1. SYNOPSIS

1.1 TITLE:

"Alumni Management"

1.2 OBJECTIVE

The objective of this project entitled "**Alumni Management**" is to provide services to the users in very effective manner that satisfies the users necessary.

1.3 DESCRIPTION

- The project deals with software essential activities done, but in easier way by computing the whole management system. These days the people are facing different types of problems and that to particularly pertaining to maintaining the facilities for the users.

- The maintenance of Alumni Management is a very crucial and important function in this current scenario. This project overcomes the difficulty by providing various types of facilities to the users.

- The Aim of project is to provide useful automated system (instead of manual work). It provides a user friendly interface for administrating the user activities. It provides integrated system for managing the various activities.

1.4 MODULES

Alumni Management project is consisting of the modules Customer and Admin. Each module has sub modules. Admin is the super user of the application.

LOGIN:

This module will only allow authenticated Customer and Admin to use the product thus providing a security to the product. This module will verify the username and the password for the authentication.

USER MODULES:

- REGISTRATION.
- LOGIN.
- SEARCH ALUMNI.
- VIEW AND PARTICIPATE IN EVENT.
- CANCEL MY PARTICIPATION.
- VIEW MY BOOKING HISTORY.
- SEND QUERIES TO ADMIN.
- VIEW ALL MY QUERIES AND REPLIES.
- VIEW MY DETAILS.
- EDIT MY DETAILS.
- RESET PASSWORD.

ADMIN MODULES:

- LOGIN.
- ADD EVENT.
- REMOVE EVENT.
- VIEW ALL ALUMNI.
- VIEW ALL ALUMNI MEET BOOKINGS.
- VIEW ALL REGISTERED USERS.
- VIEW ALL QUERIES.
- SEND RESPONSE TO QUERIES.

2. SYSTEM ANALYSIS

2.1 ABOUT THE PROJECT

"**Alumni Management**" is application software which provides an easy way to automate all functionalities customer services. The project developed using ASP.Net as front end and SQL server as back end.

The objective is not only to automate all functionalities, but also to provide full functional reports to top management of admin with the finest of details about any aspect of admin with the finest details about any aspect of adoption. It mainly consists of Users details & information.

2.2: EXISTING SYSTEM:

- The existing system is a manual one, so takes more time in keeping records.
- To trace any particular record the administrator had to go through the whole
- Ledger and find out.
- Tedious in work flow.
- The problem in the existing system is that it is less user-friendly.
- Description of the product obtained only on manually. Accuracy not guaranteed.

2.3: PROPOSED SYSTEM:

- The proposed system is the computerized system and this would eliminate the drawbacks in the existing systems like, to find any particular record.
- Records can be updated within seconds.
- It eliminates the need of paper work
- User friendliness is provided in the application.

3. SYSTEM SPECIFICATION

3.1 HARDWARE REQUIREMENTS (MINIMUM)

TYPE	NAME
Processor	Pentium 4
RAM Capacity	512 MB
Hard Disk capacity	250 GB

3.2 SOFTWARE REQUIREMENTS (MINIMUM)

TYPE	NAME
Operating System	Windows 7, 8 and 10
Front End Tools	Visual Studio 2010
Back End Tools	SQL Server 2008
Browser	Internet Explorer 6.0, Chrome etc.

3.3 INPUT AND OUTPUT DEVICES

- Monitor
- Keyboard
- Mouse
- Printer

4. SOFTWARE DEVELOPMENT LIFE CYCLE

4.1 INTRODUCTION

The software development life cycle can be defined as "The process of developing generic software up to user satisfaction, generally the SDLC model or architecture involves following phrases.

1. Requirement Analysis
2. Design Analysis
3. Implementation and coding
4. Testing and Debugging
5. Maintenance

4.1.1 REQUIREMENT ANALYSIS

In this process collecting the data and the information from different resources, stored at the centralized locations.

4.1.2 DESIGN ANALYSIS

At this phase designing the software includes data design and architecture design.

4.1.3 IMPLEMENTATION AND CODING

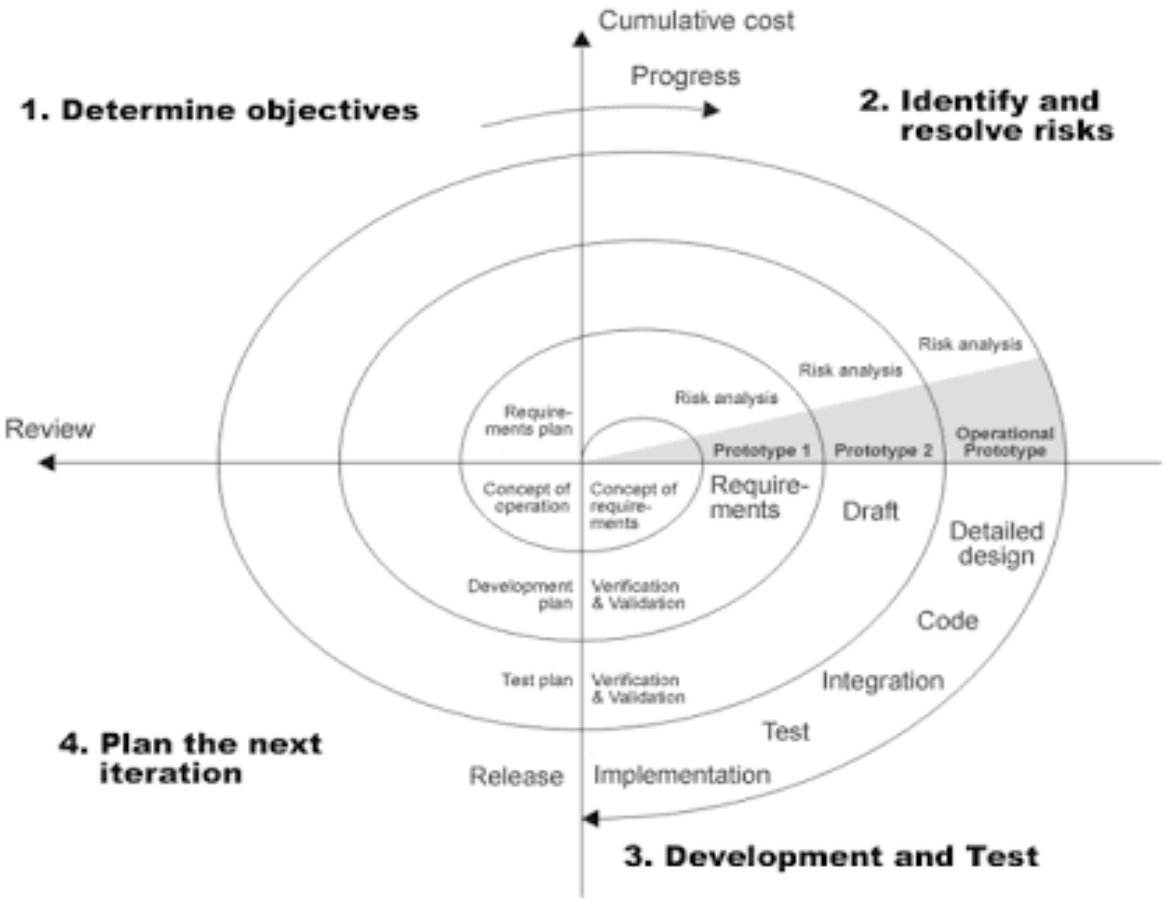
This is the process of implementing a functional part of the product or project using appropriate programming languages.

4.1.4 TESTING AND DEBUGGING

The software developed using different testing methods and tools. The main objective of this phase is to rectify the errors and debug them.

4.1.5 MAINTENANCE

It is also called as post installation phase. It involves maintenance of the developing tasks, but maintenance is very complicated task.



5. SOFTWARE SPECIFICATION

5.1 INTRODUCTION TO ASP.NET

ASP.NET is a powerful tool for making dynamic and interactive web pages. It is a server side scripting technology that enables embedded (in web pages) to be executed by an internal server.ASP.NET supports three different development models: Web Pages, MVC (Model View Controller) and Web forms.

ASP.NET has been designed to work seamlessly with HTML editors and other programming tools, including Microsoft Visual Studio. .NET not only does this make Web Development easier, but it also provides all the benefits that these tools have to offer, including a GUL that developers can use to drop server controls onto a Web pages and fully integrated debugging support.

HOW DOES ASP.NET WORKS?

ASP.NET is programming frameworks built on the common language runtime that can be used in sever to build powerful web applications. ASP.NET offers several important advantages over previous web development modules:

- **ENHANCED PERFORMANCE**

  ASP.NET is compiled common language runtime code running on the server. Unlike its interpreted predecessors, ASP.NET can take advantage of early binding, just-in-time compilation, native optimization and caching services right out of the box. This amounts to dramatically better performance before you ever write a line of code.

- **WORLD-CLASS TOOL SUPPORT**

  The ASP.NET framework is complemented by a rich tool box and designer in the visual studio integrated development environment. Drag-and –drop server controls and automatic deployment are just a few of the features this powerful tool provides.

- **CUSTOMIZABILITY AND EXTENSIBILITY**

ASP.NET delivers a well factored architecture that developers to "plug-in" their code at the appropriate level. In fact, it is possible to extend or replace any subcomponent of the ASP.NET runtime with your custom-written component, implement custom authenticating or state services has never been easier.

- **POWER AND FLEXIBILITY**

Because ASP.NET is based on the common language runtime, the power and flexibility of that entire platform is available to web application developers. The .Net framework class library, messaging, and data access solutions are all seamlessly accessible from the web.ASP.NET is also language-independent, so you can choose the language that best applies to your application or partition your application across many languages. Further, common language runtime, interoperability guarantees that your existing investment in COM-based development is preserved when migrating to ASP.NET.

- **SECURITY**

With built in windows authentication and per application configuration, you can be assured that your applications are secure.

