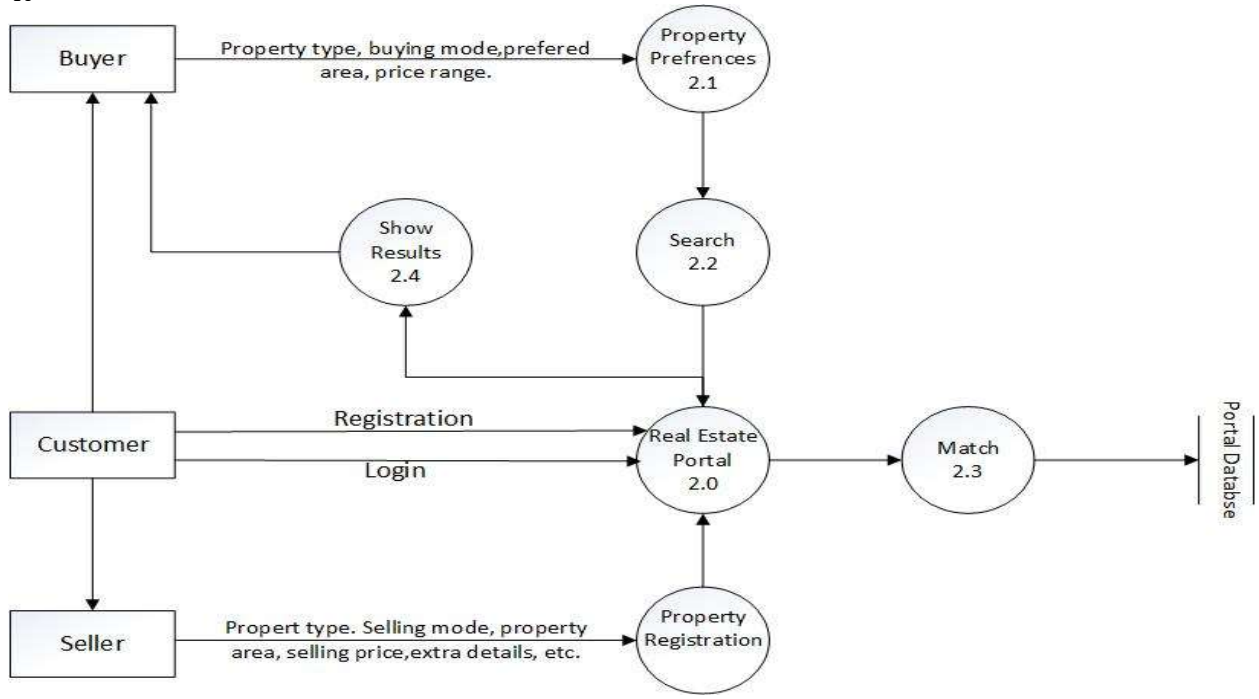


B :



4.1.3 Level 2 DFD

A:



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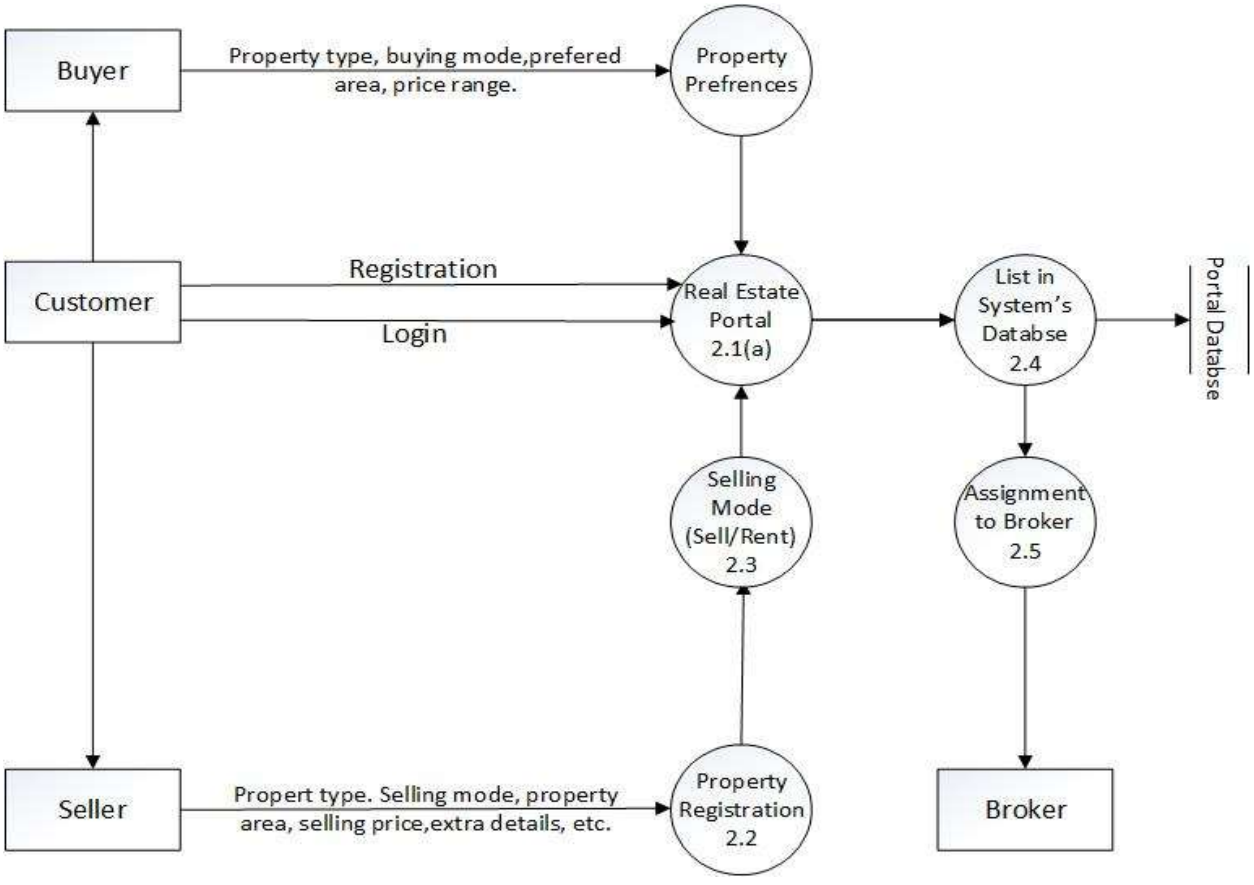
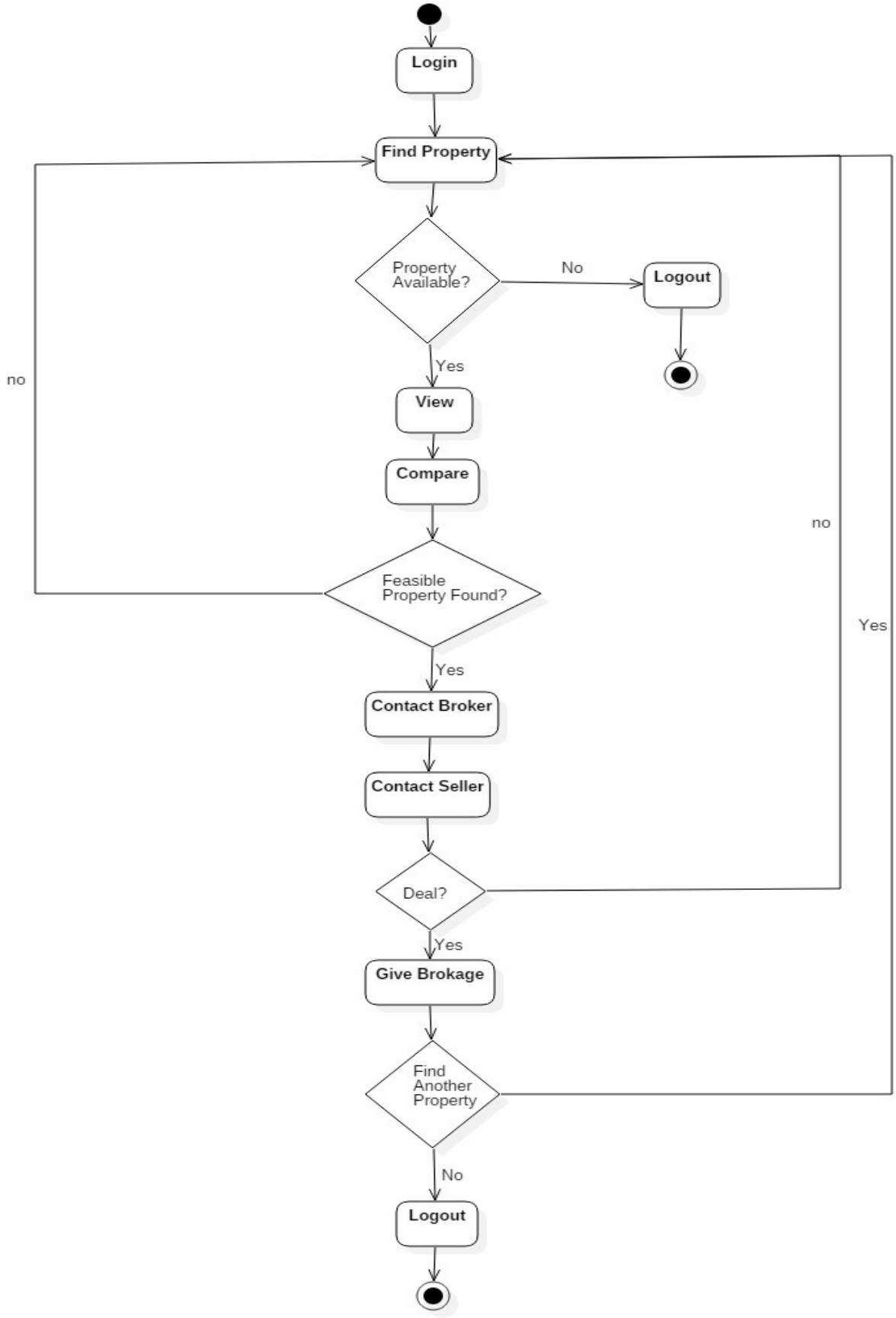
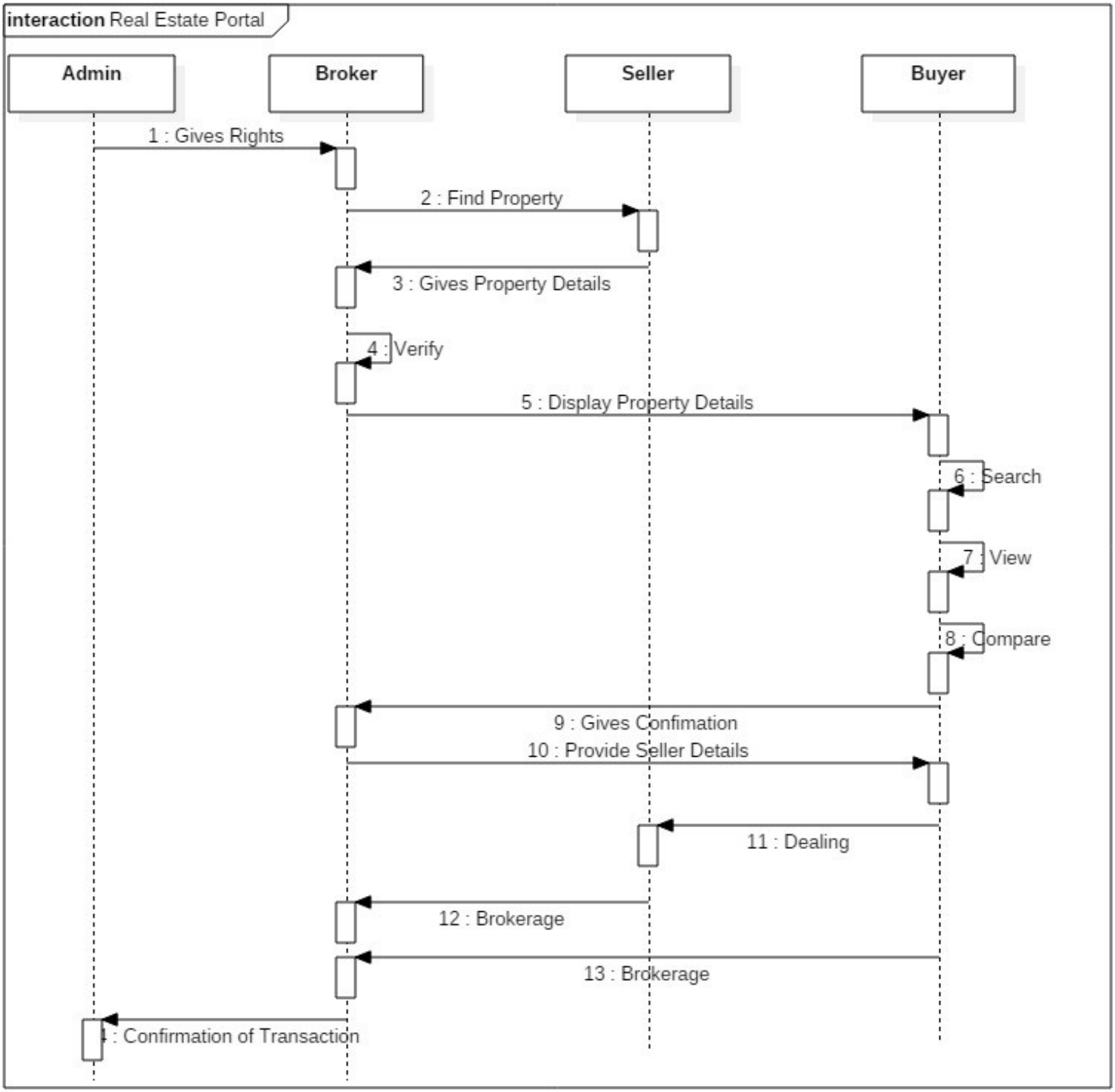