- **SIMPLICITY**

ASP.NET makes it easy to perform common tasks, from simple form submission and client authentication to deployment and site configuration. For example, the ASP.NET page framework allows you to build user interfaces that cleanly separate application logic from presentation code and to handle events in a simple, visual Basic like forms processing model. Additionally, the common language runtime simplifies development with managed code services such as automatic reference counting and garbage collection.

- **MANAGEABILITY**

ASP.NET employs a text-based, hierarchical configuration system, with simplifies applying settings to your server environment and web applications, become configuration information is stored as plain text new settings may be applied without the aid of local administration tools. This "zero local administration "philosophy extends to deploying ASP.NET.no server restarts is required, even to deploy or replace running complied code.

- **SCALABILITY AND AVAILABILITY**

ASP.NET has been designed with scalability in mind, with features specially tailored to improve performance in clustered and multiprocessor environment further, processor are closely monitored and managed by the ASP.NET runtime, so that if one misbehaves(leaks, deadlocks),a new process can be created in its place, which helps keeps your application constantly available to handle requests.

5.1.1 ASP.NET OVERVIEW

- ASP.Net provides services to allow the creations, development and execution of the web Applications and Web Services.
- Like ASP, ASP.Net is a server-side technology.
- Web applications are built using web Forms. ASP.Net comes with built in Web Forms controls, which are responsible for generating the user interface.
- Web forms are designed to make building web-based application as easy as building visual basic applications.

5.1.2 MERITS OF ASP.NET

- Separation of code from HTML
- Support for compiled languages
- Use services provided by the .NET Framework
- Graphical Development Environment
- State Management

5.2 SQL SERVER 2008

Microsoft SQL 2008 is a full featured relational database management system that offers a variety of administrative tools. Microsoft SQL server is an application used to create computer database.

Microsoft SQL provides an environment used to generate database that can be accessed from workstations internet or other media such as Personal Digital Assistant (PDA).

- A connection represents a physical connection to some data store such as SQL SERVER.
- A command represents a directive to retrieve from (select) or manipulate (insert, update or delete) the data store.
- A dataset represents the actual data an application works with .net that data sets are always disconnected from their source connection to data set can be easily reconciled with the originating data model.

As we know that the database is a repository for stored, operational data in a database environment and common data are available and used by several users. Instead of each program (or user) to manage its own data, the data across applications are shared by all authorized users with the help of database software managing the data as an entity.

The general concept behind a database is to handle information as an integrated whole. A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and effectively. The general objective is to make information easy, quick, expensive and flexible for the user.

IN DATABASE DESIGN SPECIFIC OBJECTIVES ARE CONSIDERED

- Ease of learning and use.
- More information at low cost.
- Accuracy and integrity.
- Recovery from failure.
- Performance.

In this way, it is characterized by quick retrieval of information from huge tables. This quality allows it to cater to the ever-changing business needs of the present age. It supports fourth generation language, SQL, thereby making it easier for the customers to grasp it, a development language where complicated procedures, functions etc. can be used.

ADVANTAGES OF SQL SERVER 2008

- Increased scalability and performance, and tight yet flexible security controls.
- It simpler and easier to deploy, manage, and optimize enterprise data and analytical applications.
- It enables you to monitor, manage and tune all of the databases in the effective way.
- SQL Server 2008 provides a new capacity for the partitioning of tables across file groups in a database.

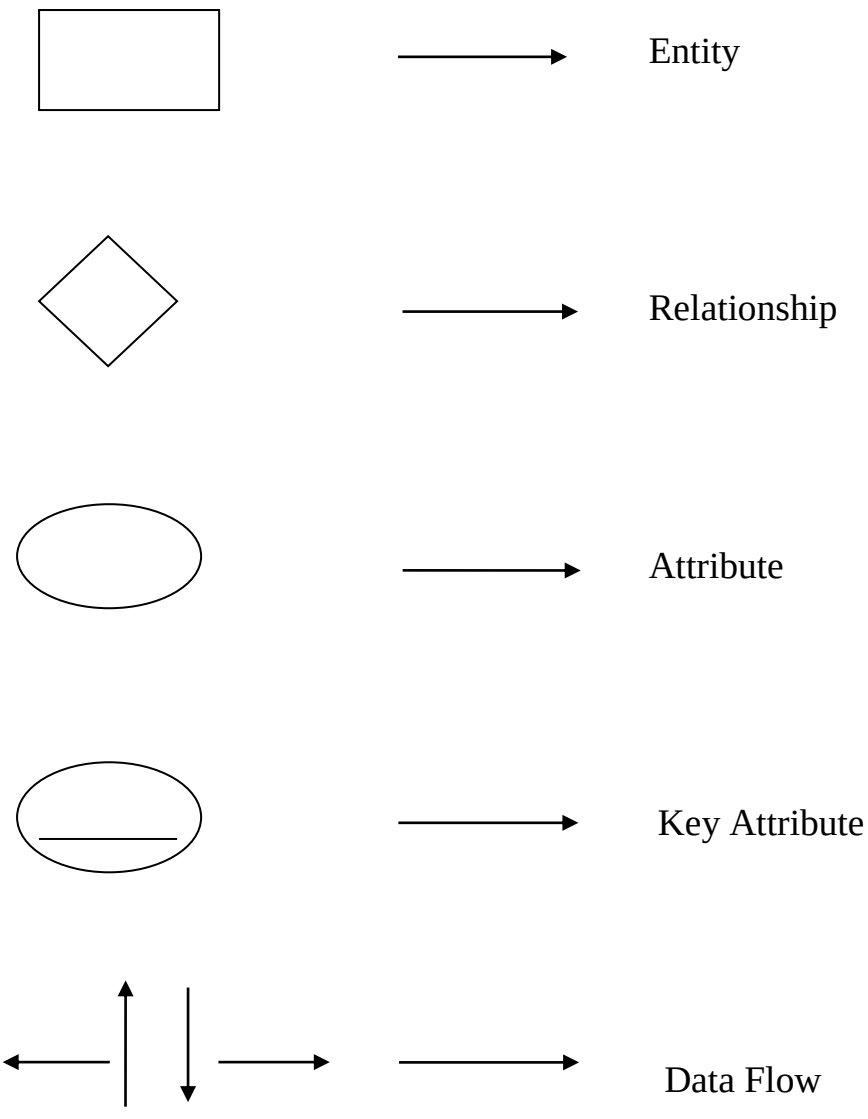
6. SYSTEM DESIGN

6.1 ENTITY-RELATIONSHIP DIAGRAM

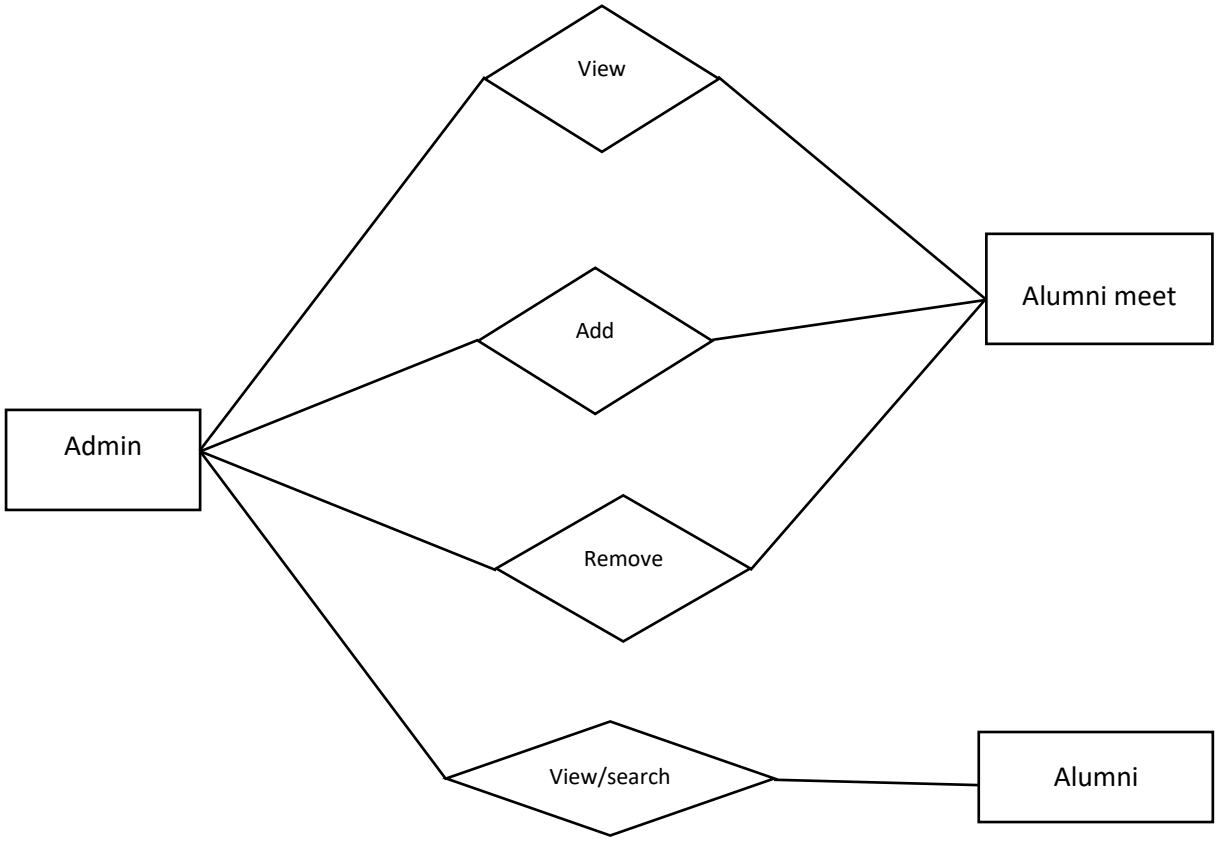
DESCRIPTION:

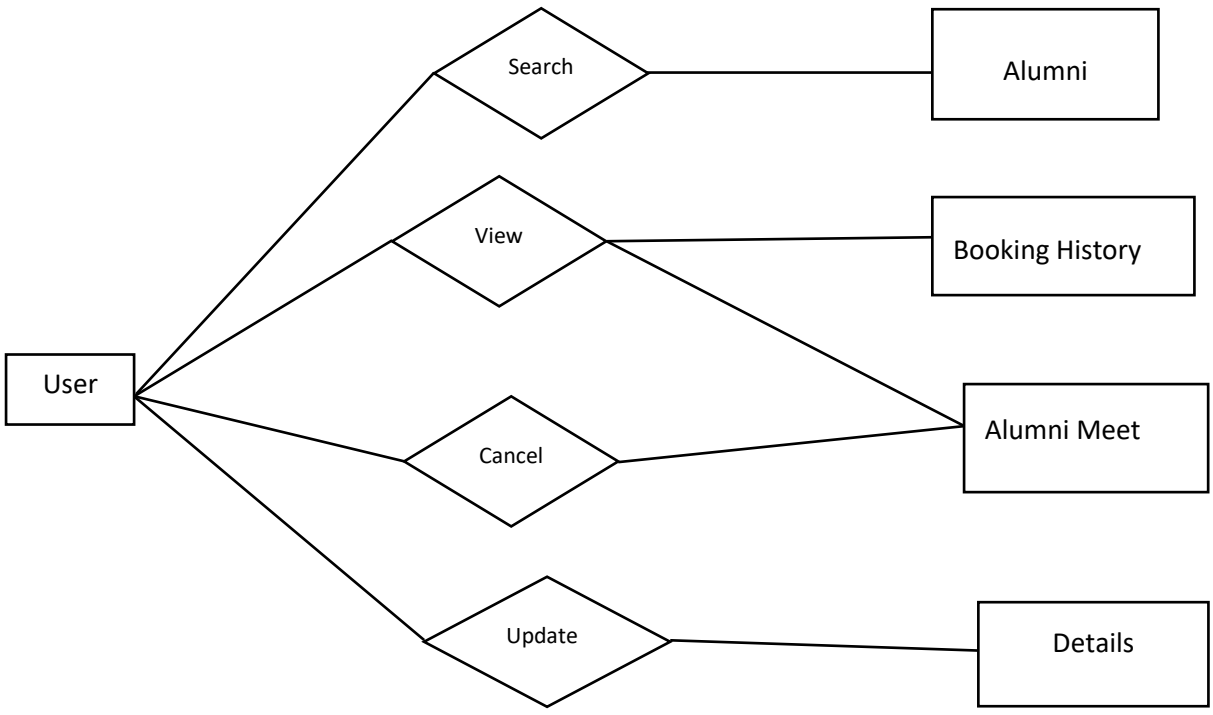
An entity-relationship diagram is a graphical depiction of organizational system elements and the association among the elements.

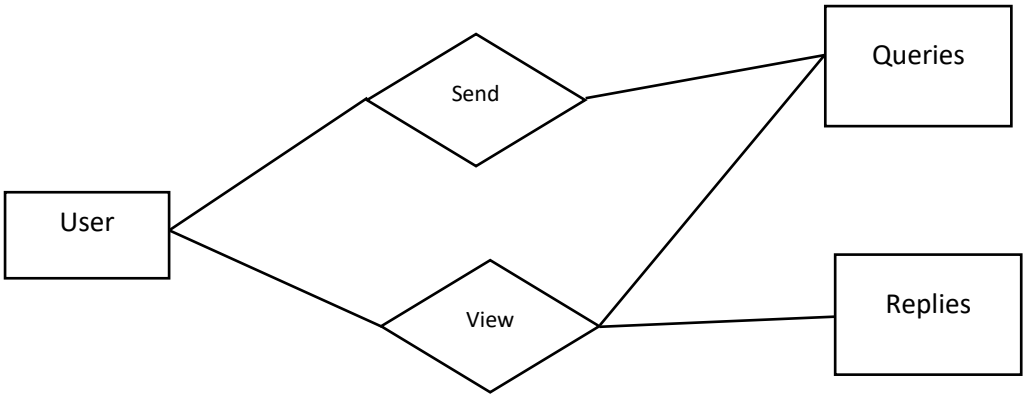
ENTITY_RELATIONSHIP SYMBOLS

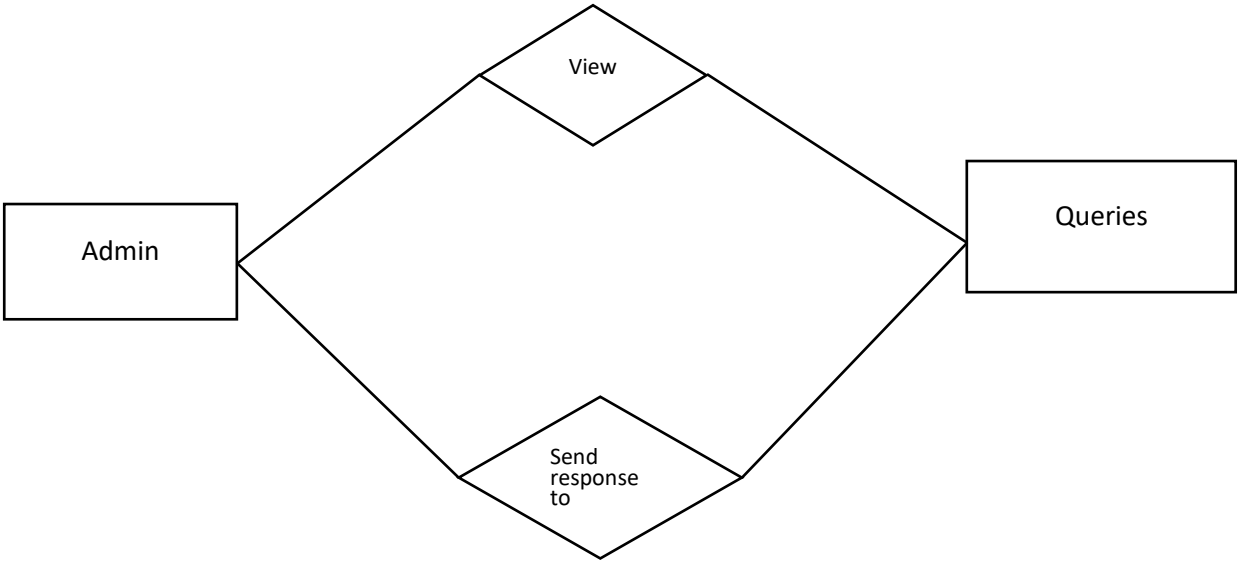


E R Diagram


View
Alumni meet
Add
Admin
Remove
View/search
Alumni


Search
Alumni
View
Booking History
User
Alumni Meet
Cancel
Update
Details


Queries
Send
User
View
Replies


View
Admin
Queries
Send
response
to

7. DATABASE TABLES

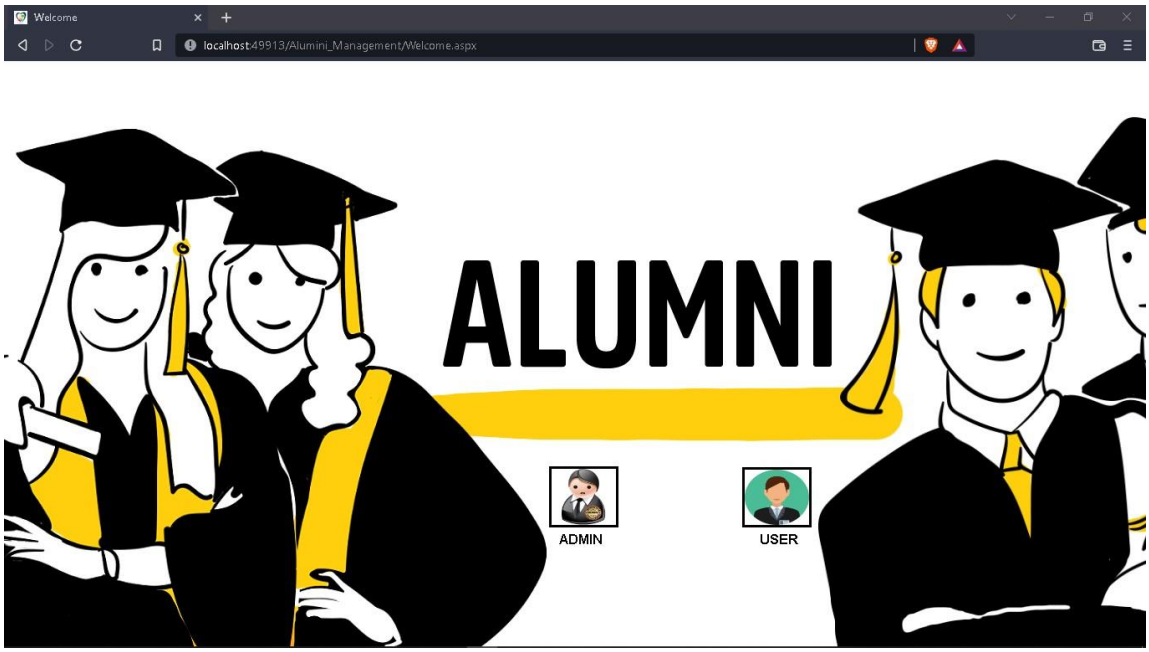
Column Name	Data Type
Name	varchar(50)
Contact	varchar(50)
Email_Id	varchar(50)
Batch	varchar(50)
Course	varchar(50)
Username	varchar(50)
Password	varchar(50)
Backup_Contact	varchar(50)
Backup_Email_Id	varchar(50)