4.2 Use Case Diagram

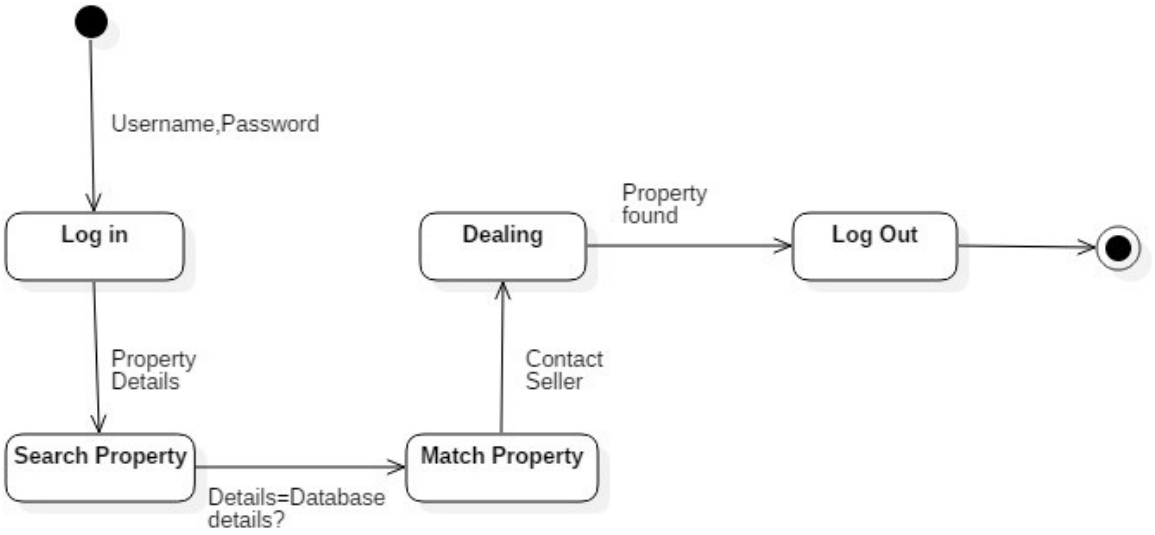
4.3 Activity Diagram



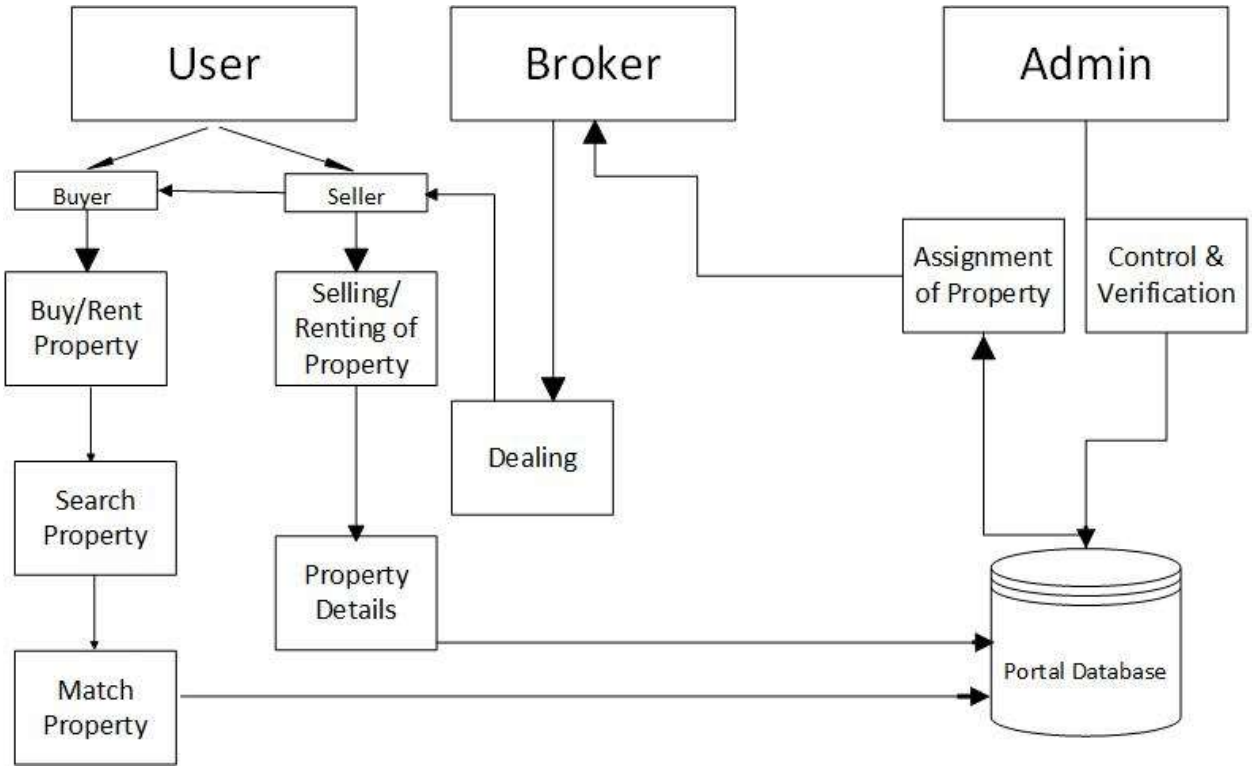
4.4 Sequence Diagram



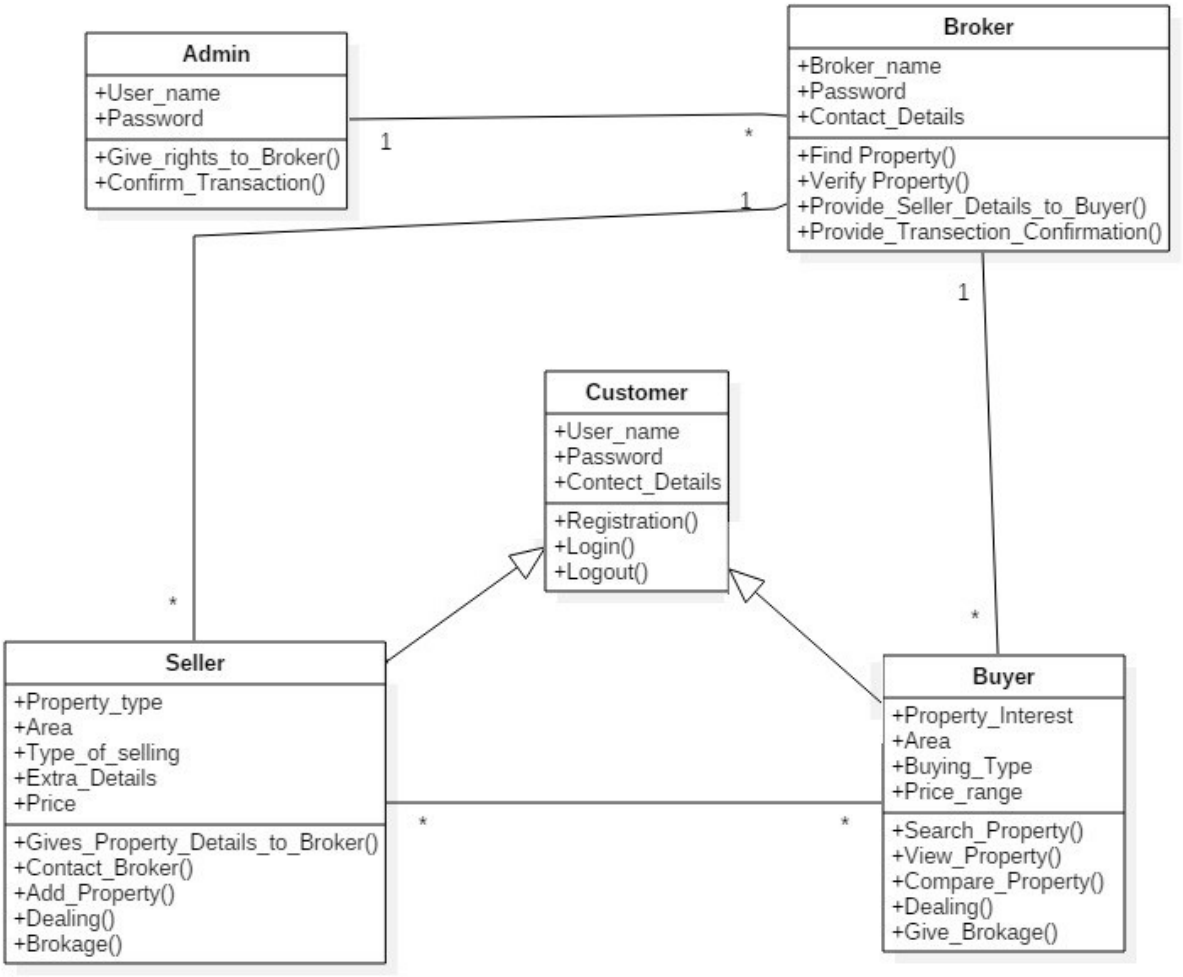
4.5 State Transition Diagram



4.6 System Architecture



4.7 Class Diagram



CHAPTER – 5

Data Modelling and Design

5.1 Data Dictionary

Data Dictionaries are an integral component of analysis, since data flow diagram by does not fully describe the subjects of the investigation.

A data dictionary is a catalog of the elements in the system. This element focuses on data and the way they are structured to meet user‘s requirements and needs. The major elements are dataflow, data stores and processes. Data dictionary stores details and description of these elements.

It is developed during data analysis and assists analysis involved in determining the system. Four main reasons of analysis are:

- To manage the details in large system.
- To communicate a common meaning for all system elements.
- To document the features of the system.
- To locate the errors and omissions in the system.

The data dictionary contains two types of descriptions as following:

1. **Data Elements:** The most fundamental data level is the data element. Data element is the building block for all others in the system.

2. **Data Structure:** A data structure is a set of items that are related to one another that describes components in the system.

Database Tables:

1) Tbl_Prop_Mst

tbl_Prop_Mst			
Column Name	**DataType**	**Allow Nulls**	**Description**
Prop_Mst_Id	bigint	Unchecked	It stores Prop_Mst_Id
PropertyId	bigint	Checked	It stores PropertyId
AddressLine 1	nvarchar(50)	Checked	It stores Address
AddressLine 2	nvarchar(50)	Checked	
Area	nvarchar(50)	Checked	It stores Area
City	nvarchar(50)	Checked	It stores City
State	nvarchar(50)	Checked	It stores State
Country	nvarchar(50)	Checked	It stores Country
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
UpdateDate	datetime	Checked	It stores which system made the Entry
CreateUser	bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

2) Tbl_Property_Type

tbl_Property_Type			
Column Name	**DataType**	**Allow Nulls**	**Description**
PropertyId	bigint	Unchecked	It stores PropertyId
PropertyTitle	nvarchar(50)	Checked	It stores Property Title
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
UpdateDate	datetime	Checked	It stores which system made the Entry
CreateUser	bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

3) Tbl_Prop_Specification

tbl_Prop_Specification			
Column Name	**DataType**	**Allow Nulls**	**Description**
Prop_Spac_Id	bigint	Unchecked	It stores Property Specification Id
Prop_Mst_Id	bigint	Checked	It stores Prop_mst_id
Specification	nvarchar(50)	Checked	It stores Specification
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
UpdateDate	datetime	Checked	It stores which system made the Entry
CreateUser	bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

4) Tbl_Slider

tbl_Slider			
Column Name	**DataType**	**Allow Nulls**	**Description**
SliderId	Bigint	Unchecked	It stores SliderId
Title	nvarchar(50)	Checked	It stores Title
SliderImage	nvarchar(MAX)	Checked	It stores SliderImage Path
Discription	nvarchar(MAX)	Checked	It stores Slider Description
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	Datetime	Checked	It stores Date and Time when the data was created
UpdateDate	Datetime	Checked	It stores which system made the Entry
CreateUser	Bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	Bigint	Checked	It stores which system made the Update

5) tbl_Prop_Detail

tbl_Prop_Detail			
Column Name	**DataType**	**Allow Nulls**	**Description**
Prop_Detail_Id	bigint	Unchecked	It stores Property DetailId
Rate_sqft	numeric(18, 0)	Checked	It stores Rate_sqft

Total_sqft	numeric(18, 0)	Checked	It stores Total_sqft
Total_Rate	numeric(18, 0)	Checked	It stores Rate
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
UpdateDate	datetime	Checked	It stores which system made the Entry
CreateUser	bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

6) tbl_Testimonial

tbl_Testimonial			
Column Name	**DataType**	**Allow Nulls**	**Description**
TestimonialId	bigint	Unchecked	It stores TestimonialId
Name	nvarchar(50)	Checked	It stores Name
Image	nvarchar(MAX)	Checked	It stores Image path
Comment	nvarchar(50)	Checked	It stores Comments
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateUser	Bigint	Checked	It stores Date and Time when the data was created
UpdateUser	Bigint	Checked	It stores which system made the Entry
CreateDate	Datetime	Checked	It stores the Date and Time when the data was Updated
UpdateDate	Datetime	Checked	It stores which system made the Update

7) tbl_Rent_Type

tbl_Rent_Type			
Column Name	**DataType**	**Allow Nulls**	**Description**
RentId	Bigint	Unchecked	It stores RentId
RentTitle	nvarchar(50)	Checked	It stores Rent Title
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	Datetime	Checked	It stores Date and Time when the data was created

UpdateDate	Datetime	Checked	It stores which system made the Entry
CreateUser	Bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	Bigint	Checked	It stores which system made the Update

8) tbl_Contact

tbl_Contact			
Column Name	**DataType**	**Allow Nulls**	**Description**
Contact_Id	Bigint	Unchecked	It stores ContactId
Name	nvarchar(50)	Checked	It stores Name
Phone_Number	numeric(10, 0)	Checked	It stores Phone Number
Mobile_Number	numeric(10, 0)	Checked	It stores Mobile Number
Fax	numeric(10, 0)	Checked	It stores Fax Number
Email	nvarchar(50)	Checked	It stores EmailId
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	Datetime	Checked	It stores Date and Time when the data was created
UpdateDate	Datetime	Checked	It stores which system made the Entry
CreateUser	Bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	Bigint	Checked	It stores which system made the Update

9) tbl_Company_Profile

tbl_Company_Profile			
Column Name	**DataType**	**Allow Nulls**	**Description**
CompanyId	Bigint	Unchecked	It stores CompanyId
CompanyName	nvarchar(50)	Checked	It stores Company Name
CompanyLogo	nvarchar(MAX)	Checked	It stores Company Logo
AddressLine1	nvarchar(50)	Checked	It stores Address
AddressLine2	nvarchar(50)	Checked	
City	nvarchar(50)	Checked	It stores CityName
State	nvarchar(50)	Checked	It stores StateName
Country	nvarchar(50)	Checked	It stores Conutry Name
EmailId	nvarchar(50)	Checked	It stores EmailId
MobileNo	numeric(10, 0)	Checked	It stores Mobile Number

PhoneNo	numeric(10, 0)	Checked	It stores Phone Number
WebSite	nvarchar(MAX)	Checked	It stores Company Website
MapLink	nvarchar(MAX)	Checked	It stores Maplink of the Company
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	Datetime	Checked	It stores Date and Time when the data was created
UpdateDate	Datetime	Checked	It stores which system made the Entry
CreateUser	Bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	Bigint	Checked	It stores which system made the Update

10) tbl_Admin_Login

tbl_Admin_Login			
Column Name	**DataType**	**Allow Nulls**	**Description**
Name	nvarchar(50)	Unchecked	It stores Admin's Name
EmailId	nvarchar(50)	Checked	It stores Admin's EmailId
MobileNo	numeric(10, 0)	Checked	It stroes Admin's Mobile Number
Password	nvarchar(50)	Checked	It stroes Admin's Password
Address	nvarchar(50)	Checked	It stroes Admin's Address
CityId	bigint	Checked	It stroes CityId
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
CreateUser	bigint	Checked	It stores which system made the Entry
UpdateDate	datetime	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

11) tbl_Agent_Registration

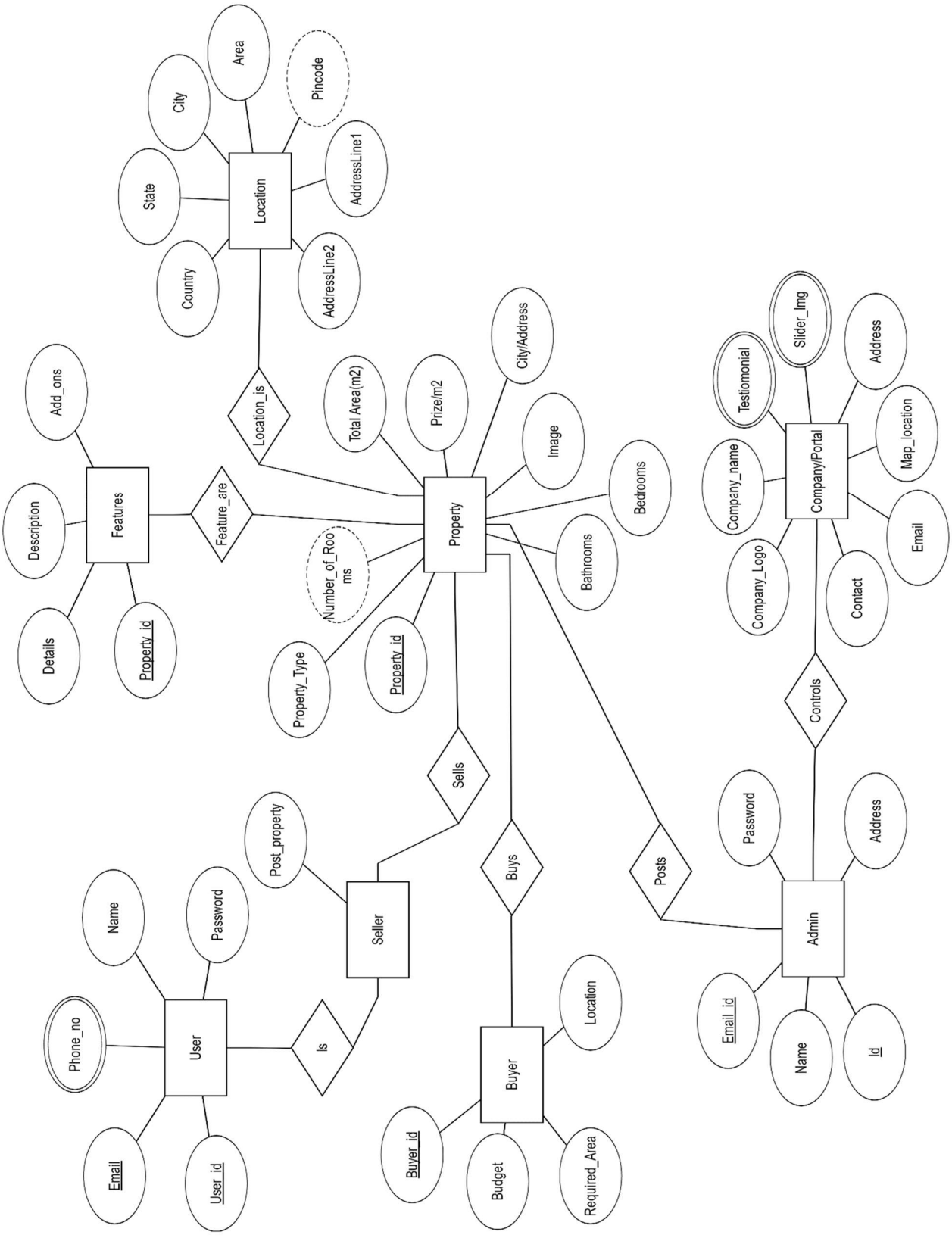
tbl_Agent_Registration			
Column Name	**DataType**	**Allow Nulls**	**Description**
Agent_Id	Bigint	Unchecked	It stores Agent's Id
Name	nvarchar(50)	Checked	It stores Agent's Name
Email	nvarchar(50)	Checked	It stores Agent's EmailId
Password	nvarchar(50)	Checked	It stores Agent's Password
Mobile_Number	numeric(10, 0)	Checked	It stores Agent's Mobile Number

Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	Datetime	Checked	It stores Date and Time when the data was created
UpdateDate	Datetime	Checked	It stores which system made the Entry
CreateUser	Bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	Bigint	Checked	It stores which system made the Update

12) tbl_Client_Registration

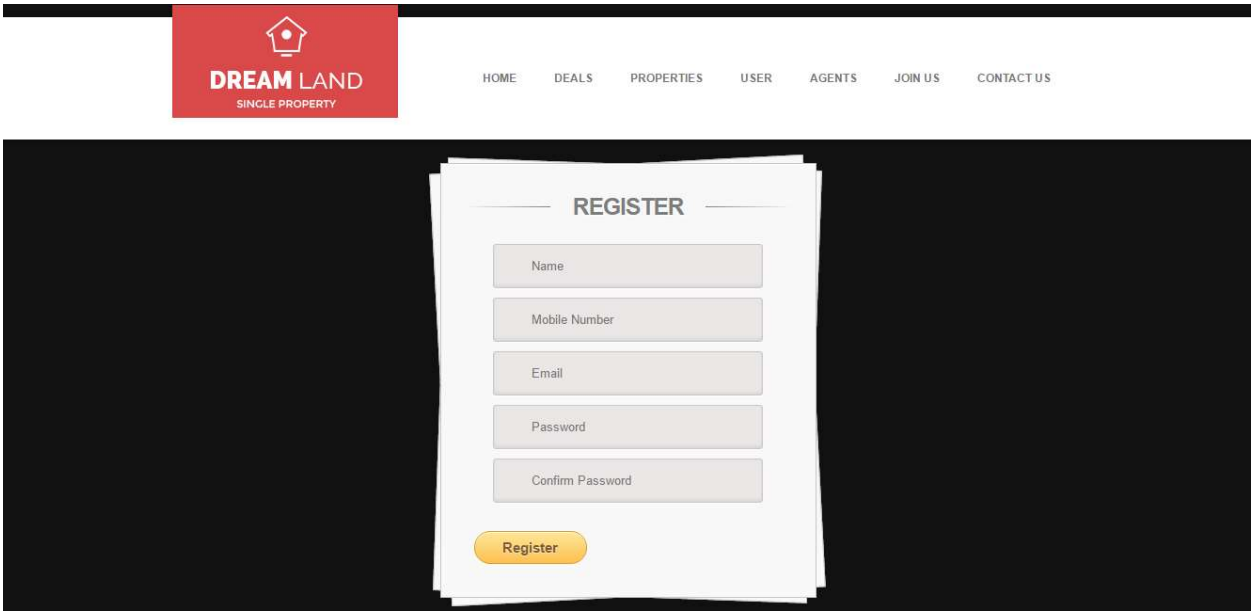
tbl_Client_Registration			
Column Name	**DataType**	**Allow Nulls**	**Description**
Client_Id	bigint	Unchecked	It stores ClientId
Name	nvarchar(50)	Checked	It stores Client's Name
Email	nvarchar(50)	Checked	It stores Client's EmailId
Password	nvarchar(50)	Checked	It stores Client's Password
Mobile_Number	numeric(10, 0)	Checked	It stores Client's Mobile Number
Flag	nchar(1)	Checked	It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate	datetime	Checked	It stores Date and Time when the data was created
UpdateDate	datetime	Checked	It stores which system made the Entry
CreateUser	bigint	Checked	It stores the Date and Time when the data was Updated
UpdateUser	bigint	Checked	It stores which system made the Update