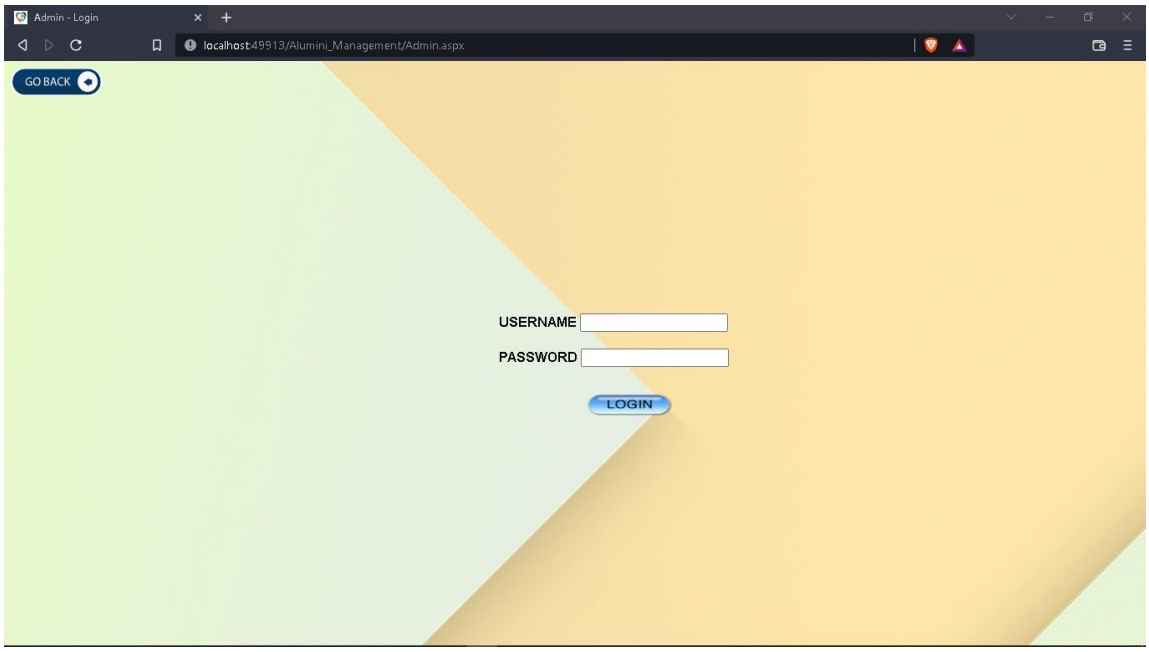
Column Name	Data Type
Event_ID	varchar(50)
Username	varchar(50)
Date__of_Booking	varchar(50)
Status	varchar(50)

Column Name	Data Type
Event_ID	varchar(50)
Event_Name	varchar(50)
Date_of_Event	varchar(50)
Address	varchar(50)
Description	varchar(50)
Status	varchar(50)

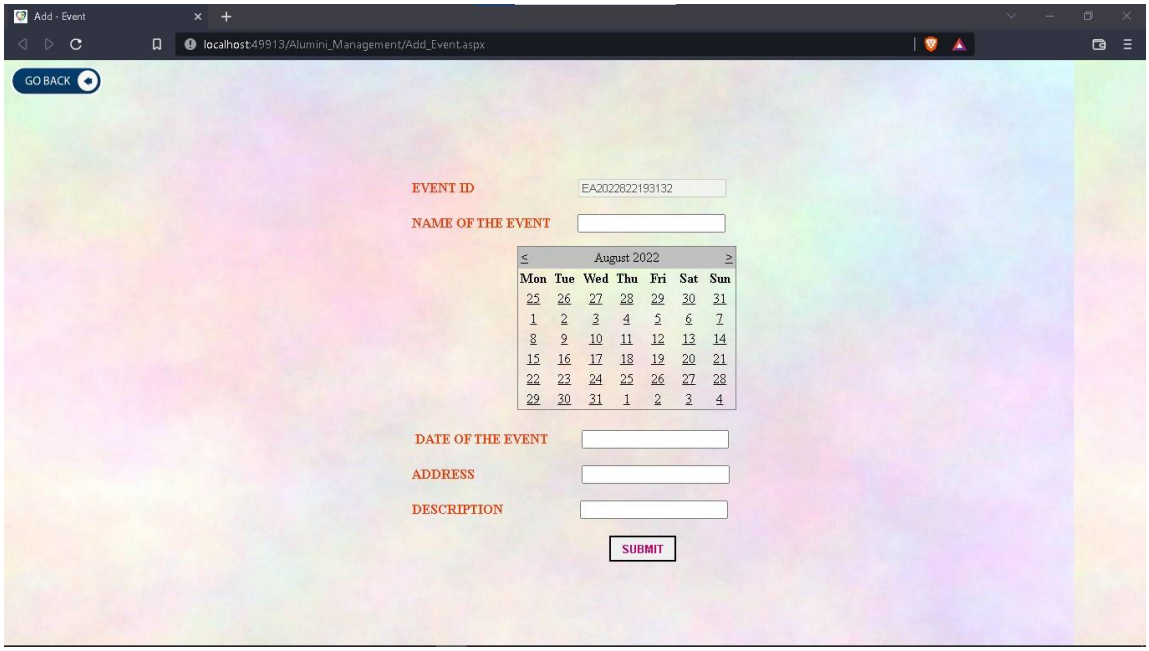
Column Name	Data Type
Query_Id	varchar(50)
Username	varchar(50)
Date_of_Query	varchar(50)
Query	varchar(MAX)
Response	varchar(MAX)

8. INTERFACE


Welcome
localhost:49913/Alumini_Management/Welcome.aspx
ALUMNI
ADMIN
USER


Admin - Login
localhost:49913/Alumini_Management/Admin.aspx
GO BACK
USERNAME
PASSWORD
LOGIN


Admin - Home
localhost:49913/Alumini_Management/Admin_Homepage.aspx
GO BACK
"WELCOME--ADMIN"
ADD ALUMNI MEET
REMOVE ALUMNI MEET
VIEW ALL ALUMNI MEET
VIEW ALL ALUMNI MEET BOOKINGS
VIEW ALL REGISTER USERS
VIEW ALL QUERIES
SEND RESPONSE TO QUERY


Add - Event
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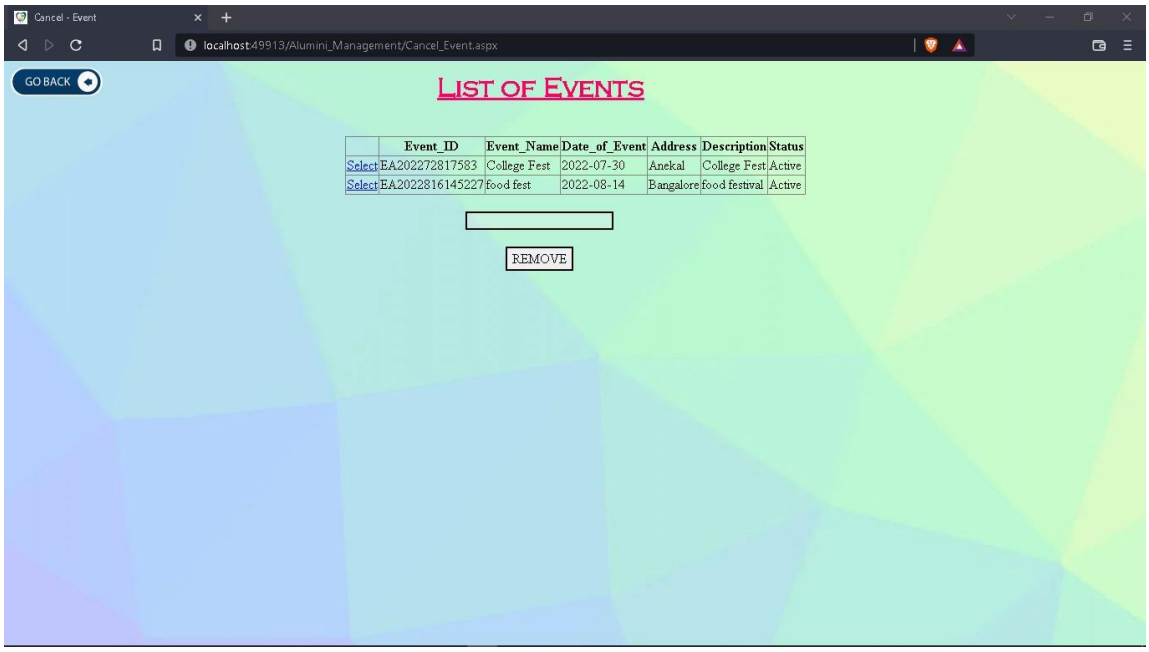
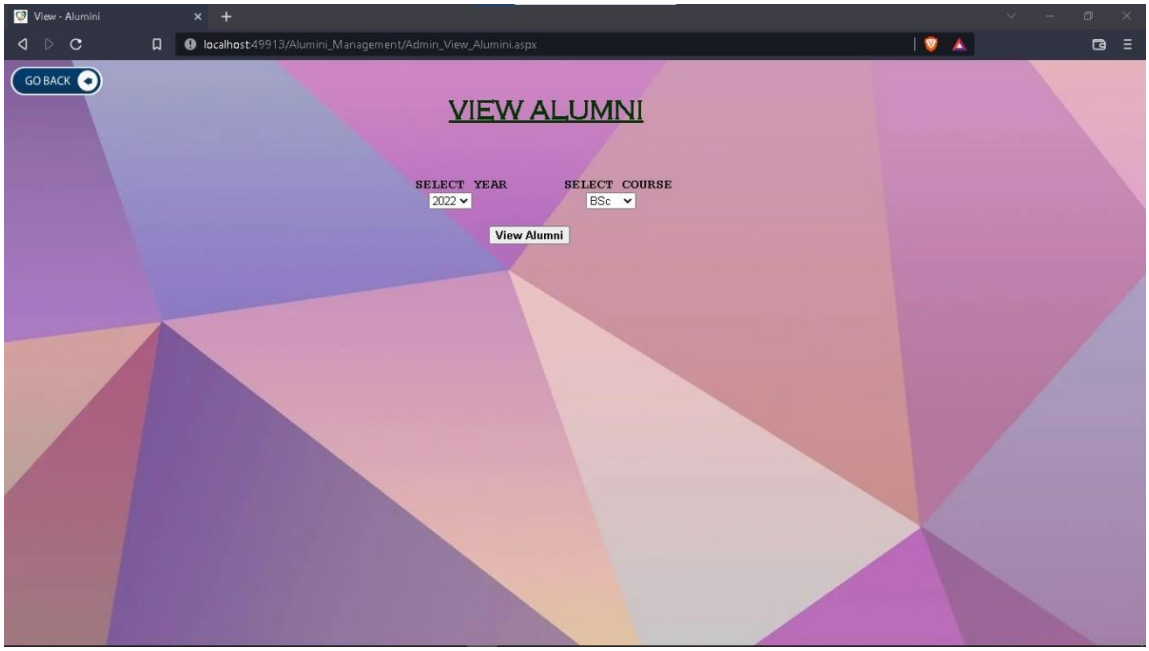
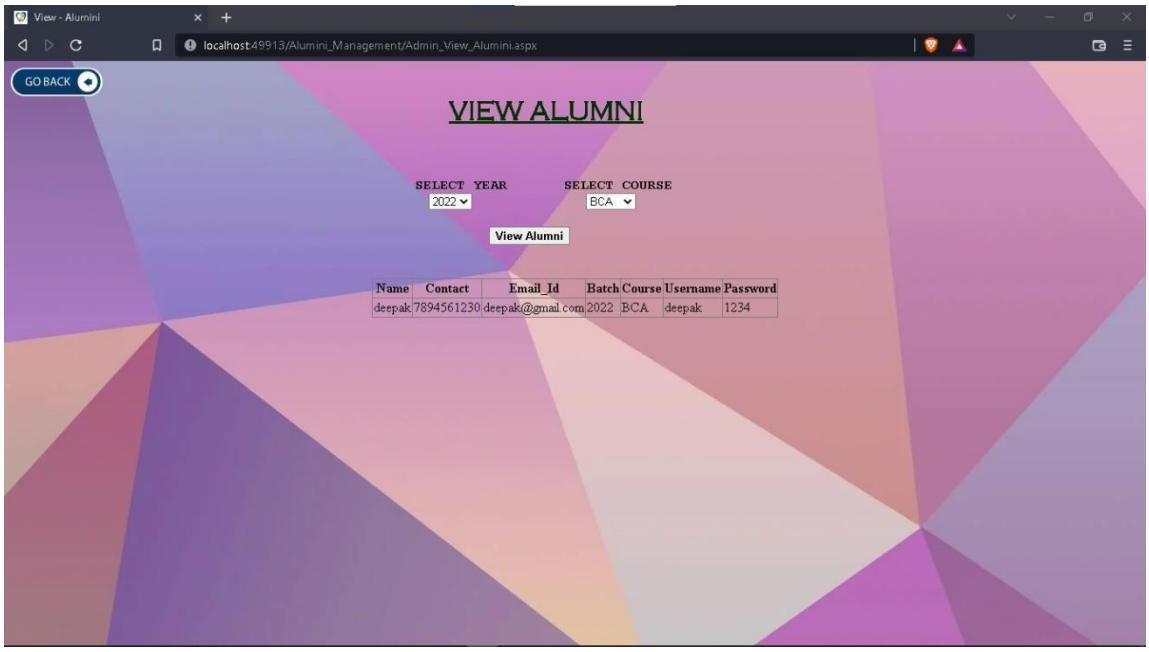
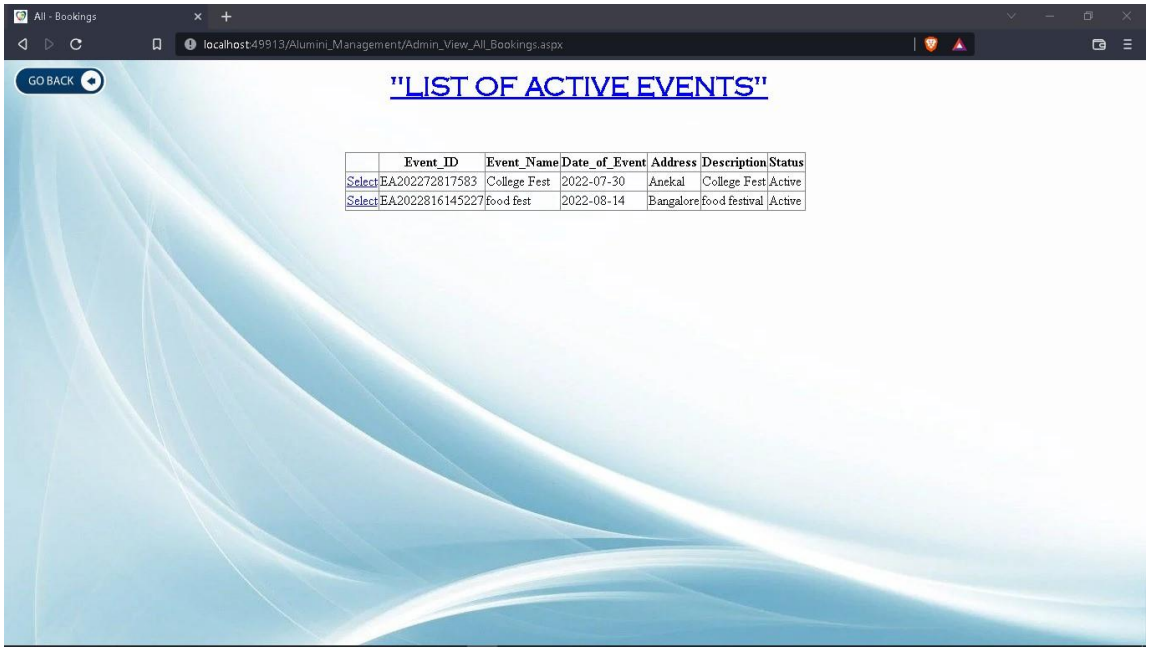
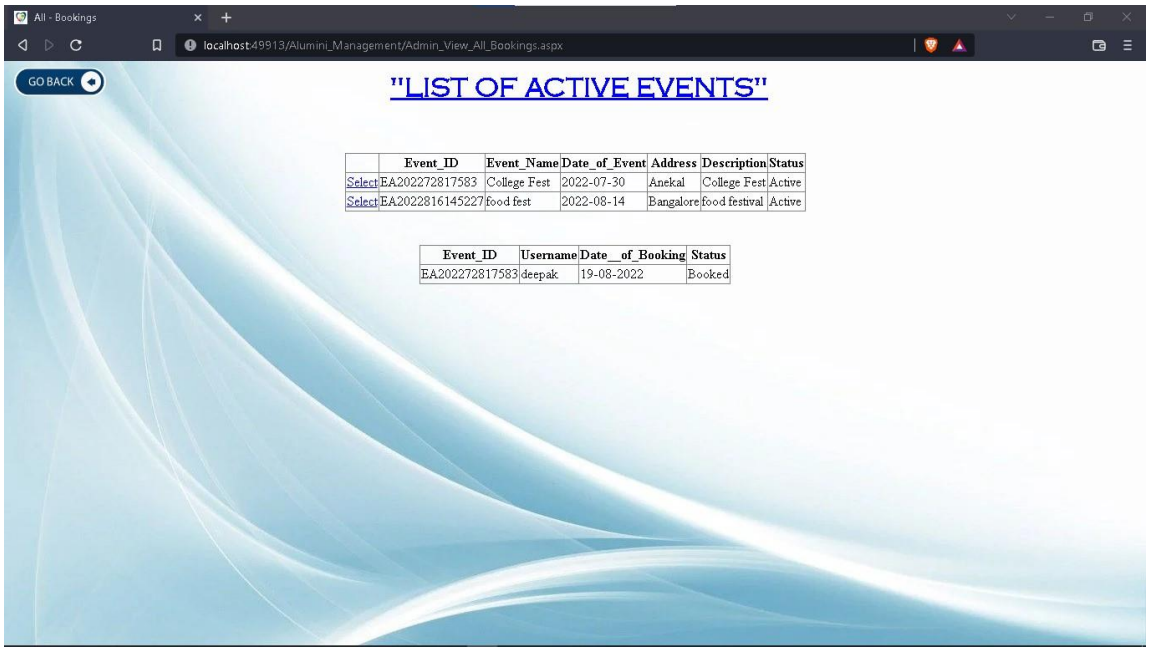
GO BACK
EVENT ID
EA2022822193132
NAME OF THE EVENT
August 2022
Mon Tue Wed Thu Fri Sat Sun
25 26 27 28 29 30 31
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31 1 2 3 4
DATE OF THE EVENT
ADDRESS
DESCRIPTION
SUBMIT


Cancel - Event
localhost:49913/Alumini_Management/Cancel_Event.aspx
GO BACK
LIST OF EVENTS
Event_ID
Event_Name
Date_of_Event
Address
Description
Status
Select
EA202272817583
College Fest
2022-07-30
Anekal
College Fest
Active
Select
EA2022816145227
food fest
2022-08-14
Bangalore
food festival
Active
REMOVE


View - Alumini
localhost:49913/Alumini_Management/Admin_View_Alumini.aspx
GO BACK
VIEW ALUMNI
SELECT YEAR
2022
SELECT COURSE
BSc
View Alumni