5.2 Database Relationship Diagram



5.3 Input/Output & Interface Design

Samples of Forms, Reports and Interface



Note – All The Pages are Designed using Master Page

1) user_registration.aspx

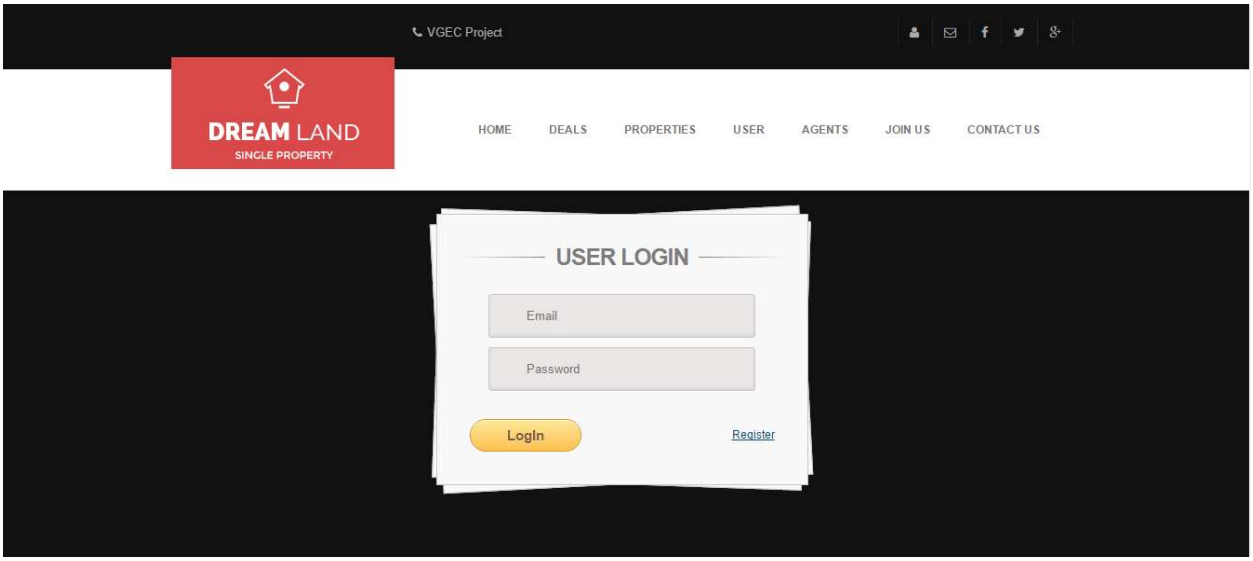
```
<%@ Page Title="" Language="C#" MasterPageFile="~/Client/Client.Master" AutoEventWireup="true" CodeBehind="user_registration.aspx.cs" Inherits="Ext_RealEstate.Client.user_registration" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <link href="css/style.css" rel="stylesheet" />
    <script type="text/javascript">
        function Validate() {
            var password = document.getElementById("<%=password.ClientID %>").value;
            var confirmPassword = document.getElementById("<%=confirmpassword.ClientID %>").value;

            if (password != confirmPassword) {
                alert("Passwords do not match.");
                return false;
            }

            return true;
        }
    </script>

</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
```

```
22)     <body>
23)         <div class="container">
24)             <section id="content">
25)                 <form action="" runat="server">
26)                     <h1>Register</h1>
27)                     <div>
28)                         <asp:TextBox ID="username" placeholder="Name"
    runat="server"></asp:TextBox>
29)                     </div>
30)                     <div>
31)                         <asp:TextBox ID="mobile_no" placeholder="Mobile Number"
    runat="server"></asp:TextBox>
32)                     </div>
33)                     <div>
34)                         <asp:TextBox ID="email" placeholder="Email"
    runat="server"></asp:TextBox>
35)                     </div>
36)                     <div>
37)                         <asp:TextBox ID="password" placeholder="Password"
    type="password" runat="server"></asp:TextBox>
38)                     </div>
39)
40)                     <div>
41)                         <asp:TextBox ID="confirmpassword" placeholder="Confirm
    Password" type="password" runat="server"></asp:TextBox>
42)                     </div>
43)
44)                     <div>
45)                         <asp:Button ID="Register" runat="server" Text="Register"
    OnClick="Register_Click" OnClientClick="return Validate();" />
46)
47)                     </div>
48)                 </form>
49)                 <!-- form -->
50)                 <!-- button -->
51)             </section>
52)             <!-- content -->
53)         </div>
54)         <!-- container -->
55)     </body>
56) </asp:Content>
```

2) user_registration.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
```

```
namespace Ext_RealEstate.Client
{
    public partial class user_registration : System.Web.UI.Page
    {
        prop objValue = new prop();
        static String ConnString =
System.Configuration.ConfigurationSettings.AppSettings["Conn"].ToString();
        SqlConnection cn = new SqlConnection(ConnString);
        DataTable dt = new DataTable();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                if (!IsPostBack)
                {


                }
            }
            catch (Exception)
            {

            }
        }

        protected void Register_Click(object sender, EventArgs e)
        {
            objValue.Name = username.Text;
            objValue.MobileNumber = Convert.ToInt64(mobile_no.Text);
            objValue.EmailId = email.Text;
            objValue.Password = password.Text;
            objValue.Flag = "A";
            objValue.CreateDate = System.DateTime.Now;
            objInteraction.userregisterInsert(objValue);
            username.Text = "";
            mobile_no.Text = "";
            email.Text = "";
            password.Text = "";
            Response.Redirect("user_login.aspx");
        }
    }
}
```



3) user_login.aspx

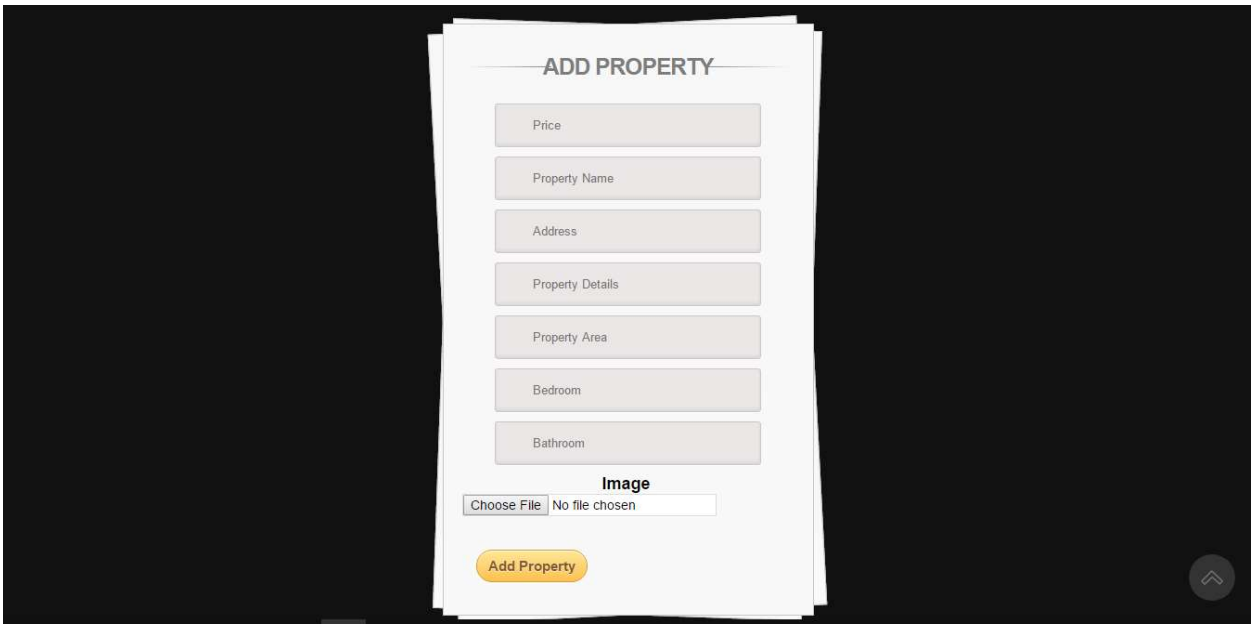
```
<%@ Page Title="" Language="C#" MasterPageFile="~/Client/Client.Master"
AutoEventWireup="true" CodeBehind="user_login.aspx.cs"
Inherits="Ext_RealEstate.Client.user_login" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <script type="text/javascript">
        function Dialouge() {
            alert("Enter Correct Credentials");
            return true;
        }
    </script>
    <link href="css/style.css" rel="stylesheet" />
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <body>
        <div class="container">
            <section id="content">
                <form action="" runat="server">
                    <h1> User Login</h1>
                    <div>
                        <asp:TextBox ID="email" placeholder="Email"
runat="server"></asp:TextBox>
                    </div>
                    <div>
                        <asp:TextBox ID="password" type="password" placeholder="Password"
runat="server"></asp:TextBox>
                    </div>
                    <div>
                        <asp:Button ID="user_log" runat="server" Text="LogIn"
OnClick="user_login_Click" />


                        <a href="user_registration.aspx">Register</a>
                    </div>
                </form>
                <!-- form -->
```

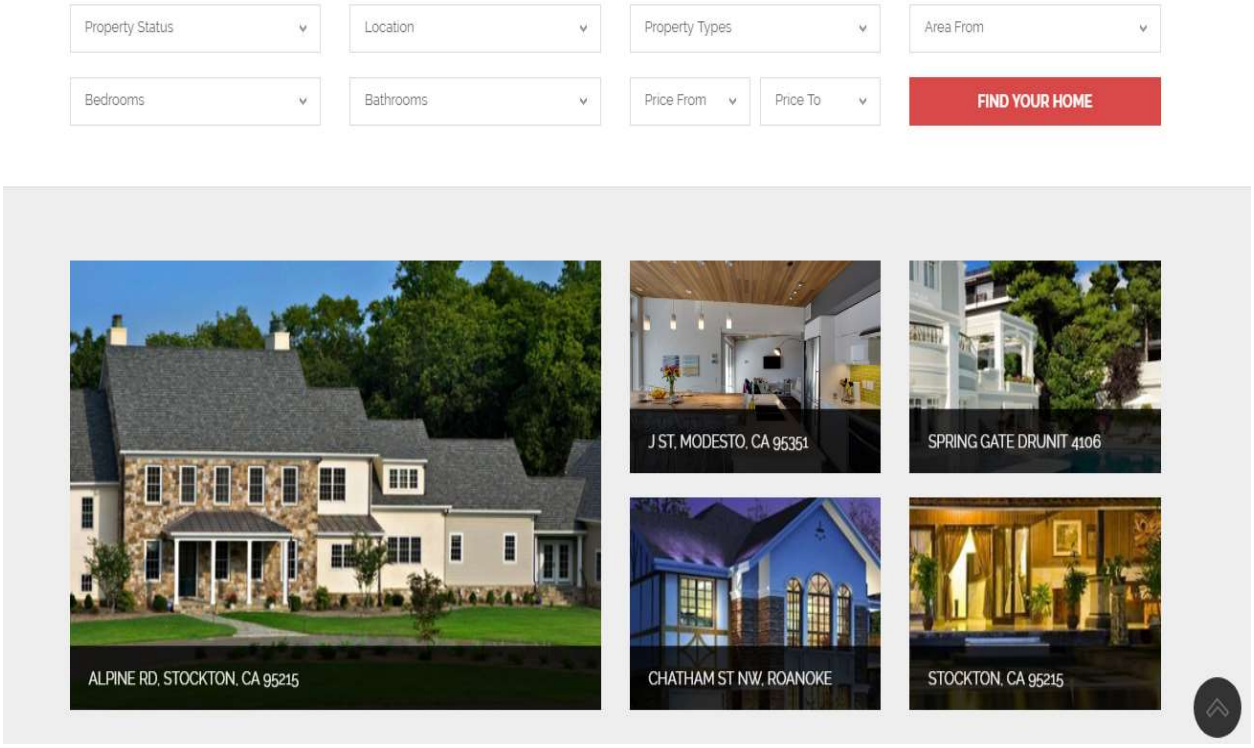
```
                <!-- button -->
            </section>
            <!-- content -->
        </div>
        <!-- container -->
    </body>
</asp:Content>
```

4) user_login.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Client
{
    public partial class user_login : System.Web.UI.Page
    {

        prop objValue = new prop();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void user_login_Click(object sender, EventArgs e)
        {
            objValue.Email = email.Text;
            objValue.Password = password.Text;
            ds = objInteraction.UserLogin(objValue);
            if (ds.Tables.Count > 0)
            {
                if (ds.Tables[0].Rows.Count > 0)
                {

                    //Response.Cookies["Login"]["Id"] =
ds.Tables[0].Rows[0]["Id"].ToString();
                    Response.Cookies["Login"]["Email"] =
ds.Tables[0].Rows[0]["Email"].ToString();
                    Response.Cookies["Login"]["Password"] =
ds.Tables[0].Rows[0]["Password"].ToString();
                    Session["Loginname"] = ds.Tables[0].Rows[0]["Name"].ToString();
                    Session["Email"] = ds.Tables[0].Rows[0]["Email"].ToString();
                    Session["Mobile_Number"] =
ds.Tables[0].Rows[0]["Mobile_Number"].ToString();
                    Response.Cookies["Login"].Expires = DateTime.Now.AddDays(1);
```

```
                    var name = ds.Tables[0].Rows[0]["Name"].ToString();
                    if (name=="Admin")
                    {
                        Response.Redirect("../Admin/default.aspx");
                    }
                    else
                    {
                        Response.Redirect("default.aspx");
                    }
                    String Id = ds.Tables[0].Rows[0]["Id"].ToString();
                    Response.Redirect("default.aspx?Id=" + Id);

                }
                else
                {
                    //Response.Redirect("signin.aspx");
                    ScriptManager.RegisterStartupScript(this, GetType(),
"displayalertmessage", "Dialouge()", true);
                }
            }
            else
            {
                //Response.Redirect("signin.aspx");
                ScriptManager.RegisterStartupScript(this, GetType(),
"displayalertmessage", "Dialouge()", true);

            }

        }
        }
    }
```


ADD PROPERTY
Price
Property Name
Address
Property Details
Property Area
Bedroom
Bathroom
Image
Choose File
No file chosen
Add Property


Property Status
Location
Property Types
Area From
Bedrooms
Bathrooms
Price From
Price To
FIND YOUR HOME
ALPINE RD, STOCKTON, CA 95215
J ST, MODESTO, CA 95351
SPRING GATE DRUNIT 4106
CHATHAM ST NW, ROANOKE
STOCKTON, CA 95215

PROPERTIES

ALL HOUSE OFFICES APARTMENT RESIDENTIAL

Poolside character home on a wide 422sqm

Ferris Park, Jersey City Land in Sales

Area: 450^{m2} 3 2

Presidential Parcel Frames Command Views of Mt. Rushmore

Ferris Park, Jersey City Land in Sales

Area: 450^{m2} 3 2

Californian Class, Grand Family Proportions

Ferris Park, Jersey City Land in Sales

Area: 450^{m2} 3 2

WHO WE ARE

We have a total of 25+ years combined experience dealing exclusively with New York buyers and sellers ipsum dolor sit amet, consectetur adipiscing elit.

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Experience the best value for your property with us.

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CARE +

FOREVER +

HAPPY CLIENTS

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Preet Parikh

Office : 9974245531

Mobile : 8866447925

Fax : 7927500060

Mail: preetparikh8@yahoo.com

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Free Credit Report
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PAGES

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Contact Us
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Property Custom Field
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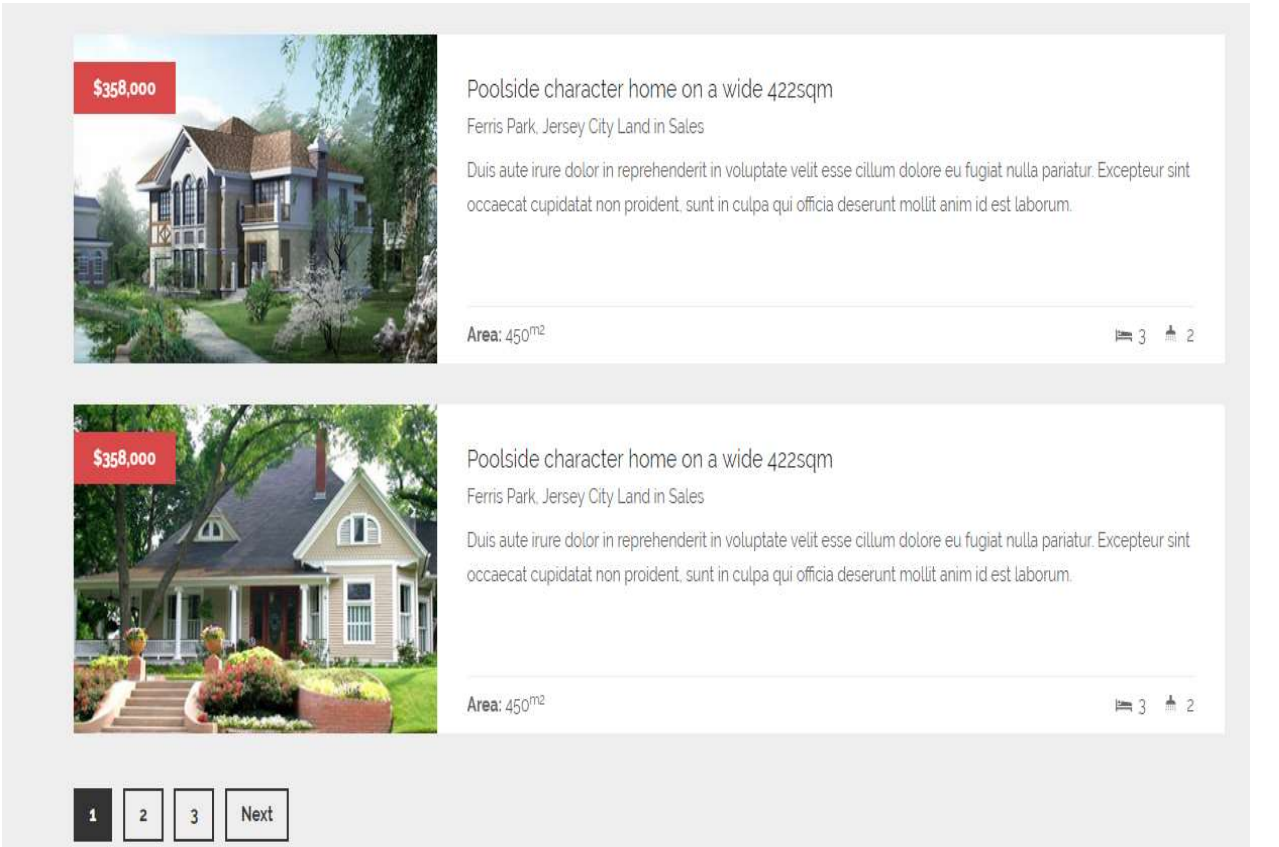
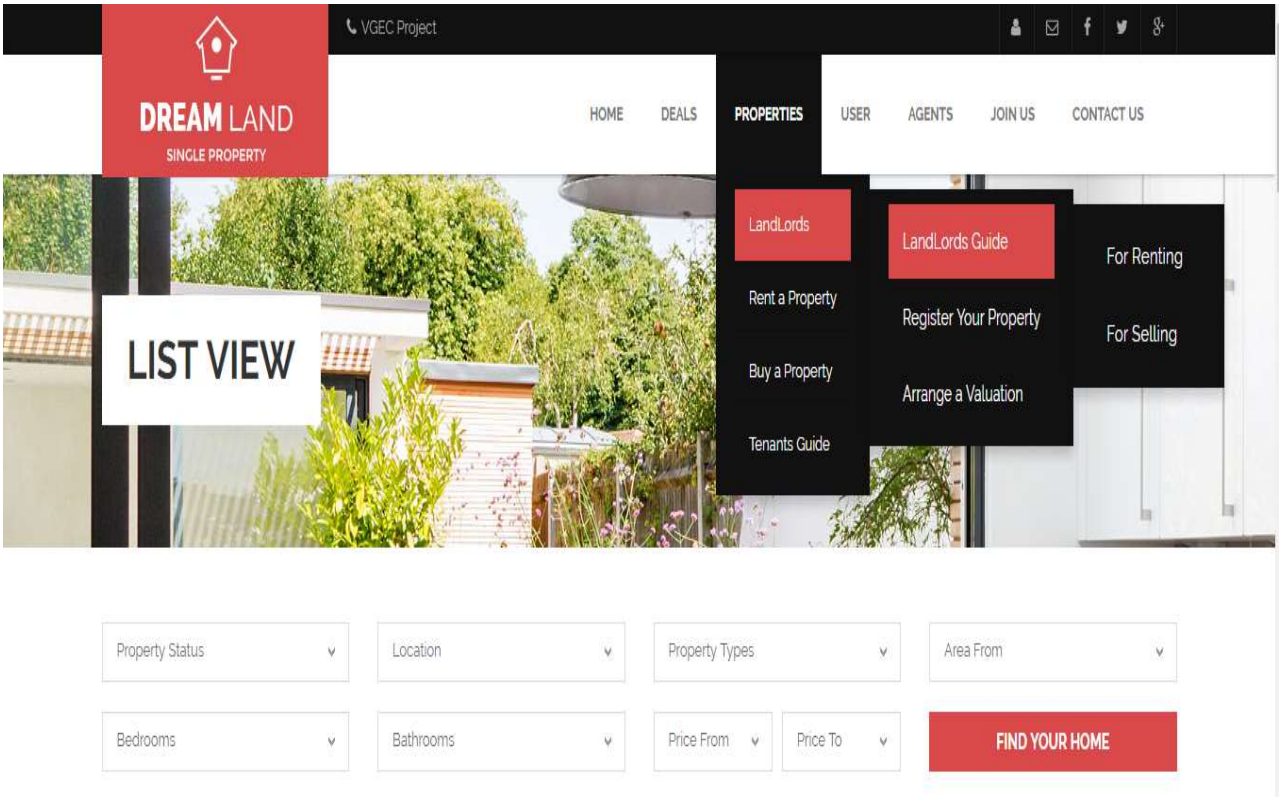

$358,000
Poolside character home on a wide 422sqm
Ferris Park, Jersey City Land in Sales
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
Area: 450m2
3
2
$358,000
Poolside character home on a wide 422sqm
Ferris Park, Jersey City Land in Sales
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
Area: 450m2
3
2
1
2
3
Next


VGEC Project
DREAM LAND
SINGLE PROPERTY
HOME
DEALS
PROPERTIES
USER
AGENTS
JOIN US
CONTACT US
LandLords
Rent a Property
Buy a Property
Tenants Guide
LandLords Guide
Register Your Property
Arrange a Valuation
For Renting
For Selling
LIST VIEW
Property Status
Location
Property Types
Area From
Bedrooms
Bathrooms
Price From
Price To
FIND YOUR HOME

Your address
VGEC. Chandkheda.