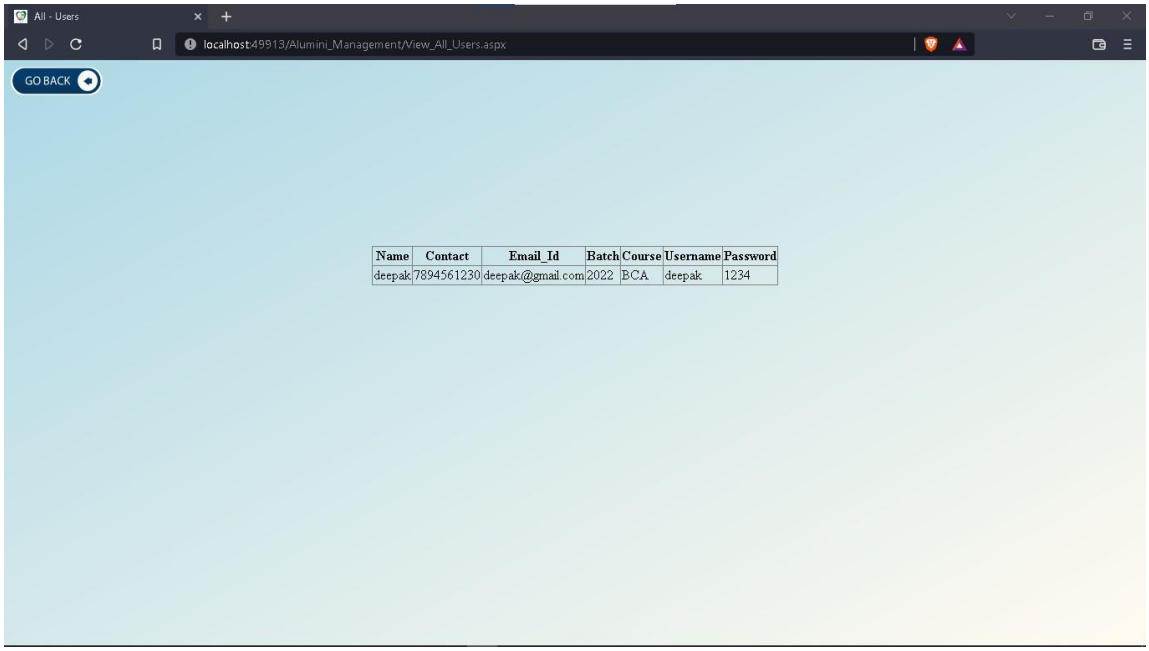

View - Alumini
localhost:49913/Alumini_Management/Admin_View_Alumini.aspx
GO BACK
VIEW ALUMNI
SELECT YEAR
2022
SELECT COURSE
BCA
View Alumni
Name Contact Email_Id Batch Course Username Password
deepak 7894561230 deepak@gmail.com 2022 BCA deepak 1234


All - Bookings
localhost:49913/Alumini_Management/Admin_View_All_Bookings.aspx
GO BACK
"LIST OF ACTIVE EVENTS"
Event_ID Event_Name Date_of_Event Address Description Status
Select EA202272817583 College Fest 2022-07-30 Anekal College Fest Active
Select EA2022816145227 food fest 2022-08-14 Bangalore food festival Active



	Event_ID	Event_Name	Date_of_Event	Address	Description	Status
Select	EA202272817583	College Fest	2022-07-30	Anekal	College Fest	Active
Select	EA2022816145227	food fest	2022-08-14	Bangalore	food festival	Active

Event_ID	Username	Date__of_Booking	Status
EA202272817583	deepak	19-08-2022	Booked