Phone. 012.666.999
Fax. 012.666.999
Email. projects@vgec.ac.in

OFFFICE HOUSE

Order Descending Sort by Name

Poolside character home on a wide 422sqm

Ferris Park. Jersey City Land in Sales

Area: 450^{m2} 3 2

Presidential Parcel Frames Command Views of Mt. Rushmore

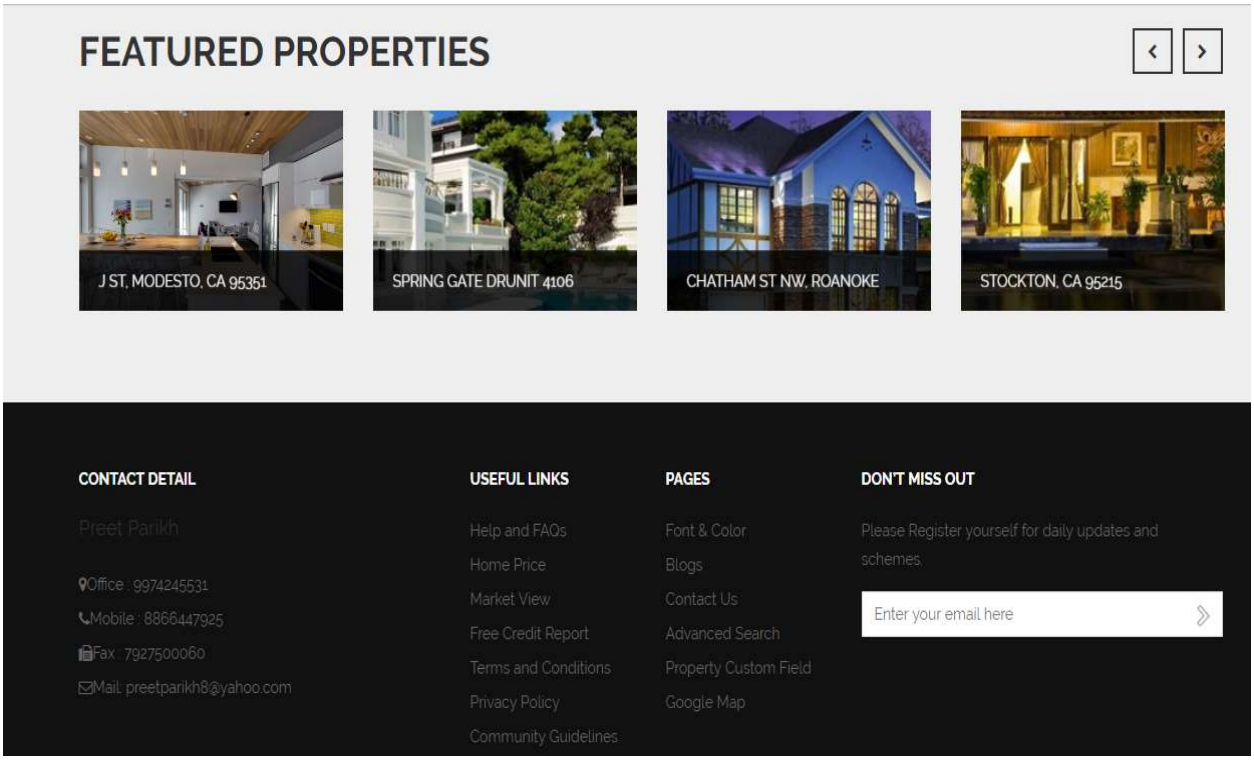
Ferris Park. Jersey City Land in Sales

Area: 450^{m2} 3 2

Californian Class, Grand Family Proportions

Ferris Park. Jersey City Land in Sales

Area: 450^{m2} 3 2


FEATURED PROPERTIES
J ST, MODESTO, CA 95351
SPRING GATE DRUNIT 4106
CHATHAM ST NW, ROANOKE
STOCKTON, CA 95215
CONTACT DETAIL
Preet Parikh
Office : 9974245531
Mobile : 8866447925
Fax : 7927500060
Mail: preetparikh8@yahoo.com
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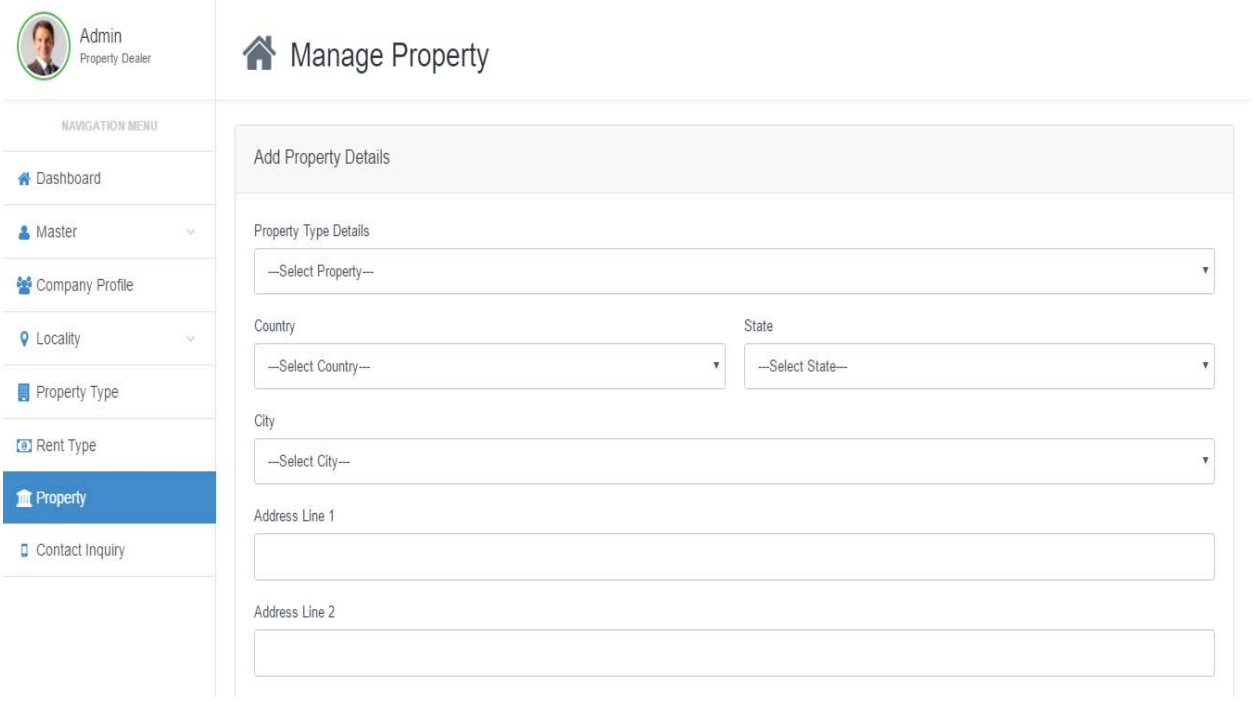
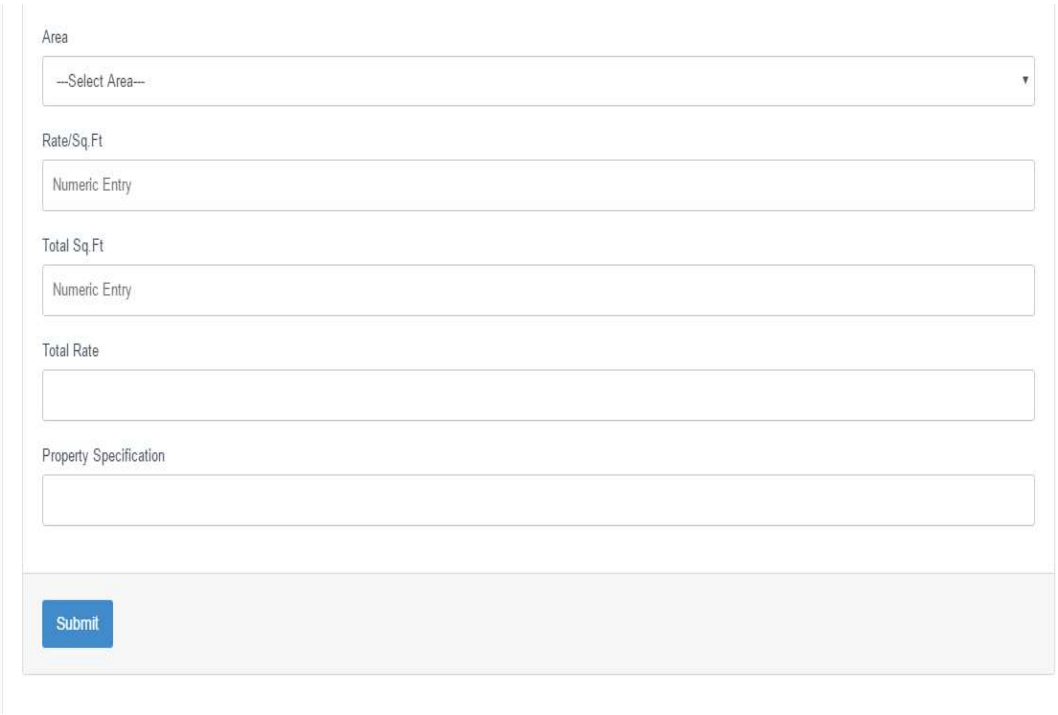

Admin
Property Dealer
NAVIGATION MENU
Dashboard
Master
Company Profile
Locality
Property Type
Rent Type
Property
Contact Inquiry
Manage Property
Add Property Details
Property Type Details
---Select Property---
Country
---Select Country---
State
---Select State---
City
---Select City---
Address Line 1
Address Line 2



1) PropertyMain.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Admin/Admin_Master.Master" AutoEventWireup="true" CodeBehind="PropertyMain.aspx.cs" Inherits="Ext_RealEstate.Admin.PropertyMain" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">


    <form id="form1" runat="server">
        <div class="mainpanel">
            <div class="pageheader">
                <div class="media">
                    <div class="pageicon pull-left">
                        <i class="fa fa-home fa-10x"></i>
                    </div>
                <div class="media-body">
                    <h4 style="margin: 16px 0 0 0">Manage Property</h4>
                </div>
                </div>
                <!-- media -->
            </div>
            <div class="contentpanel">
                <div class="row">
                    <div class="col-md-12">
                        <div class="panel panel-default">
                            <div class="panel-heading">
                                <div class="panel-btns">
```

```
29)                                     <a href="#" class="panel-minimize tooltips"
   data-toggle="tooltip" title="Minimize Panel"><i class="fa fa-minus"></i></a>
30)                                     <a href="#" class="panel-close tooltips" data-
   toggle="tooltip" title="Close Panel"><i class="fa fa-times"></i></a>
31)                                 </div>
32)                                 <!-- panel-btns -->
33)                                 <h4 class="panel-title">Add Property Details</h4>
34)                             </div>
35)                             <div class="panel-body">
36)                                 <div class="row">
37)                                     <div class="col-sm-12">
38)                                         <div class="form-group">
39)                                             <label class="control-label">Property
   Type Details</label>
40)                                             <asp:DropDownList
   ID="PropertyType_Dropdown" class="form-control" runat="server"
   AutoPostBack="true">
41)                                                 <asp:ListItem Value="">Select
   Property Type</asp:ListItem>
42)                                             </asp:DropDownList>
43)                                         </div>
44)                                         <!-- form-group -->
45)
46)                                     </div>
47)                                 </div>
48)                                 <!-- col-sm-6 -->
49)
50)                                 <div class="row">
51)                                     <div class="col-sm-6">
52)                                         <div class="form-group">
53)                                             <label class="control-
   label">Country</label>
54)                                             <asp:DropDownList ID="PropertyCountry"
   class="form-control" runat="server" AutoPostBack="true"
   OnSelectedIndexChanged="PropertyCountry_SelectedIndexChanged">
55)                                                 <asp:ListItem Value="">Select
   Country</asp:ListItem>
56)                                             </asp:DropDownList>
57)                                         </div>
58)                                         <!-- form-group -->
59)                                     </div>
60)                                     <!-- col-sm-6 -->
61)
62)
63)                                     <!-- row -->
64)
65)                                     <div class="col-sm-6">
66)                                         <div class="form-group">
67)                                             <label class="control-
   label">State</label>
68)                                             <asp:DropDownList ID="PropertyState"
   class="form-control" runat="server" AutoPostBack="true"
   OnSelectedIndexChanged="PropertyState_SelectedIndexChanged1">
69)                                                 <asp:ListItem Value="">---Select
   State---</asp:ListItem>
70)                                             </asp:DropDownList>
71)                                         </div>
72)                                         <!-- form-group -->
73)                                     </div>
```

```
74)                                     <!-- col-sm-6 -->
75)                                 </div>
76)
77)
78)                                 <div class="row">
79)                                     <div class="col-sm-12">
80)                                         <div class="form-group">
81)                                             <label class="control-
    label">City</label></br>
82)                                         <asp:DropDownList ID="PropertyCity"
    class="form-control" runat="server" AutoPostBack="true"
    OnSelectedIndexChanged="PropertyCity_SelectedIndexChanged">
83)                                             <asp:ListItem Value="">---Select City-
    --</asp:ListItem>
84)                                         </asp:DropDownList>
85)                                         </div>
86)                                         <!-- form-group -->
87)                                     </div>
88)                                 </div>
89)
90)                                 <div class="row">
91)                                     <div class="col-sm-12">
92)                                         <div class="form-group">
93)                                             <label class="control-label">Address
    Line 1</label>
94)                                             <asp:TextBox
    ID="Property_addressline1" class="form-control" runat="server"></asp:TextBox>
95)                                         </div>
96)                                         <!-- form-group -->
97)                                     </div>
98)                                 </div>
99)
100)                                    <div class="row">
101)                                        <div class="col-sm-12">
102)                                            <div class="form-group">
103)                                                <label class="control-
    label">Address Line 2</label>
104)                                            <asp:TextBox
    ID="Property_addressline2" class="form-control" runat="server"></asp:TextBox>
105)                                            </div>
106)                                            <!-- form-group -->
107)                                        </div>
108)                                    </div>
109)
110)                                    <div class="row">
111)                                        <div class="col-sm-12">
112)                                            <div class="form-group">
113)                                                <label class="control-
    label">Area</label>
114)                                            <asp:DropDownList
    ID="PropertyArea" class="form-control" runat="server" AutoPostBack="true"
    OnSelectedIndexChanged="PropertyArea_SelectedIndexChanged">
115)                                                    <asp:ListItem Value="">---
    Select Area---</asp:ListItem>
116)                                            </asp:DropDownList>
117)                                            </div>
118)                                            <!-- form-group -->
119)                                        </div>
120)                                    </div>
```

```
121)
122)                                         <div class="row">
123)                                             <div class="col-sm-12">
124)                                                 <div class="form-group">
125)                                                     <label class="control-
    label">Rate/Sq.Ft</label>
126)                                                     <asp:TextBox
    ID="Textbox_rtsqft" class="form-control" placeholder="Numeric Entry"
    runat="server"></asp:TextBox>
127)                                                 </div>
128)                                                 <!-- form-group -->
129)                                             </div>
130)                                         </div>
131)
132)                                         <div class="row">
133)                                             <div class="col-sm-12">
134)                                                 <div class="form-group">
135)                                                     <label class="control-
    label">Total Sq.Ft</label>
136)                                                     <asp:TextBox
    ID="Textbox_totsqft" class="form-control" placeholder="Numeric Entry"
    runat="server" OnTextChanged="Textbox_totsqft_TextChanged"
    AutoPostBack="true"></asp:TextBox>
137)                                                 </div>
138)                                                 <!-- form-group -->
139)                                             </div>
140)                                         </div>
141)
142)                                         <div class="row">
143)                                             <div class="col-sm-12">
144)                                                 <div class="form-group">
145)                                                     <label class="control-
    label">Total Rate</label>
146)                                                     <asp:TextBox
    ID="Textbox_totrate" class="form-control" runat="server"></asp:TextBox>
147)                                                 </div>
148)                                                 <!-- form-group -->
149)                                             </div>
150)                                         </div>
151)
152)                                         <div class="row">
153)                                             <div class="col-sm-12">
154)                                                 <div class="form-group">
155)                                                     <label class="control-
    label">Property Specification</label>
156)                                                     <asp:TextBox
    ID="Textbox_PropSpec" class="form-control" runat="server"></asp:TextBox>
157)                                                 </div>
158)                                                 <!-- form-group -->
159)                                             </div>
160)                                         </div>
161)
162)                                         <div class="col-sm-6">
163)                                             <!-- form-group -->
164)                                         </div>
165)                                         <!-- col-sm-6 -->
166)                                     </div>
167)                                     <!-- row -->
168)
```

```
169)                                <!-- panel-body -->
170)                                <div class="panel-footer">
171)                                    <asp:Button ID="PropertyDetails_Submit"
    class="btn btn-primary" runat="server" Text="Submit"
    OnClick="PropertyDetails_Submit_Click1" OnClientClick="return
    userValidproperty();" />
172)                                </div>
173)                                </div>
174)                            </div>
175)                        </div>
176)                    </div>
177)                </div>
178)            </form>
179)        </asp:Content>
```

2) PropertyMain.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Admin
{
    public partial class PropertyMain : System.Web.UI.Page
    {
        prop objValue = new prop();
        static String ConnString =
System.Configuration.ConfigurationSettings.AppSettings["Conn"].ToString();
        SqlConnection cn = new SqlConnection(ConnString);
        DataTable dt = new DataTable();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                if (!IsPostBack)
                {
                    PropertyType_DropdownBind();
                    PropertyCountryBind();


                }
            }
            catch (Exception)
            {
```

```
    }
}


private void PropertyAreaBind()
{
    try
    {
        ds = objInteraction.AreaSelectAll();
        if (ds.Tables.Count > 0)
        {
            if (ds.Tables[0].Rows.Count > 0)
            {
                PropertyArea.DataTextField = "AreaTitle";
                PropertyArea.DataValueField = "AreaId";
                PropertyArea.DataSource = ds.Tables[0];
                PropertyArea.DataBind();
                PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));



            }
            else
            {
                PropertyArea.DataSource = null;
                PropertyArea.DataBind();
                PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));
            }


        }

        else
        {
            PropertyArea.DataSource = null;
            PropertyArea.DataBind();
            PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));
        }

    }


    catch (Exception ex)
    {

    }
}

private void PropertyCityBind()
{
    try
    {
        ds = objInteraction.CitySelectAll();
        if (ds.Tables.Count > 0)
        {
            if (ds.Tables[0].Rows.Count > 0)
            {
                PropertyCity.DataTextField = "CityName";
```

```
                        PropertyCity.DataValueField = "CityId";
                        PropertyCity.DataSource = ds.Tables[0];
                        PropertyCity.DataBind();
                        PropertyCity.Items.Insert(0, new ListItem("---Select City---"));



                    }
                    else
                    {
                        PropertyCity.DataSource = null;
                        PropertyCity.DataBind();
                        PropertyCity.Items.Insert(0, new ListItem("---Select City---"));
                    }


                }

                else
                {
                    PropertyCity.DataSource = null;
                    PropertyCity.DataBind();
                    PropertyCity.Items.Insert(0, new ListItem("---Select City---"));
                }

            }


            catch (Exception ex)
            {

            }
        }

        private void PropertyStateBind()
        {
            try
            {
                ds = objInteraction.StateSelectAll();
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyState.DataTextField = "StateName";
                        PropertyState.DataValueField = "StateId";
                        PropertyState.DataSource = ds.Tables[0];
                        PropertyState.DataBind();
                        PropertyState.Items.Insert(0, new ListItem("---Select State---
"));



                    }
                    else
                    {
                        PropertyState.DataSource = null;
                        PropertyState.DataBind();
                        PropertyState.Items.Insert(0, new ListItem("---Select State---
"));
```

```
                    }


                }

                else
                {
                    PropertyState.DataSource = null;
                    PropertyState.DataBind();
                    PropertyState.Items.Insert(0, new ListItem("---Select State---"));
                }

            }


            catch (Exception ex)
            {

            }
        }

        private void PropertyCountryBind()
        {

            try
            {
                ds = objInteraction.CountrySelectAll();
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyCountry.DataTextField = "CountryName";
                        PropertyCountry.DataValueField = "CountryId";
                        PropertyCountry.DataSource = ds.Tables[0];
                        PropertyCountry.DataBind();
                        PropertyCountry.Items.Insert(0, new ListItem("---Select Country--
-"));




                    }
                    else
                    {
                        PropertyCountry.DataSource = null;
                        PropertyCountry.DataBind();
                        PropertyCountry.Items.Insert(0, new ListItem("---Select Country--
-"));
                    }


                }

                else
                {
                    PropertyCountry.DataSource = null;
                    PropertyCountry.DataBind();
                    PropertyCountry.Items.Insert(0, new ListItem("---Select Country---
"));
```

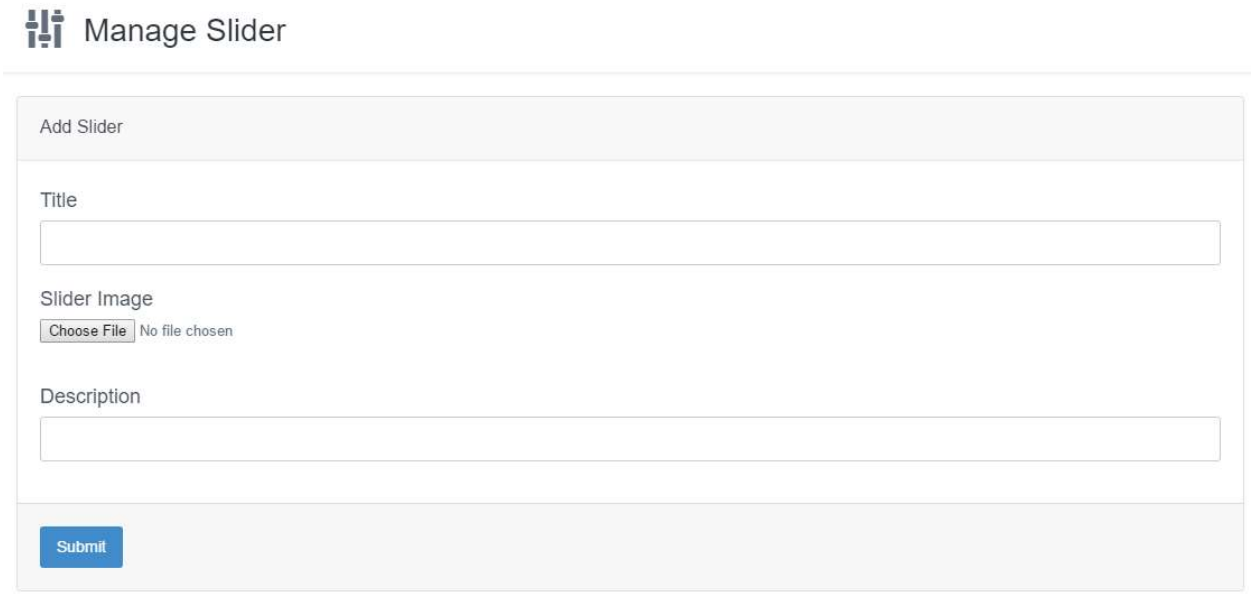
```
                }

            }


            catch (Exception ex)
            {

            }
        }

        private void PropertyType_DropdownBind()
        {

            try
            {
                ds = objInteraction.PropertyTypeSelectAll();
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyType_Dropdown.DataTextField = "PropertyTitle";
                        PropertyType_Dropdown.DataValueField = "PropertyId";
                        PropertyType_Dropdown.DataSource = ds.Tables[0];
                        PropertyType_Dropdown.DataBind();
                        PropertyType_Dropdown.Items.Insert(0, new ListItem("---Select
Property---"));



                    }
                    else
                    {
                        PropertyType_Dropdown.DataSource = null;
                        PropertyType_Dropdown.DataBind();
                        PropertyType_Dropdown.Items.Insert(0, new ListItem("---Select
Property---"));
                    }


                }

                else
                {
                    PropertyType_Dropdown.DataSource = null;
                    PropertyType_Dropdown.DataBind();
                    PropertyType_Dropdown.Items.Insert(0, new ListItem("---Select
Property---"));
                }

            }


            catch (Exception ex)
            {

            }
        }
```

```
        //protected void Textbox1_TextChanged(object sender, EventArgs e)
        //{
        //    Int32 val1 = Convert.ToInt32(Textbox_rtsqft.Text);
        //    Int32 val2 = Convert.ToInt32(Textbox_totsqft.Text);
        //    Int32 val3 = val1 * val2;
        //    Textbox_totrate.Text = val3.ToString();
        //}



        //protected void PropertyState_SelectedIndexChanged(object sender, EventArgs e)
        //{

        //}

        protected void PropertyCity_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
            {
                Int64 CityId = Convert.ToInt64(PropertyCity.SelectedValue.ToString() ==
"" ? "0" : PropertyCity.SelectedValue.ToString());
                SqlDataAdapter da = new SqlDataAdapter();
                SqlCommand cmd = new SqlCommand("SP_Area", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "SelectAreaByCityId");
                cmd.Parameters.AddWithValue("@CityId", CityId);
                da.SelectCommand = cmd;
                da.Fill(ds);
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyArea.DataTextField = "AreaTitle";
                        PropertyArea.DataValueField = "AreaId";
                        PropertyArea.DataSource = ds;
                        PropertyArea.DataBind();
                        PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));
                    }
                    else
                    {
                        PropertyArea.DataSource = null;
                        PropertyArea.DataBind();
                        PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));
                    }
                }
                else
                {
                    PropertyArea.DataSource = null;
                    PropertyArea.DataBind();
                    PropertyArea.Items.Insert(0, new ListItem("---Select Area---"));
                }
            }
            catch (Exception e2)
            {
```

```
                Response.Write("Error occured : " + e2.Message.ToString());
            }
        }

        protected void PropertyArea_SelectedIndexChanged(object sender, EventArgs e)
        {

        }

        protected void PropertyDetails_Submit_Click1(object sender, EventArgs e)
        {
            //objValue.PropertyId = Convert.ToInt64(PropertyType_Dropdown.SelectedValue);
            objValue.PropertyType = PropertyType_Dropdown.SelectedValue;
            objValue.Country= PropertyCountry.SelectedValue;
            objValue.State= PropertyState.SelectedValue;
            objValue.City = PropertyCity.SelectedValue;
            objValue.Area = PropertyArea.Text;
            objValue.AddressLine1 = Property_addressline1.Text;
            objValue.AddressLine2 = Property_addressline2.Text;
            objValue.rtsqft = Convert.ToInt64(Textbox_rtsqft.Text);
            objValue.totsqft = Convert.ToInt64(Textbox_totsqft.Text);
            objValue.totrate = Convert.ToInt64(Textbox_totrate.Text);
            objValue.PropSpecification = Textbox_PropSpec.Text;
            objValue.Flag = "A";
            objValue.CreateDate = System.DateTime.Now;
            objInteraction.PropMasterInsert(objValue);
            objInteraction.PropDetailInsert(objValue);
            objInteraction.PropSpecificationInsert(objValue);
            Property_addressline1.Text = "";
            Property_addressline2.Text = "";
            Textbox_rtsqft.Text = "";
            Textbox_totsqft.Text = "";
            Textbox_totrate.Text = "";
            Textbox_PropSpec.Text = "";
            PropertyCountry.SelectedIndex = 0;
            PropertyState.SelectedIndex = 0;
            PropertyCity.SelectedIndex = 0;
            PropertyType_Dropdown.SelectedIndex = 0;
            PropertyArea.SelectedIndex = 0;
            PropertyCountry.SelectedIndex = 0;



        }

        protected void PropertyCountry_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
            {
                Int64 CountryId =
Convert.ToInt64(PropertyCountry.SelectedValue.ToString() == "" ? "0" :
PropertyCountry.SelectedValue.ToString());
                SqlDataAdapter da = new SqlDataAdapter();
                SqlCommand cmd = new SqlCommand("SP_State", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "SelectStateByCountryId");
                cmd.Parameters.AddWithValue("@CountryId", CountryId);
                da.SelectCommand = cmd;
                da.Fill(ds);
```

```
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyState.DataTextField = "StateName";
                        PropertyState.DataValueField = "StateId";
                        PropertyState.DataSource = ds;
                        PropertyState.DataBind();
                        PropertyState.Items.Insert(0, new ListItem("---Select State---
"));
                    }
                    else
                    {
                        PropertyState.DataSource = null;
                        PropertyState.DataBind();
                        PropertyState.Items.Insert(0, new ListItem("---Select State---
"));
                    }
                }
                else
                {
                    PropertyState.DataSource = null;
                    PropertyState.DataBind();
                    PropertyState.Items.Insert(0, new ListItem("---Select State---"));
                }
            }
            catch (Exception e2)
            {
                Response.Write("Error occured : " + e2.Message.ToString());
            }
        }



        protected void PropertyState_SelectedIndexChanged1(object sender, EventArgs e)
        {
            try
            {
                Int64 StateId = Convert.ToInt64(PropertyState.SelectedValue.ToString() ==
"" ? "0" : PropertyState.SelectedValue.ToString());
                SqlDataAdapter da = new SqlDataAdapter();
                SqlCommand cmd = new SqlCommand("SP_City", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "SelectCityByStateId");
                cmd.Parameters.AddWithValue("@StateId", StateId);
                da.SelectCommand = cmd;
                da.Fill(ds);
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        PropertyCity.DataTextField = "CityName";
                        PropertyCity.DataValueField = "CityId";
                        PropertyCity.DataSource = ds;
                        PropertyCity.DataBind();
                        PropertyCity.Items.Insert(0, new ListItem("---Select City---"));
                    }
                    else
                    {
```

```
                    PropertyCity.DataSource = null;
                    PropertyCity.DataBind();
                    PropertyCity.Items.Insert(0, new ListItem("---Select City---"));
                }
            }
            else
            {
                PropertyCity.DataSource = null;
                PropertyCity.DataBind();
                PropertyCity.Items.Insert(0, new ListItem("---Select City---"));
            }
        }
        catch (Exception e2)
        {
            Response.Write("Error occured : " + e2.Message.ToString());
        }
    }


    protected void Textbox_totsqft_TextChanged(object sender, EventArgs e)
    {
        Int32 val1 = Convert.ToInt32(Textbox_rtsqft.Text);
        Int32 val2 = Convert.ToInt32(Textbox_totsqft.Text);
        Int32 val3 = val1 * val2;
        Textbox_totrate.Text = val3.ToString();
    }
  }
}
```



3) Slider.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Admin/Admin_Master.Master"
AutoEventWireup="true" CodeBehind="Slider.aspx.cs" Inherits="Ext_RealEstate.Admin.Slider"
%>
```

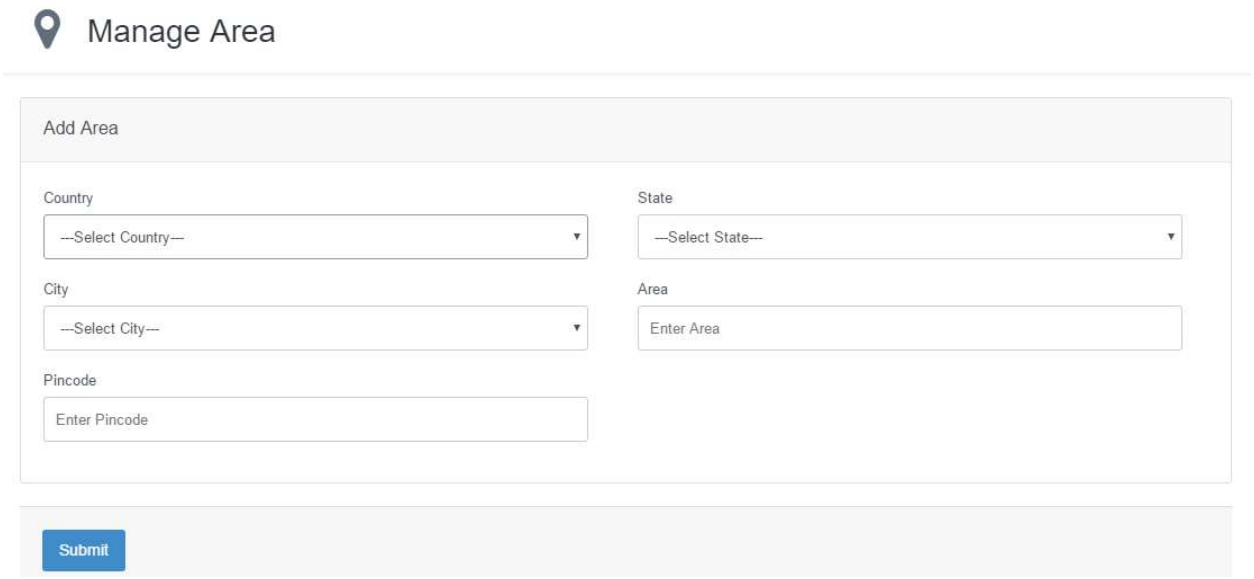
```
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">

    <form id="form1" runat="server">

        <div class="mainpanel">
            <div class="pageheader">
                <div class="media">
                    <div class="pageicon pull-left">
                        <i class="fa fa-sliders fa-10x" ></i>
                    </div>
                    <div class="media-body">

                        <h4 style="margin:16px 0 0 0">Manage Slider</h4>
                    </div>
                </div>
                <!-- media -->
            </div>
            <!-- pageheader -->

            <div class="contentpanel">


                <!-- panel -->


                <!-- row -->

                <div class="row">

                    <!-- col-md-6 -->

                    <div class="col-md-12">
                        <div class="panel panel-default">
                            <div class="panel-heading">
                                <div class="panel-btns">
                                    <a href="#" class="panel-minimize tooltips" data-
toggle="tooltip" title="Minimize Panel"><i class="fa fa-minus"></i></a>
                                    <a href="#" class="panel-close tooltips" data-
toggle="tooltip" title="Close Panel"><i class="fa fa-times"></i></a>
                                </div>
                                <!-- panel-btns -->
                                <h4 class="panel-title">Add Slider</h4>
                            </div>
                            <div class="panel-body">
                                <div class="row">
                                    <div class="col-sm-12">
                                        <div class="form-group">
                                            <label class="control-label" style="font-
size: large">Title</label>

                                            <asp:TextBox ID="TextBox_Title" class="form-
control" runat="server"></asp:TextBox>
                                        </div>

                                        <div class="form-group">
```

```
                                        <label class="control-label" style="font-
size: large">Slider Image</label>
                                        <asp:Image ID="Slider_Image" runat="server"
/>
                                        <asp:FileUpload ID="FileUpload_Image"
runat="server" /><br/>
                                        <%--<asp:Button ID="Button_Image"  class="btn
btn-primary" runat="server" Text="Upload" OnClick="Button_Image_Click" />--%>
                                        <%--<asp:Label ID="Label_Image"
runat="server" Text=""></asp:Label>--%>
                                    </div>

                                    <div class="form-group">
                                        <label class="control-label" style="font-
size: large">Description</label>
                                        <asp:TextBox ID="TextBox_Description"
class="form-control" runat="server"></asp:TextBox>
                                    </div>


                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->

                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->
                            </div>
                            <!-- row -->

                            <div class="row">
                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->