Name	Contact	Email_Id	Batch	Course	Username	Password
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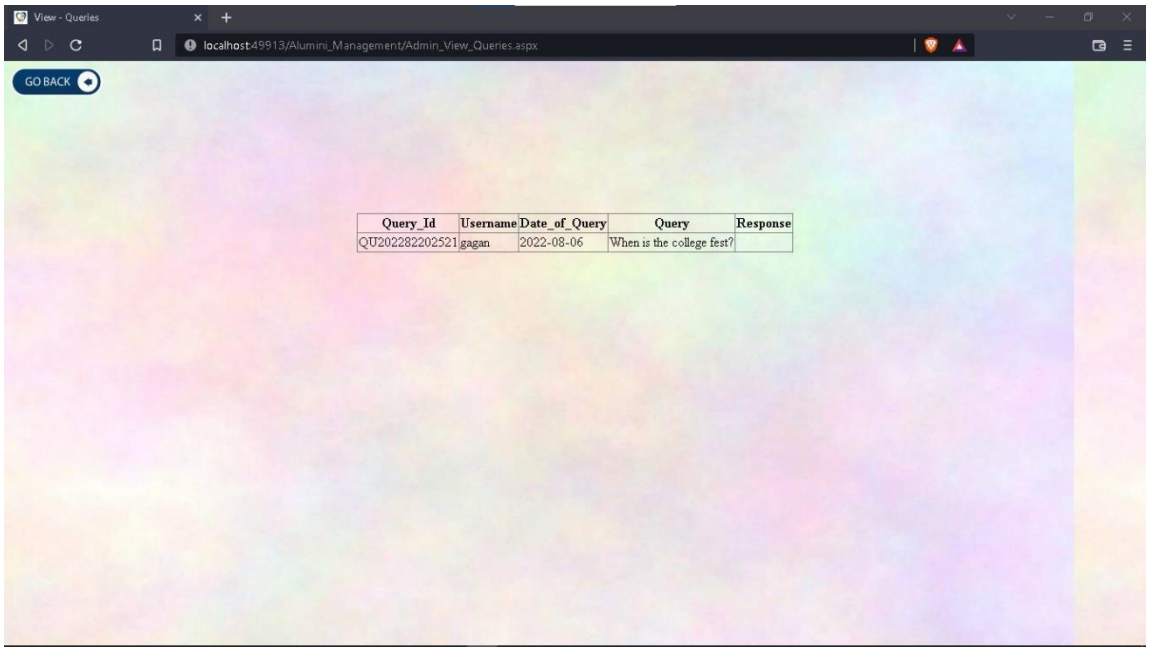
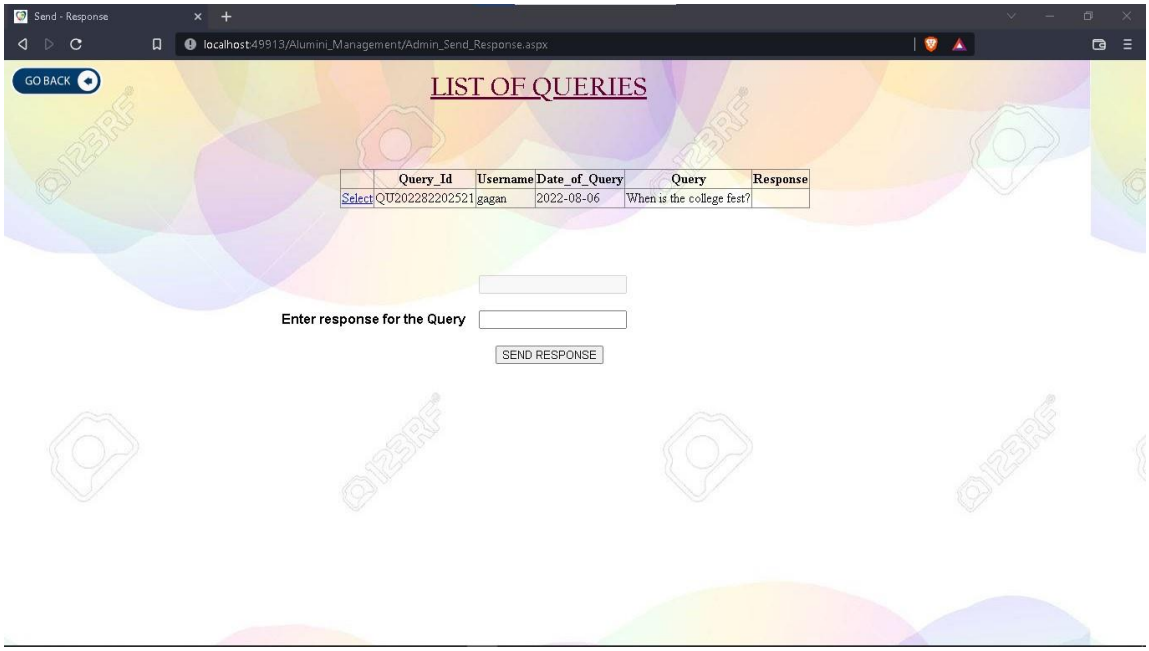
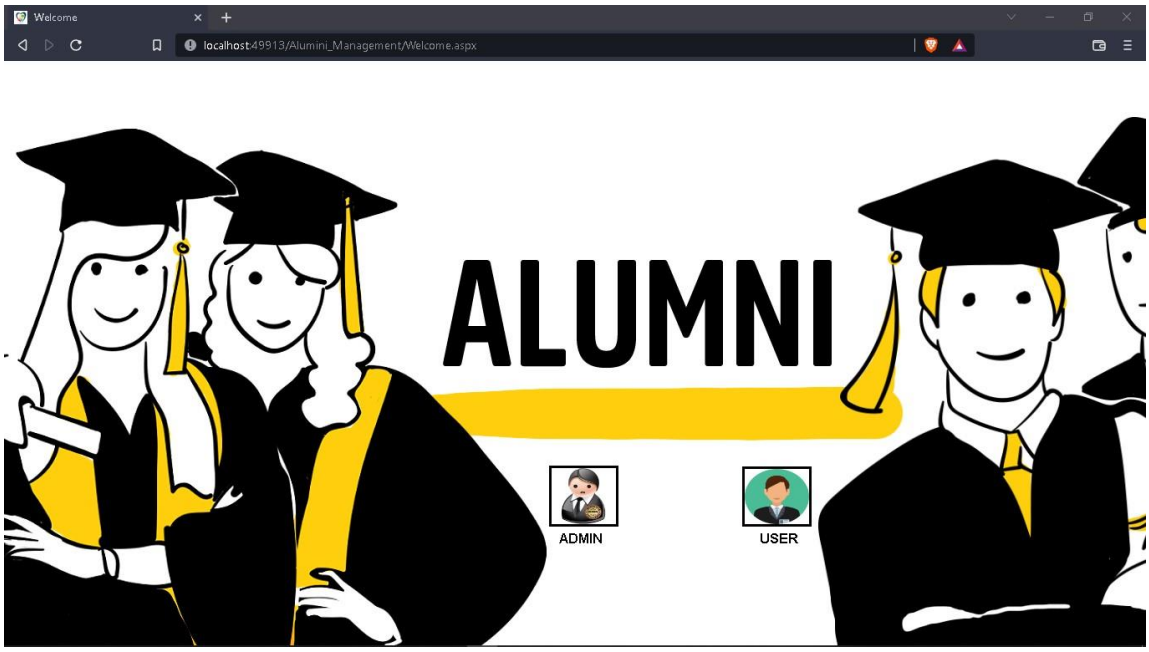
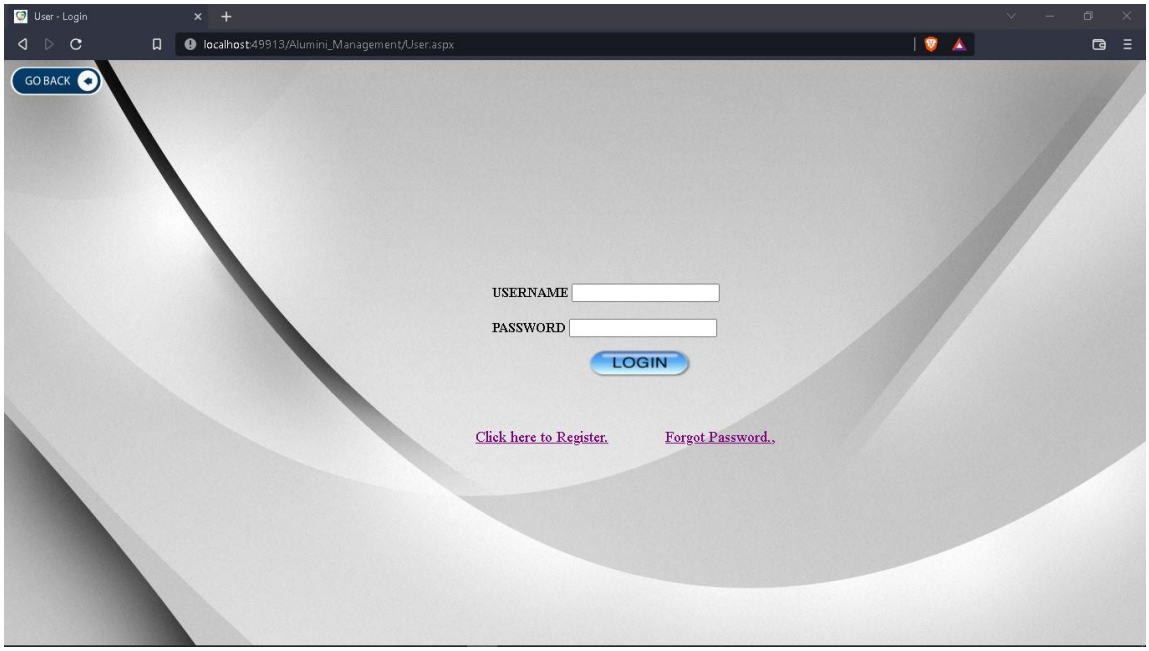
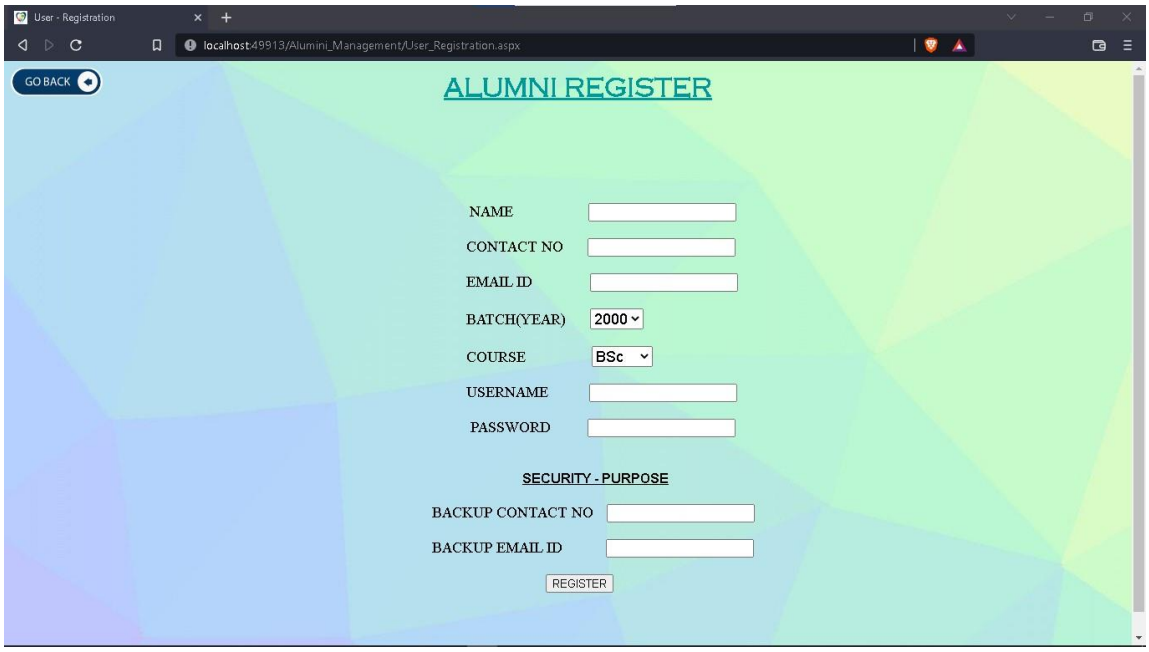
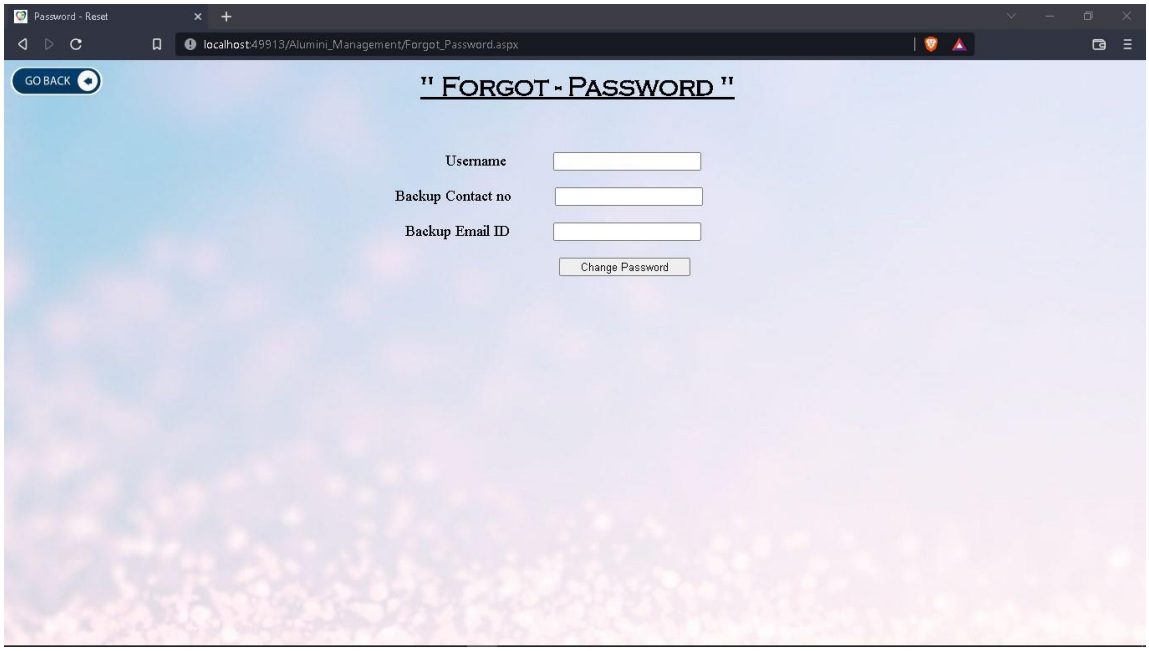

View - Queries
localhost:49913/Alumini_Management/Admin_View_Queries.aspx
GO BACK
Query_Id Username Date_of_Query Query Response
QU202282202521 gagan 2022-08-06 When is the college fest?