                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->
                            </div>
                            <!-- row -->
                        </div>
                        <!-- panel-body -->
                        <div class="panel-footer">
                            <asp:Button ID="Submit_Slider" class="btn btn-primary"
runat="server" Text="Submit" OnClick="Submit_Slider_Click" />
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </form>
</asp:Content>
```

4) Slider.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.IO;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Admin
{
    public partial class Slider : System.Web.UI.Page
    {
        prop objValue = new prop();
        static String ConnString =
System.Configuration.ConfigurationSettings.AppSettings["Conn"].ToString();
        SqlConnection cn = new SqlConnection(ConnString);
        DataTable dt = new DataTable();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                if (!this.IsPostBack)
                {
                    Slider_Bind();
                }
            }
            catch (Exception)
            {

            }
        }

        private void Slider_Bind()
        {

        }

        protected void Submit_Slider_Click(object sender, EventArgs e)
        {
            try
            {
                #region Imageregion

                string folderPath = Server.MapPath("~/Upload/");
```

```
                //Check whether Directory (Folder) exists.
                if (!Directory.Exists(folderPath))
                {
                    //If Directory (Folder) does not exists. Create it.
                    Directory.CreateDirectory(folderPath);
                }

                //Save the File to the Directory (Folder).
                FileUpload_Image.SaveAs(folderPath +
Path.GetFileName(FileUpload_Image.FileName));
                String FullPath = "../Upload/" + FileUpload_Image.FileName;

                #endregion


                objValue.SliderImage = FullPath.ToString();
                objValue.Title = TextBox_Title.Text;
                objValue.Description = TextBox_Description.Text;
                objValue.Flag = "A";
                objValue.CreateDate = System.DateTime.Now;
                objInteraction.SliderInsert(objValue);
                TextBox_Title.Text = "";
                TextBox_Description.Text = "";
                Slider_Bind();
            }
            catch (Exception ex)
            {


            }


        }
```



5) Area.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Admin/Admin_Master.Master"
AutoEventWireup="true" CodeBehind="Area.aspx.cs" Inherits="Ext_RealEstate.Admin.Area" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
     <script>
         function userValidarea() {
             var Name;
             var pinval;
             Name = document.getElementById("<%=Text_Area.ClientID %>").value;
             pinval = document.getElementById("<%=Text_PinCode.ClientID %>").value;
             if (pinval == '') {
                 alert("Entry Required");
                 return false;
             }

             if (!Name.match(/^[a-zA-Z]+$/)) {
                 alert("Invalid Area Name");
                 return false;
             }

             if (!pinval.match('^[0-9]*$') ){
                 alert("Invalid Pincode");
                 return false;
             }
             return true;
         }

          </script>



</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <form id="form1" runat="server">
        <div class="mainpanel">
            <div class="pageheader">
                <div class="media">
                    <div class="pageicon pull-left">
                        <i class="fa fa-map-marker fa-10x"></i>
                    </div>
                    <div class="media-body">

                        <h4 style="margin: 16px 0 0 0">Manage Area</h4>
                    </div>
                </div>
                <!-- media -->
            </div>
            <!-- pageheader -->

            <div class="contentpanel">


                <!-- panel -->
```

```
                <!-- row -->

                <div class="row">

                    <!-- col-md-6 -->

                    <div class="col-md-12">
                        <div class="panel panel-default">
                            <div class="panel-heading">
                                <div class="panel-btns">
                                    <a href="#" class="panel-minimize tooltips" data-
toggle="tooltip" title="Minimize Panel"><i class="fa fa-minus"></i></a>
                                    <a href="#" class="panel-close tooltips" data-
toggle="tooltip" title="Close Panel"><i class="fa fa-times"></i></a>
                                </div>
                                <!-- panel-btns -->
                                <h4 class="panel-title">Add Area</h4>
                            </div>
                            <div class="panel-body">
                                <div class="row">
                                    <div class="col-sm-6">
                                        <div class="form-group">
                                            <label class="control-label">Country</label>
                                            <asp:DropDownList ID="Country_Dropdown"
class="form-control" runat="server" Width="485px" Height="40px" AutoPostBack="true"
OnSelectedIndexChanged="Country_Dropdown_SelectedIndexChanged">
                                                <asp:ListItem Value="">Select
Country</asp:ListItem>
                                            </asp:DropDownList>
                                        </div>
                                        <!-- form-group -->
                                    </div>
                                    <!-- col-sm-6 -->

                                    <div class="col-sm-6">
                                        <div class="form-group">
                                            <label class="control-label">State</label>
                                            <asp:DropDownList ID="State_Dropdown"
class="form-control" runat="server" Width="485px" Height="40px" AutoPostBack="true"
OnSelectedIndexChanged="State_Dropdown_SelectedIndexChanged">
                                                <asp:ListItem Value="">Select
State</asp:ListItem>
                                            </asp:DropDownList>
                                        </div>
                                        <!-- form-group -->
                                    </div>
                                    <!-- col-sm-6 -->
                                </div>
                                <!-- row -->
                                <div class="row">
                                    <div class="col-sm-6">
                                        <div class="form-group">
                                            <label class="control-label">City</label>
                                            <asp:DropDownList ID="City_Dropdown"
class="form-control" runat="server" Width="485px" Height="40px">
                                                <asp:ListItem Value="">---Select City---
</asp:ListItem>
                                            </asp:DropDownList>
                                        </div>
```

```
                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->


                                <div class="col-sm-6">
                                    <div class="form-group">
                                        <label class="control-label">Area</label>
                                        <asp:TextBox ID="Text_Area" class="form-
control" placeholder="Enter Area" runat="server" Width="485px"
Height="40px"></asp:TextBox>
                                    </div>
                                    <!-- form-group -->
                                </div>
                            </div>
                            <div class="row">
                                <div class="col-sm-6">
                                    <div class="form-group">
                                        <label class="control-label">Pincode</label>
                                        <asp:TextBox ID="Text_PinCode" class="form-
control" placeholder="Enter Pincode" runat="server" Width="485px" Height="40px"
onkeypress="NameValidation(this)"></asp:TextBox>
                                    </div>
                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->
                            </div>
                            <div class="col-sm-6">

                                <!-- form-group -->
                            </div>
                            <!-- col-sm-6 -->
                        </div>
                        <!-- row -->
                    </div>
                    <!-- panel-body -->
                    <div class="panel-footer">
                        <asp:Button ID="Area_Submit" class="btn btn-primary"
runat="server" Text="Submit" OnClick="Area_Submit_Click" OnClientClick="return
userValidarea();" />
                    </div>
                    <div class="row">
                        <div class="col-md-12">
                            <!-- Nav tabs -->
                            <ul class="nav nav-tabs nav-primary">
                                <li class="active"><a href="#home4" data-
toggle="tab"><strong>Active Records</strong></a></li>
                                <li><a href="#profile4" data-
toggle="tab"><strong>Inactive Records</strong></a></li>
                            </ul>

                            <!-- Tab panes -->
                            <div class="tab-content tab-content-primary mb30">
                                <div class="tab-pane active" id="home4">
                                    <h4 class="nomargin"></h4>
                                    <table id="basicTable" class="table table-striped
table-bordered responsive">

                                        <thead class="">
                                            <tr>
```

```
                                        <th>Country</th>
                                        <th>State</th>
                                        <th>City</th>
                                        <th>Area</th>
                                        <th>PinCode</th>

                                    </tr>
                                </thead>
                                <tbody>
                                    <asp:Repeater ID="Active_Area"
runat="server" OnItemCommand="Active_Area_ItemCommand">
                                        <ItemTemplate>
                                            <tr>

                                                <td>
                                                    <%#Eval("CountryName") %>
                                                </td>

                                                <td>
                                                    <%#Eval("StateName") %>
                                                </td>

                                                <td>
                                                    <%#Eval("CityName") %>
                                                </td>
                                                <td>
                                                    <%#Eval("AreaTitle") %>
                                                </td>
                                                <td>
                                                    <%#Eval("PinCode") %>
                                                </td>
                                                <td>
                                                    <%--<asp:LinkButton
ID="lnkEdit" Text="Edit" CommandName="Edit" CommandArgument='<%#Eval("CountryId") %>'
runat="server">Edit</asp:LinkButton>--%>
                                                    <asp:LinkButton
ID="lnkDelete" Text="Delete" CommandName="Delete" CommandArgument='<%#Eval("AreaId") %>'
runat="server">Delete</asp:LinkButton>
                                                </td>
                                            </tr>
                                        </ItemTemplate>
                                    </asp:Repeater>
                                </tbody>
                            </table>
                        </div>
                        <!-- tab-pane -->

                        <div class="tab-pane" id="profile4">
                            <h4 class="nomargin"></h4>
                            <table id="Table1" class="table table-striped
table-bordered responsive">
                                <thead class="">
                                    <tr>
                                        <th>Country</th>
                                        <th>State</th>
                                        <th>City</th>
                                        <th>Area</th>
                                        <th>PinCode</th>
```

```
                                            </tr>
                                        </thead>
                                        <tbody>
                                            <asp:Repeater ID="Deactive_Area"
runat="server" OnItemCommand="Deactive_Area_ItemCommand">
                                                <ItemTemplate>
                                                    <tr>

                                                        <td>
                                                            <%#Eval("CountryName") %>
                                                        </td>

                                                        <td>
                                                            <%#Eval("StateName") %>
                                                        </td>

                                                        <td>
                                                            <%#Eval("CityName") %>
                                                        </td>
                                                        <td>
                                                            <%#Eval("AreaTitle") %>
                                                        </td>
                                                        <td>
                                                            <%#Eval("PinCode") %>
                                                        </td>


                                                        <td>
                                                            <%--<asp:LinkButton
ID="lnkEdit" Text="Edit" CommandName="Edit" CommandArgument='<%#Eval("CountryId") %>'
runat="server">Edit</asp:LinkButton>--%>
                                                            <asp:LinkButton
ID="lnkDelete" Text="Delete" CommandName="Delete" CommandArgument='<%#Eval("AreaId") %>'
runat="server">Delete</asp:LinkButton>
                                                        </td>
                                                    </tr>
                                                </ItemTemplate>
                                            </asp:Repeater>
                                        </tbody>
                                    </table>
                                </div>
                                <!-- tab-pane -->

                            </div>
                            <!-- tab-content -->

                        </div>
                        <!-- panel-footer -->
                    </div>
                    <!-- panel-footer -->
                </div>
                <!-- panel -->

            </div>
            <!-- col-md-6 -->
        </div>
        <!-- row -->

    </div>
```

```
        <!-- contentpanel -->
        </div>
    </form>
</asp:Content>
```

6) Area.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Admin
{
    public partial class Area : System.Web.UI.Page
    {
        prop objValue = new prop();
        static String ConnString =
System.Configuration.ConfigurationSettings.AppSettings["Conn"].ToString();
        SqlConnection cn = new SqlConnection(ConnString);
        DataTable dt = new DataTable();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {
            try
            {
                if (!IsPostBack)
                {
                    Country_DropdownBind();
                    State_DropdownBind();
                    AreaBind();

                }
            }
            catch (Exception)
            {

            }
        }

        private void State_DropdownBind()
        {
            try
            {
                ds = objInteraction.StateSelectAll();
                if (ds.Tables.Count > 0)
                {
```

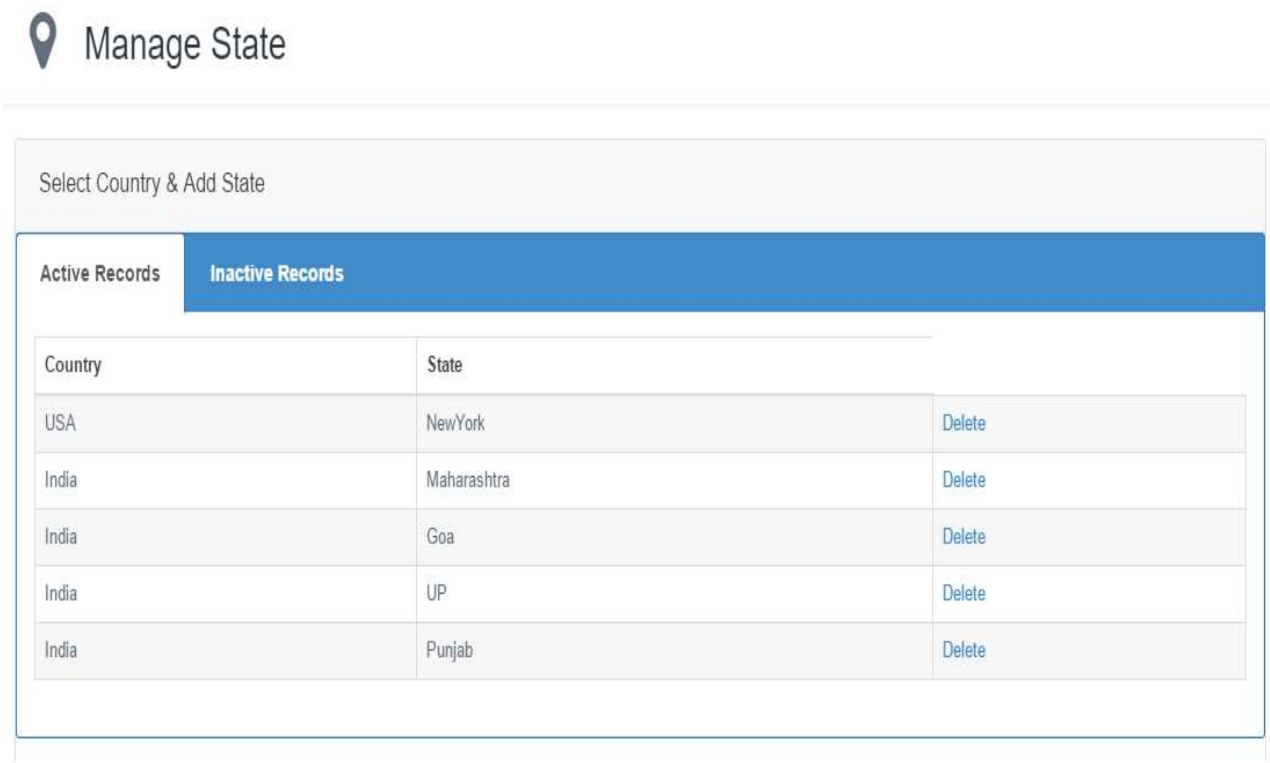
```
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        State_Dropdown.DataTextField = "StateName";
                        State_Dropdown.DataValueField = "StateId";
                        State_Dropdown.DataSource = ds.Tables[0];
                        State_Dropdown.DataBind();
                        State_Dropdown.Items.Insert(0, new ListItem("---Select State---
"));



                    }
                    else
                    {
                        State_Dropdown.DataSource = null;
                        State_Dropdown.DataBind();
                        State_Dropdown.Items.Insert(0, new ListItem("---Select State---
"));
                    }


                }

                else
                {
                    State_Dropdown.DataSource = null;
                    State_Dropdown.DataBind();
                    State_Dropdown.Items.Insert(0, new ListItem("---Select State---"));
                }

            }


            catch (Exception ex)
            {

            }
        }

        private void Country_DropdownBind()
        {
            try
            {
                ds = objInteraction.CountrySelectAll();
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        Country_Dropdown.DataTextField = "CountryName";
                        Country_Dropdown.DataValueField = "CountryId";
                        Country_Dropdown.DataSource = ds.Tables[0];
                        Country_Dropdown.DataBind();
                        Country_Dropdown.Items.Insert(0, new ListItem("---Select Country-
--"));



                    }
```

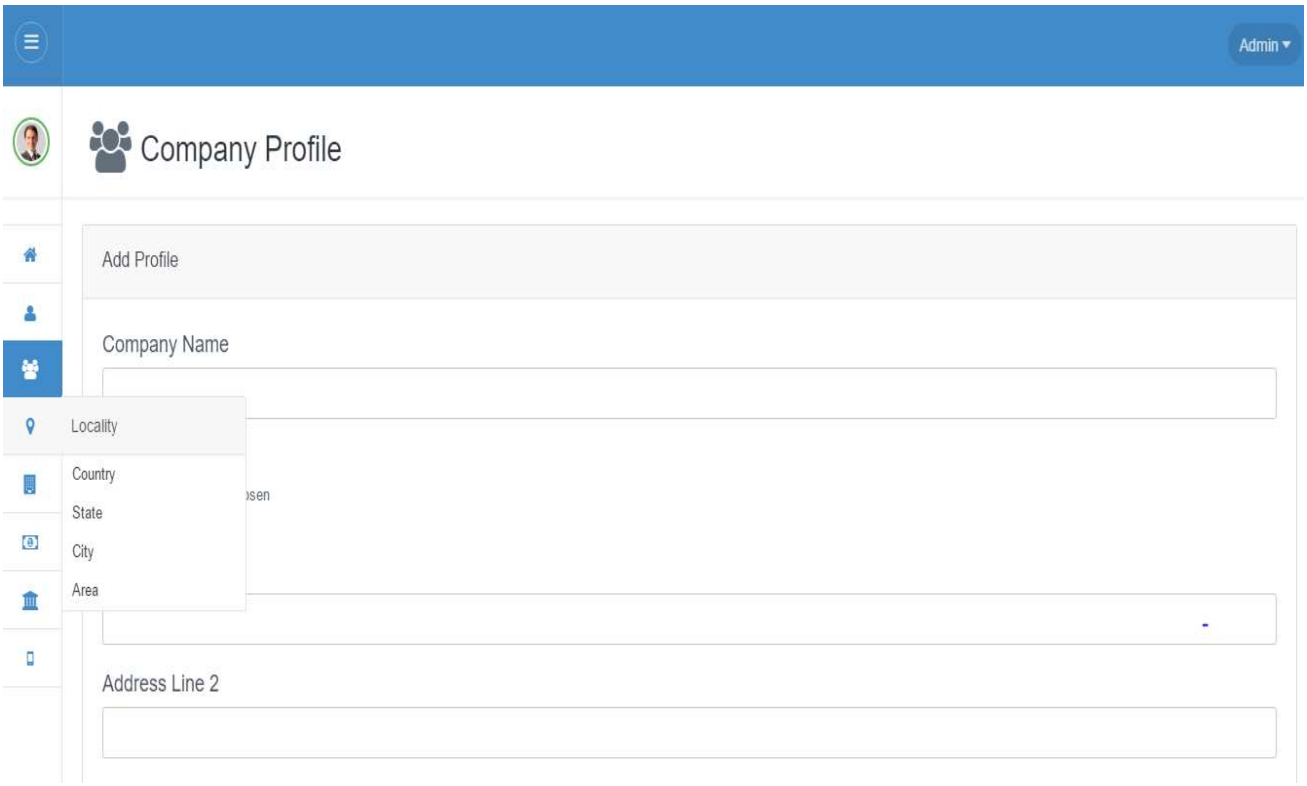
```
                    else
                    {
                        Country_Dropdown.DataSource = null;
                        Country_Dropdown.DataBind();
                        Country_Dropdown.Items.Insert(0, new ListItem("---Select Country-
--"));
                    }


                }

                else
                {
                    Country_Dropdown.DataSource = null;
                    Country_Dropdown.DataBind();
                    Country_Dropdown.Items.Insert(0, new ListItem("---Select Country---
"));
                }

            }


            catch (Exception ex)
            {

            }
        }

        private void AreaBind()
        {
            try
            {
                ds = objInteraction.AreaSelectAll();
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        Active_Area.DataSource = ds.Tables[0];
                        Active_Area.DataBind();
                    }
                    else
                    {
                        Active_Area.DataSource = null;
                        Active_Area.DataBind();
                    }
                    if (ds.Tables[1].Rows.Count > 0)
                    {
                        Deactive_Area.DataSource = ds.Tables[1];
                        Deactive_Area.DataBind();
                    }
                    else
                    {
                        Deactive_Area.DataSource = null;
                        Deactive_Area.DataBind();
                    }
                }
                else
                {
                    Deactive_Area.DataSource = null;
```

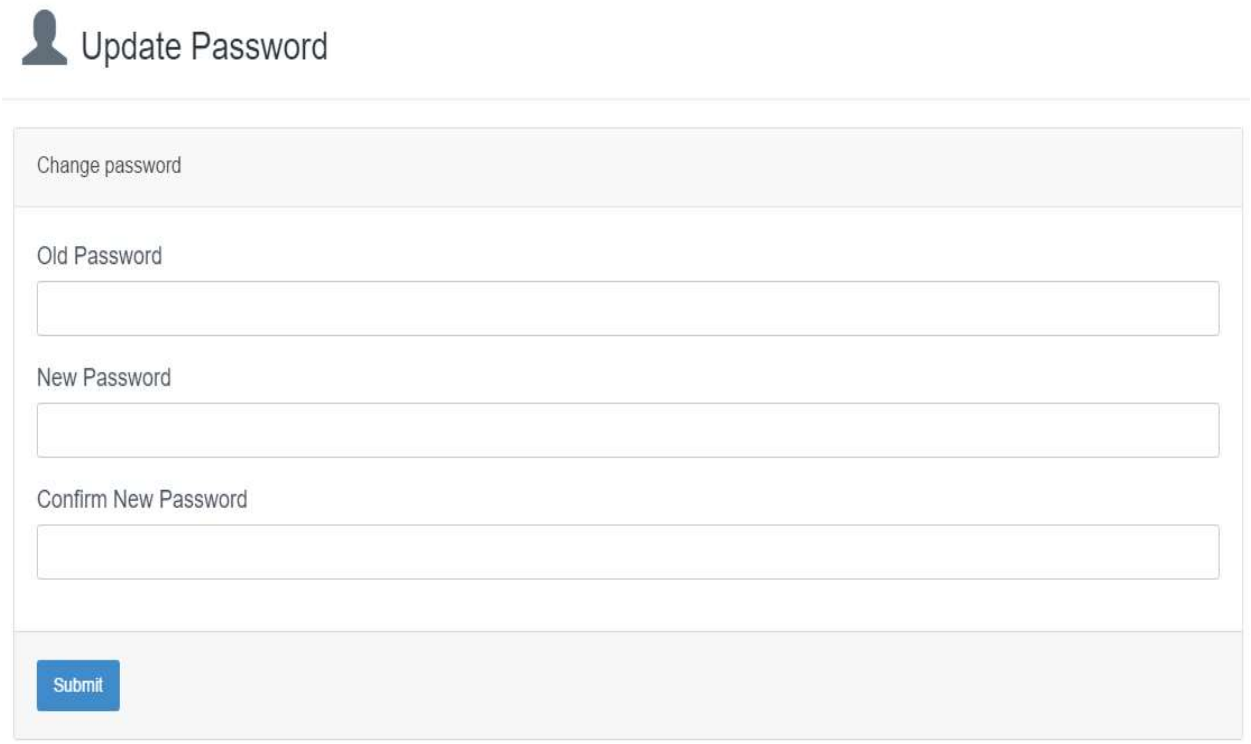
```
                    Deactive_Area.DataBind();
                }
            }
            catch (Exception ex)
            {

            }
        }

        protected void Area_Submit_Click(object sender, EventArgs e)
        {
            objValue.AreaTitle = Text_Area.Text;
            objValue.CountryId = Convert.ToInt64(Country_Dropdown.SelectedValue);
            objValue.StateId = Convert.ToInt64(State_Dropdown.SelectedValue);
            objValue.CityId = Convert.ToInt64(City_Dropdown.SelectedValue);
            objValue.PinCode = Convert.ToInt64(Text_PinCode.Text);
            objValue.Flag = "A";
            objValue.CreateDate = System.DateTime.Now;
            objInteraction.AreaInsert(objValue);
            Text_Area.Text = "";
            State_Dropdown.SelectedIndex = 0;
            Country_Dropdown.SelectedIndex = 0;
            City_Dropdown.SelectedIndex = 0;
            Text_PinCode.Text = "";
            AreaBind();
        }



        protected void Active_Area_ItemCommand(object source, RepeaterCommandEventArgs e)
        {
            if (e.CommandName == "Delete")
            {
                Int64 Id = Convert.ToInt64(e.CommandArgument.ToString().Trim() == "" ?
"0" : e.CommandArgument.ToString().Trim());
                SqlCommand cmd = new SqlCommand("SP_Area", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "delete");
                cmd.Parameters.AddWithValue("@Flag", "D");
                cmd.Parameters.AddWithValue("@AreaId", Id);
                cmd.Parameters.AddWithValue("@UpdateDate",
Convert.ToDateTime(System.DateTime.Now));
                cmd.Parameters.AddWithValue("@UpdateUser", 1);
                cn.Open();
                cmd.ExecuteNonQuery();
                cn.Close();
                Text_Area.Text = "";

                //btnAddUpdate.Text = "Add";
                AreaBind();
            }
        }

        protected void Deactive_Area_ItemCommand(object source, RepeaterCommandEventArgs
e)
        {
            if (e.CommandName == "Delete")
            {
```

```
                Int64 Id = Convert.ToInt64(e.CommandArgument.ToString().Trim() == "" ?
"0" : e.CommandArgument.ToString().Trim());
                SqlCommand cmd = new SqlCommand("SP_Area", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "delete");
                cmd.Parameters.AddWithValue("@Flag", "A");
                cmd.Parameters.AddWithValue("@AreaId", Id);
                cmd.Parameters.AddWithValue("@UpdateDate",
Convert.ToDateTime(System.DateTime.Now));
                cmd.Parameters.AddWithValue("@UpdateUser", 1);
                cn.Open();
                cmd.ExecuteNonQuery();
                cn.Close();
                Text_Area.Text = "";
                Country_Dropdown.SelectedIndex=0;
                State_Dropdown.SelectedIndex=0;
                City_Dropdown.SelectedIndex=0;
                Text_PinCode.Text = "";

                //btnAddUpdate.Text = "Add";
                AreaBind();
            }
        }

        protected void Country_Dropdown_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
            {
                Int64 CountryId =
Convert.ToInt64(Country_Dropdown.SelectedValue.ToString() == "" ? "0" :
Country_Dropdown.SelectedValue.ToString());
                SqlDataAdapter da = new SqlDataAdapter();
                SqlCommand cmd = new SqlCommand("SP_State", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "SelectStateByCountryId");
                cmd.Parameters.AddWithValue("@CountryId", CountryId);
                da.SelectCommand = cmd;
                da.Fill(ds);
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        State_Dropdown.DataTextField = "StateName";
                        State_Dropdown.DataValueField = "StateId";
                        State_Dropdown.DataSource = ds;
                        State_Dropdown.DataBind();
                        State_Dropdown.Items.Insert(0, new ListItem("---Select State---
"));
                    }
                    else
                    {
                        State_Dropdown.DataSource = null;
                        State_Dropdown.DataBind();
                        State_Dropdown.Items.Insert(0, new ListItem("---Select State---
"));
                    }
                }
                else
                {
```

```
                    State_Dropdown.DataSource = null;
                    State_Dropdown.DataBind();
                    State_Dropdown.Items.Insert(0, new ListItem("---Select State---"));
                }
            }
            catch (Exception e2)
            {
                Response.Write("Error occured : " + e2.Message.ToString());
            }
        }

        protected void State_Dropdown_SelectedIndexChanged(object sender, EventArgs e)
        {
            try
            {
                Int64 StateId = Convert.ToInt64(State_Dropdown.SelectedValue.ToString()
== "" ? "0" : State_Dropdown.SelectedValue.ToString());
                SqlDataAdapter da = new SqlDataAdapter();
                SqlCommand cmd = new SqlCommand("SP_City", cn);
                cmd.CommandType = CommandType.StoredProcedure;
                cmd.Parameters.AddWithValue("@Mode", "SelectCityByStateId");
                cmd.Parameters.AddWithValue("@StateId", StateId);
                da.SelectCommand = cmd;
                da.Fill(ds);
                if (ds.Tables.Count > 0)
                {
                    if (ds.Tables[0].Rows.Count > 0)
                    {
                        City_Dropdown.DataTextField = "CityName";
                        City_Dropdown.DataValueField = "CityId";
                        City_Dropdown.DataSource = ds;
                        City_Dropdown.DataBind();
                        City_Dropdown.Items.Insert(0, new ListItem("---Select City---"));
                    }
                    else
                    {
                        City_Dropdown.DataSource = null;
                        City_Dropdown.DataBind();
                        City_Dropdown.Items.Insert(0, new ListItem("---Select City---"));
                    }
                }
                else
                {
                    City_Dropdown.DataSource = null;
                    City_Dropdown.DataBind();
                    City_Dropdown.Items.Insert(0, new ListItem("---Select City---"));
                }
            }
            catch (Exception e2)
            {
                Response.Write("Error occured : " + e2.Message.ToString());
            }
        }
    }
}
```


Manage State
Select Country & Add State
Active Records
Inactive Records
Country
State
USA
NewYork
Delete
India
Maharashtra
Delete
India
Goa
Delete
India
UP
Delete
India
Punjab
Delete


Admin
Company Profile
Add Profile
Company Name
Locality
Country
State
City
Area
Address Line 2



7) ChangePassword.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Admin/Admin_Master.Master"
AutoEventWireup="true" CodeBehind="Password.aspx.cs"
Inherits="Ext_RealEstate.Admin.Password" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <script type="text/javascript">
        function Validate() {
            var oldpassword = document.getElementById("<%=Text_password.ClientID
%>").value;
            var password = document.getElementById("<%=Text_newpassword.ClientID
%>").value;
            var confirmPassword =
document.getElementById("<%=Text_confirmpassword.ClientID %>").value;

            if (password != confirmPassword) {
                alert("Passwords do not match.");
                return false;
            }

            return true;
        }
    </script>

    <script type="text/javascript">
        window.history.forward(1);
    </script>
```

```
    <script type="text/javascript">
        function Dialouge() {
            alert("Enter Correct Existing Password");
            return true;
        }
    </script>

</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <form id="form1" runat="server">
        <div class="mainpanel">
            <div class="pageheader">
                <div class="media">
                    <div class="pageicon pull-left">
                        <i class="glyphicon glyphicon-user fa-10x"></i>
                    </div>
                    <div class="media-body">

                        <h4 style="margin: 16px 0 0 0">Update Password</h4>
                    </div>
                </div>
                <!-- media -->
            </div>
            <!-- pageheader -->

            <div class="contentpanel">


                <!-- panel -->


                <!-- row -->

                <div class="row">

                    <!-- col-md-6 -->

                    <div class="col-md-12">
                        <div class="panel panel-default">
                            <div class="panel-heading">
                                <div class="panel-btns">
                                    <a href="#" class="panel-minimize tooltips" data-
toggle="tooltip" title="Minimize Panel"><i class="fa fa-minus"></i></a>
                                    <a href="#" class="panel-close tooltips" data-
toggle="tooltip" title="Close Panel"><i class="fa fa-times"></i></a>
                                </div>
                                <!-- panel-btns -->
                                <h4 class="panel-title">Change password</h4>
                            </div>
                            <div class="panel-body">
                                <div class="row">
                                    <div class="col-sm-12">
                                        <div class="form-group">
                                            <label class="control-label" style="font-
size: large">Old Password</label>
                                            <asp:TextBox ID="Text_password"
type="password" class="form-control" runat="server"></asp:TextBox>
```

```
                                        <%--<asp:RequiredFieldValidator
ControlToValidate="Text_Country" ID="Text_CountryValidator" runat="server"
ErrorMessage="Field Required"></asp:RequiredFieldValidator>--%>
                                    </div>
                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->



                                <div class="col-sm-12">
                                    <div class="form-group">
                                        <label class="control-label" style="font-
size: large">New Password</label>
                                        <asp:TextBox ID="Text_newpassword"
type="password" class="form-control" runat="server"></asp:TextBox>
                                        <%--<asp:RequiredFieldValidator
ControlToValidate="Text_Country" ID="Text_CountryValidator" runat="server"
ErrorMessage="Field Required"></asp:RequiredFieldValidator>--%>
                                    </div>
                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->


                                <div class="col-sm-12">
                                    <div class="form-group">
                                        <label class="control-label" style="font-
size: large">Confirm New Password</label>
                                        <asp:TextBox ID="Text_confirmpassword"
type="password" class="form-control" runat="server"></asp:TextBox>
                                        <%--<asp:RequiredFieldValidator
ControlToValidate="Text_Country" ID="Text_CountryValidator" runat="server"
ErrorMessage="Field Required"></asp:RequiredFieldValidator>--%>
                                    </div>
                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->

                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->
                            </div>
                            <!-- row -->

                            <div class="row">
                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->

                                <div class="col-sm-6">

                                    <!-- form-group -->
                                </div>
                                <!-- col-sm-6 -->
```

```
                                </div>
                                <!-- row -->
                            </div>
                            <!-- panel-body -->
                            <div class="panel-footer">
                                <asp:Button ID="Submit_password" class="btn btn-primary"
runat="server" Text="Submit" OnClick="Submit_password_Click" OnClientClick="return
Validate();" />
                            </div>
    </form>
</asp:Content>
```

8) ChangePassword.aspx.cs

```
using System;
using BAL;
using DAL;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;

namespace Ext_RealEstate.Admin
{
    public partial class Password : System.Web.UI.Page
    {
        prop objValue = new prop();
        InteractionMethods objInteraction = new InteractionMethods();
        DataSet ds = new DataSet();

        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Submit_password_Click(object sender, EventArgs e)
        {
            objValue.OldPassword = Text_password.Text;
            objValue.NewPassword = Text_newpassword.Text;
            ds = objInteraction.Compare(objValue);

            if (ds.Tables.Count > 0)
            {
                if (ds.Tables[0].Rows.Count > 0)
                {

                    //Response.Cookies["Login"]["Id"] =
ds.Tables[0].Rows[0]["Id"].ToString();
                    objValue.Password = ds.Tables[0].Rows[0]["Password"].ToString();
                    //Response.Cookies["Login"].Expires = DateTime.Now.AddDays(1);

                    if (objValue.OldPassword == objValue.Password)
                    {
```

```
                        objInteraction.ChangePassword(objValue);
                        Response.Redirect("signin.aspx");
                    }
                    else
                    {
                        ScriptManager.RegisterStartupScript(this, GetType(),
"displayalertmessage", "Dialouge()", true);

                    }
                }
                 else
                 {

                 }
            }
            else
            {

            }
            Text_password.Text = "";
            Text_newpassword.Text = "";
            Text_confirmpassword.Text = "";

        }
    }
}
```

CHAPTER – 6

Testing

6.1 Test Cases

No	Test Case	Input	Output	Description
1	Login	Correct username,Incorrect password	Should not login	On providing Correct username and incorrect password,user should not be allowed to login
2	Login	InCorrect username,correct password	Should not login	On providing inCorrect username and correct password,user should not be allowed to login
3	Login	InCorrect username,Incorrect password	Should not login	On providing inCorrect username and incorrect password,user should not be allowed to login
4	Login	Correct username,correct password	Should login	On providing Correct username and

				correct password,user should be allowed to login
5	Registration	Incorrect details	Try again	if incorrect details are provided registration will not be done
6	Registration	Correct details	Submitted correctly	If provided details are correct then registration will be done.
7	Password	Improper length	Try again	If length of the password is less than 8 then error message will be displayed.
8	Password	Invalid character	Try again	The password should contain the combination of alphanumeric characters.
9	Reset password	If(reset password!=confirm password)	Reenter password	If the confirm password is not equal to reset password then error message will come.

10	Reset password	Reset password=conform password	New password generated	If the confirm password is equal to reset password then new password will be generated
11	Searching property	Item details	Property Available	If searched property is available then that item will be displayed
12	Searching property	Item details	Property not available	If searched property is not available then it will not be displayed
13	Add Property	Sufficient details	Successfully added	If provided details are correct then property will be added
14	Add Property	Insufficient details	Unsuccessful	If provided details are incorrect then property will not be added.

CHAPTER – 7

Limitations and Future Enhancement

Limitations:

- Online Payment cannot be made.
- Huge database is required to store all the data and images of the property
- User cannot have 3-d view of the property
- Mobile-apps are not available currently.

Future Enhancement:

- The portal is planned to be launched with mobile computing system in future.
- Even provinces for the E-wallet and online payment can be made.
- The data and the resources in the future can be stored and managed using cloud computing.
- Even data mining methods can be used to manage and store the data efficiently.
- 360-degree images of the property can be made available using advanced techniques.

CHAPTER – 8

Conclusion

The real estate portal provides the common platform for communication and interaction between the system users unlike the conventional one. This can be efficiently carried out by introducing various models such as B2C, C2C and C2B. Moreover, the conventional system does not provide the estimate of property rate and property specification. The portal will overcome the problems mentioned above and will provide better estimation for rates and specifications of the property. This makes users easier to use the portal and hence every individual could take benefit from the portal. Also, the client side of the portal will be fully handled by portal dynamically. Furthermore, the agent is no more needed in the dealing of every property. Users, by themselves can do the dealing of the property by posting it, searching for it and then contacting the contact person. All other handling work can be done by other specially assigned person for the activity.

CHAPTER – 9

Bibliography and References

- **Web Links**

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https://www.javatpoint.com/

Plagiarism Scan Report

Summary	
Report Genrated Date	15 Apr, 2017
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Total Characters	5287
Any Ignore Url Used	

Content Checked For Plagiarism:

1.1 Project Summary
The Project entitled with “Big Street Lettings” is the Real Estate Portal which is the common platform for customers, brokers and sellers to participate in the dealing of properties on same stand. The project proposes Business-to-Customer(B2C), Business -to-Business(B2B) and Customer-to-Customer(C2C) model. The Real Estate Portal enables easy and efficient dealing of property between buyers and sellers. Brokers can actively be the part of the interaction as all the users of the portal are synchronized with each other through admin page. The admin controls the entire functioning of the portal. Moreover, the portal would provide ways for efficient dealing. The portal gives detailed description regarding the property and even provides the efficient estimation of costs which helps customers to get proper information regarding the property. The project is developed on ASP.NET platform. The designing is done using HTML, Java-script and CSS. The coding part includes language coded in C# and tier architecture. The hosting server will be managed with companies.
The system is useful to the companies building residential properties, commercial buildings, hotels etc. and also to the one’s who are interested in buying the property.

1.2 Objective
The main objective of the project is easy communication between buyer, seller and broker on the same platform. The portal provides easy and efficient dealing process of property between buyer and seller. Broker would be provided with its own portal page wherein the broker could provide the rates of brokerage to the customer based on the property issued. The customer could directly contact with one another so that there prevails no miscommunication in the process of dealing.

1.3 Scope
As internet is now-a-days wide spread in entire world, it is the best platform to market real estate today. People are connected on wide scale through internet and hence, it proves to be the best platform to launch the portal.
The main users of the portal are people interested for property dealing and the brokers. The portal will enable efficient and easy dealing of property. This will be useful to every buyer who is in search of property and to every seller who wants the property details to reach every customer. Moreover, portal will be helpful to the broker who can directly be in interaction with the customers and can carry out the brokerage efficiently. The main aim of the project is to maximize the reach to the customers. Every individual using the portal should be connected on the same platform through control by admin page.
1.4 Technology Used
1. ASP.Net

2. C#
3. Visual Studio 2015 Community Freeware
4. SQL Server 2016 Developer
5. HTML
6. Javascript
7. CSS Bootstrap

1.5 Hardware-Software Used
- Hardware :
1. Windows 10
2. Intel I3
3. Ram 8GB
- Software:
1. Visual Studio 2015 Community Freeware
2. SQL Server 2016 Developer

2.1 Study of Current System
The system is based on the Real Estate portal wherein generalized users such as sellers and buyers and also brokers, can efficiently communicate on a single platform and they are all synchronized by admin page. The system will enable easy dealing of property between sellers and buyers. The main purpose of the system is to connect every user of the system can hence all the users should be benefitted by the system.

2.2 Problem and Weakness of Current System
The main problem or difficulty that persists with the system is inter-relating all the users of the system on the common platform. Moreover, the present system supports Business-to-Customer (B2C) model only, hence not every individual can carry out direct communication with one another. Also the present system does not benefit brokers in direct or indirect ways. The customer needs to find their respective broker physically which is hectic and tiresome at times. Even the property description is vague and clumsy at times.

2.3 Requirement of new system
The early Real Estate portals were of model Business-to-Customer (B2C) in which customers were not in direct interaction with one another. The communication between the customers was tough. Even the current system does not provide details regarding the brokers interested for the property brokerage. Hence, brokers were to be found out explicitly. Also the property description was not clearly mentioned and hence interested buyers did not get accurate details about the property.
To overcome the above problems, it was necessary to introduce the new system wherein the property description is accurate and also the customers of the portal can be in direct relation with one another.

2.4 Feasibility Study
The major constraint with the current system is the lack of communication between users of the system. The new portal provides the common platform for communication between the system users. This can be efficiently carried out by introducing various models such as B2C, C2C and C2B. Moreover, another difficulty that the current system faces is the description of property mentioned on the portal. The new portal will overcome this problems the details mentioned regarding the property would be clear and accurate. This is make users easier to use the portal and hence every individual could take benefit from the portal.

Plagiarism Scan Report

Summary	
Report Genrated Date	15 Apr, 2017
Plagiarism Status	**100% Unique**
Total Words	944
Total Characters	5859
Any Ignore Url Used	

Content Checked For Plagiarism:

3.1.1 Project Planning and Scheduling
The preparation for the project has been scheduled as before in advance. The project would be carried out in a planned manner as follow :
1. Study and understanding of project
2. Deciding the platform for coding and implementation activities.
3. Learning and understanding the language on which the platform is been prepared.
4. Implementation of code for the portal.
5. Coding and Designing of the portal .
6. Error checking and improvements.
7. Real-life implementation of the portal.
Initially the focus would be led more on the study and requirement of the project that follows with the study of coding and designing part of the portal.

3.1.2 Project Development Approach
The first step towards the project development is the study of the project and understanding the basic requirement and uses of the project. Moreover it is necessary to pin point the basic users of the system and it is the important role of project developer to understand the basic requirement of the users of the system.
Later, the momentum will be shifted on the coding and designing section. Efforts will be to develop the optimized code with minimum probabilities of error detection. Hence, the project development task will be approached in a linear manner.

3.1.3 Project Plan
The project plan is the first step in deterministic process to carry out the proper project management . The project plan for our system is as follow :
1. Study and understanding of project
2. Deciding the platform for coding and implementation activities.
3. Learning and understanding the language on which the platform is been prepared.
4. Implementation of code for the portal.
5. Coding and Designing of the portal .
6. Error checking and improvements.
7. Real-life implementation of the portal.
Initially the focus would be led more on the study and requirement of the project that follows with the study of coding and designing part of the portal. The planning development is to be done in the timely manner with proper timeline. The most time consuming section of the project is its coding and designing. Understanding the need and basic requirement in basic process but not being time

consuming can be easily coped up.

3.1.4 Schedule Representation
A project schedule is a useful planning and communication tool for monitoring and reporting the progress of a project. During a project's life, different schedules maybe needed for different purposes and stakeholders. Read more to get better acquainted with the various types of project schedule. A project schedule is a strategic and an important tool in a project manager's portfolio for guiding a project successfully to its target completion date.
Initially, after studying the basic need of the system, the next important part is its implementation. Coding and Designing stands next in the queue. Next comes the error detection part and error correction following it. Finally the system is generalized to real life users.
3.1.5 Roles and Responsibilities
The roles and responsibilities of every team member is evenly distributed. Every member should understand the need of the concerned project and accordingly tasks should be distributed. Every member should complete the given work with utter responsibility because even a single member failing to fulfill the responsibility might lead to failure in project. The person who in concerned with the particular tasks should not necessarily be the expert of it, but the learning process in the person should never come to an end.
Hence, it is important to divide the task of the project among the team members and every member should complete the given responsibility to him/her.

Risk Management

3.2.1 Risk identification
Risk identification is the process of determining the risks that could probably prevent the program or the system to achieve the determined goals. The objective of risk identification is early and continuous identification of events, that if occurs will have negative impact on project’s ability of achieve performance or capability outcome goals. Risk identification is the important part of the project management as identifying risk at proper time can avoid the failure of the system.
To identify the risk, it is important to learn about system’s scope, system performance ability,, performance challenges, integration etc. It is the iterative process. As the project advances, more information will be gained and hence more study will be needed relating to the project that will enhance ability to identify the risk factor.

3.2.2 Risk analysis
Risk analysis is the study of underlying uncertainty of a given course of action. It can be defined as risk assessment, risk characterization, risk communication and risk management. It can be qualitative as well as quantitative. It is important to analyze the risk in the system after its identification. Risk analysis gives the idea about the generalized section in which the flaw has been detected. It is important to study the risk accurately as to avoid future problems of similar type to the system.

3.2.3 Risk planning
Risk planning is the document that is prepared to foresee risks, estimate impacts and define response to issues. It also contains risk assessment matrix. Proper planning should be done to avoid the negative impact of the risk to the project. Planning can be to foresee short term development or can be for long term development. Risk taken should be calculated one in case of crisis one should act smartly to overcome the negative impacts of risks. Risk planning develops solution for the risks that hinders the progress of the system. It is the process of identifying the risk management skills. The risk planning process should result in developing a feasible and efficient plan for minimizing risk

occurrence rate and exploiting available resources.

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Plagiarism Scan Report

Summary	
Report Genrated Date	16 Apr, 2017
Plagiarism Status	**83% Unique**
Total Words	973
Total Characters	6444
Any Ignore Url Used	

Content Checked For Plagiarism:

5.1 Data Dictionary
Data Dictionaries are an integral component of analysis, since data flow diagram by does not fully describe the subjects of the investigation.

A data dictionary is a catalog of the elements in the system. This element focuses on data and the way they are structured to meet user‘s requirements and needs. The major elements are dataflow, data stores and processes.

It is developed during data analysis and assists analysis involved in determining the system. Four main reasons of analysis are:

• To manage the details in large system.
• To document the features of the system.
• To locate the errors and omissions in the system.

The data dictionary contains two types of descriptions as following:
1. Data Elements: The most fundamental data level is the data element. Data element is the building block for all others in the system.
2. Data Structure: A data structure is a set of items that are related to one another
that describes components in the system.
Database Tables:

1) Tbl_Prop_Mst
tbl_Prop_Mst
Column Name DataType Allow Nulls Description
Prop_Mst_Id bigint Unchecked It stores Prop_Mst_Id
PropertyId bigint Checked It stores PropertyId
AddressLine1 nvarchar(50) Checked It stores Address
AddressLine2 nvarchar(50) Checked
Area nvarchar(50) Checked It stores Area
City nvarchar(50) Checked It stores City
State nvarchar(50) Checked It stores State
Country nvarchar(50) Checked It stores Country
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate datetime Checked It stores Date and Time when the data was created

UpdateDate datetime Checked It stores which system made the Entry
CreateUser bigint Checked It stores the Date and Time when the data was Updated
UpdateUser bigint Checked It stores which system made the Update

2) Tbl_Property_Type
tbl_Property_Type
Column Name DataType Allow Nulls Description
PropertyId bigint Unchecked It stores PropertyId
PropertyTitle nvarchar(50) Checked It stores Property Title
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate datetime Checked It stores Date and Time when the data was created
UpdateDate datetime Checked It stores which system made the Entry
CreateUser bigint Checked It stores the Date and Time when the data was Updated
UpdateUser bigint Checked It stores which system made the Update

3) Tbl_Prop_Specification
tbl_Prop_Specification
Column Name DataType Allow Nulls Description
Prop_Spac_Id bigint Unchecked It stores Property Specification Id
Prop_Mst_Id bigint Checked It stores Prop_mst_id
Specification nvarchar(50) Checked It stores Specification
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate datetime Checked It stores Date and Time when the data was created
UpdateDate datetime Checked It stores which system made the Entry
CreateUser bigint Checked It stores the Date and Time when the data was Updated
UpdateUser bigint Checked It stores which system made the Update

4) Tbl_Slider
tbl_Slider
Column Name DataType Allow Nulls Description
SliderId Bigint Unchecked It stores SliderId
Title nvarchar(50) Checked It stores Title
SliderImage nvarchar(MAX) Checked It stores SliderImage Path
Discription nvarchar(MAX) Checked It stores Slider Description
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate Datetime Checked It stores Date and Time when the data was created
UpdateDate Datetime Checked It stores which system made the Entry
CreateUser Bigint Checked It stores the Date and Time when the data was Updated
UpdateUser Bigint Checked It stores which system made the Update

5) tbl_Prop_Detail
tbl_Prop_Detail
Column Name DataType Allow Nulls Description
Prop_Detail_Id bigint Unchecked It stores Property DetailId
Rate_sqft numeric(18, 0) Checked It stores Rate_sqft
Total_sqft numeric(18, 0) Checked It stores Total_sqft

Total_Rate numeric(18, 0) Checked It stores Rate
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate datetime Checked It stores Date and Time when the data was created
UpdateDate datetime Checked It stores which system made the Entry
CreateUser bigint Checked It stores the Date and Time when the data was Updated
UpdateUser bigint Checked It stores which system made the Update

6) tbl_Testimonial
tbl_Testimonial
Column Name DataType Allow Nulls Description
TestimonialId bigint Unchecked It stores TestimonialId
Name nvarchar(50) Checked It stores Name
Image nvarchar(MAX) Checked It stores Image path
Comment nvarchar(50) Checked It stores Comments
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateUser Bigint Checked It stores Date and Time when the data was created
UpdateUser Bigint Checked It stores which system made the Entry
CreateDate Datetime Checked It stores the Date and Time when the data was Updated
UpdateDate Datetime Checked It stores which system made the Update

7) tbl_Rent_Type
tbl_Rent_Type
Column Name DataType Allow Nulls Description
RentId Bigint Unchecked It stores RentId
RentTitle nvarchar(50) Checked It stores Rent Title
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate Datetime Checked It stores Date and Time when the data was created
UpdateDate Datetime Checked It stores which system made the Entry
CreateUser Bigint Checked It stores the Date and Time when the data was Updated
UpdateUser Bigint Checked It stores which system made the Update

8) tbl_Contact
tbl_Contact
Column Name DataType Allow Nulls Description
Contact_Id Bigint Unchecked It stores ContactId
Name nvarchar(50) Checked It stores Name
Phone_Number numeric(10, 0) Checked It stores Phone Number
Mobile_Number numeric(10, 0) Checked It stores Mobile Number
Fax numeric(10, 0) Checked It stores Fax Number
Email nvarchar(50) Checked It stores EmailId
Flag nchar(1) Checked It stores a Single character 'A' and 'D' which shows its active and inactive state
CreateDate Datetime Checked It stores Date and Time when the data was created
UpdateDate Datetime Checked It stores which system made the Entry
CreateUser Bigint Checked It stores the Date and Time when the data was Updated
UpdateUser Bigint Checked It stores which system made the Update

Plagiarism Scan Report

Summary	
Report Genrated Date	16 Apr, 2017
Plagiarism Status	**100% Unique**
Total Words	278
Total Characters	3131
Any Ignore Url Used	

Content Checked For Plagiarism:

2) user_registration.aspx.cs
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Client
{
public partial class user_registration : System.Web.UI.Page
{
prop objValue = new prop();
static String ConnString =
System.Configuration.ConfigurationSettings.AppSettings["Conn"].ToString();
SqlConnection cn = new SqlConnection(ConnString);
DataTable dt = new DataTable();
InteractionMethods objInteraction = new InteractionMethods();
DataSet ds = new DataSet();

protected void Page_Load(object sender, EventArgs e)
{
try
{
if (!IsPostBack)
{

}
}
catch (Exception)
{

```
}
}

protected void Register_Click(object sender, EventArgs e)
{
objValue.Name = username.Text;
objValue.MobileNumber = Convert.ToInt64(mobile_no.Text);
objValue.EmailId = email.Text;
objValue.Password = password.Text;
objValue.Flag = "A";
objValue.CreateDate = System.DateTime.Now;
objInteraction.userregisterInsert(objValue);
username.Text = "";
mobile_no.Text = "";
email.Text = "";
password.Text = "";
Response.Redirect("user_login.aspx");
}
}
}
```

3) user_login.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/Client/Client.Master"
AutoEventWireup="true" CodeBehind="user_login.aspx.cs"
Inherits="Ext_RealEstate.Client.user_login" %>
```

4) user_login.aspx.cs

```
using BAL;
using DAL;
using System;
using System.Collections.Generic;
using System.Data;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace Ext_RealEstate.Client
{
public partial class user_login : System.Web.UI.Page
{

prop objValue = new prop();
InteractionMethods objInteraction = new InteractionMethods();
DataSet ds = new DataSet();

protected void Page_Load(object sender, EventArgs e)
{
```

```
}

protected void user_login_Click(object sender, EventArgs e)
{
objValue.Email = email.Text;
objValue.Password = password.Text;
ds = objInteraction.UserLogin(objValue);
if (ds.Tables.Count > 0)
{
if (ds.Tables[0].Rows.Count > 0)
{

//Response.Cookies["Login"]["Id"] = ds.Tables[0].Rows[0]["Id"].ToString();
Response.Cookies["Login"]["Email"] = ds.Tables[0].Rows[0]["Email"].ToString();
Response.Cookies["Login"]["Password"] = ds.Tables[0].Rows[0]["Password"].ToString();
Session["Loginname"] = ds.Tables[0].Rows[0]["Name"].ToString();
Session["Email"] = ds.Tables[0].Rows[0]["Email"].ToString();
Session["Mobile_Number"] = ds.Tables[0].Rows[0]["Mobile_Number"].ToString();
Response.Cookies["Login"].Expires = DateTime.Now.AddDays(1);
var name = ds.Tables[0].Rows[0]["Name"].ToString();
if (name=="Admin")
{
Response.Redirect("../Admin/default.aspx");
}
else
{
Response.Redirect("default.aspx");
}
String Id = ds.Tables[0].Rows[0]["Id"].ToString();
Response.Redirect("default.aspx?Id=" + Id);

}
else
{
//Response.Redirect("signin.aspx");
ScriptManager.RegisterStartupScript(this, GetType(), "displayalertmessage", "Dialouge()", true);
}
}
else
{
//Response.Redirect("signin.aspx");
ScriptManager.RegisterStartupScript(this, GetType(), "displayalertmessage", "Dialouge()", true);

}

}
}
}
```

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Plagiarism Scan Report

Summary	
Report Genrated Date	16 Apr, 2017
Plagiarism Status	**100% Unique**
Total Words	11
Total Characters	194
Any Ignore Url Used	

Content Checked For Plagiarism:

ChangePassword.aspx
<%@ Page Title="" Language="C#" MasterPageFile="~/Admin/Admin_Master.Master"
AutoEventWireup="true" CodeBehind="Password.aspx.cs"
Inherits="Ext_RealEstate.Admin.Password" %>

Plagiarism Scan Report

Summary	
Report Genrated Date	15 Apr, 2017
Plagiarism Status	**100% Unique**
Total Words	553
Total Characters	3567
Any Ignore Url Used	

Content Checked For Plagiarism:

6.1 Test Cases

No Test Case Input Output Description

1 Login Correct username,Incorrect password Should not login On providing Correct username and incorrect password,user should not be allowed to login
2 Login InCorrect username,correct password Should not login On providing inCorrect username and correct password,user should not be allowed to login
3 Login InCorrect username,Incorrect password Should not login On providing inCorrect username and incorrect password,user should not be allowed to login
4 Login Correct username,correct password Should login On providing Correct username and correct password,user should be allowed to login
5 Registration Incorrect details Try again if incorrect details are provided registration will not be done
6 Registration Correct details Submitted correctly If provided details are correct then registration will be done.
7 Password Improper length Try again If length of the password is less than 8 then error message will be displayed.
8 Password Invalid character Try again The password should contain the combination of alphanumeric characters.
9 Reset password If(reset password!=confirm password) Reenter password If the confirm password is not equal to reset password then error message will come.
10 Reset password Reset password=conform password New password generated If the confirm password is equal to reset password then new password will be generated
11 Searching property Item details Property
Available If searched property is available then that item will be displayed
12 Searching property Item details Property not available If searched property is not available then it will not be displayed
13 Add Property Sufficient details Successfully added If provided details are correct then property will be added
14 Add Property Insufficient details Unsuccessful If provided details are incorrect then property will not be added.

CHAPTER – 7
Limitations and Future Enhancement

Limitations:

 Online Payment cannot be made.
 Huge database is required to store all the data and images of the property
 User cannot have 3-d view of the property
 Mobile-apps are not available currently.

Future Enhancement:

 The portal is planned to be launched with mobile computing system in future.
 Even provinces for the E-wallet and online payment can be made.
 The data and the resources in the future can be stored and managed using cloud computing.
 Even data mining methods can be used to manage and store the data efficiently.
 360-degree images of the property can be made available using advanced techniques.

CHAPTER – 8
Conclusion
The real estate portal provides the common platform for communication and interaction between the system users unlike the conventional one. This can be efficiently carried out by introducing various models such as B2C, C2C and C2B. Moreover, the conventional system does not provide the estimate of property rate and property specification. The portal will overcome the problems mentioned above and will provide better estimation for rates and specifications of the property. This makes users easier to use the portal and hence every individual could take benefit from the portal. Also, the client side of the portal will be fully handled by portal dynamically. Furthermore, the agent is no more needed in the dealing of every property. Users, by themselves can do the dealing of the property by posting it, searching for it and then contacting the contact person. All other handling work can be done by other specially assigned person for the activity.