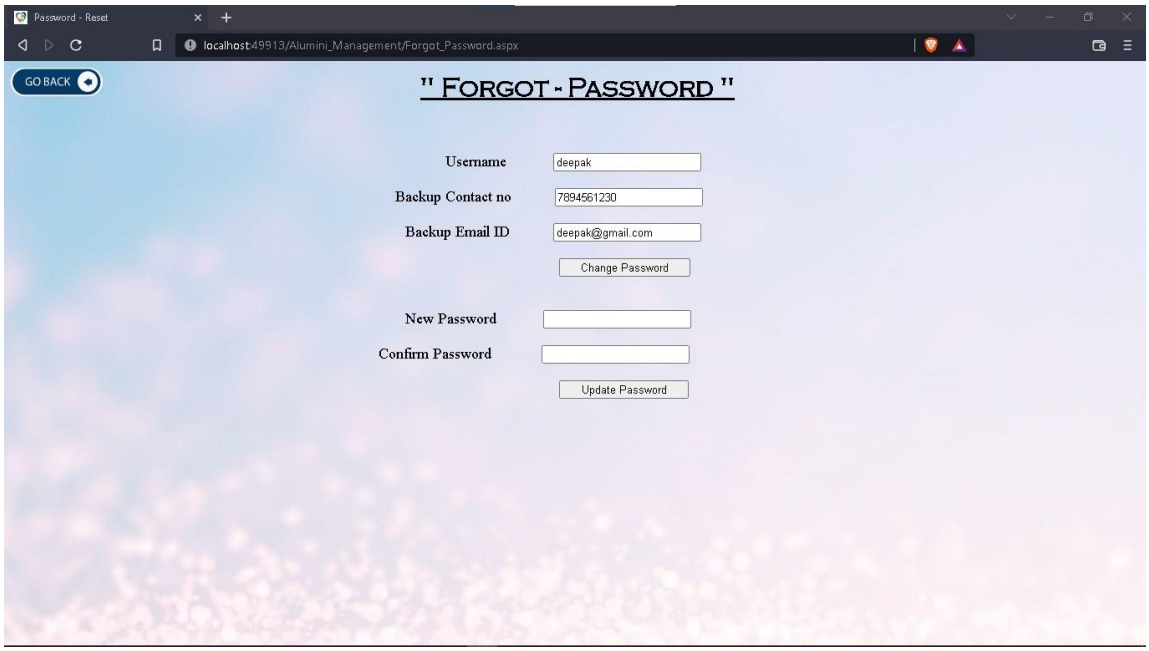

Send - Response
localhost:49913/Alumini_Management/Admin_Send_Response.aspx
GO BACK
LIST OF QUERIES
Query_Id Username Date_of_Query Query Response
Select QU202282202521 gagan 2022-08-06 When is the college fest?
Enter response for the Query
SEND RESPONSE

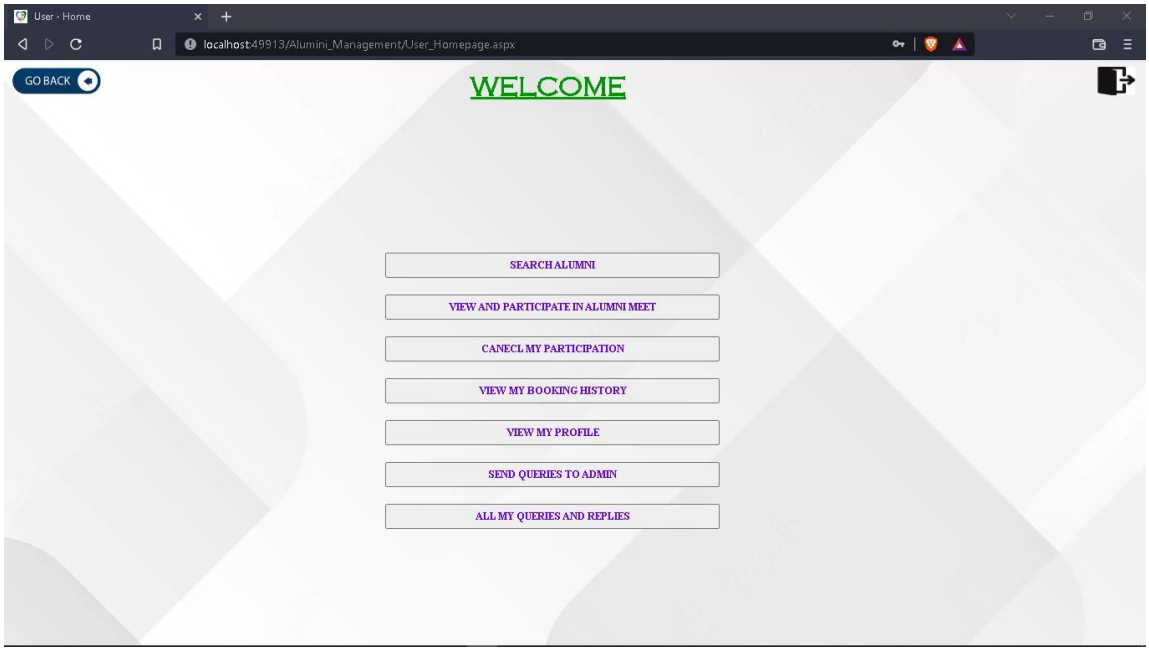

Welcome
localhost:49913/Alumini_Management/Welcome.aspx
ALUMNI
ADMIN
USER

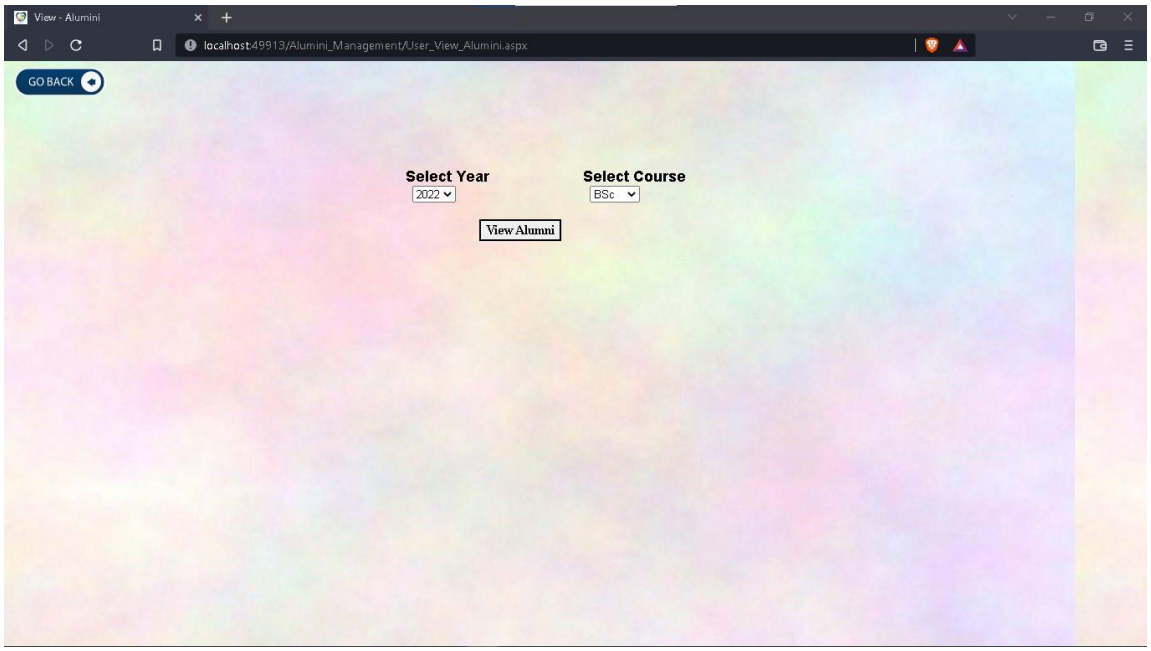

User - Login
localhost:49913/Alumini_Management/User.aspx
GO BACK
USERNAME
PASSWORD
LOGIN
Click here to Register.
Forgot Password.,

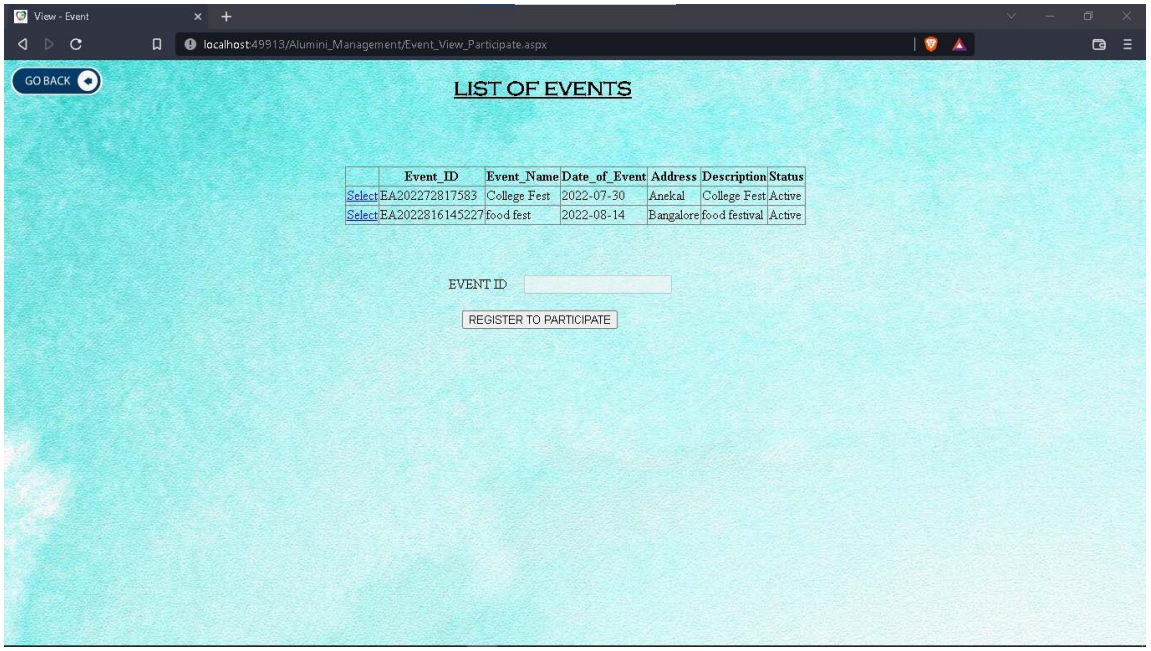

User - Registration
localhost:49913/Alumini_Management/User_Registration.aspx
GO BACK
ALUMNI REGISTER
NAME
CONTACT NO
EMAIL ID
BATCH(YEAR)
2000
COURSE
BSc
USERNAME
PASSWORD
SECURITY - PURPOSE
BACKUP CONTACT NO
BACKUP EMAIL ID
REGISTER

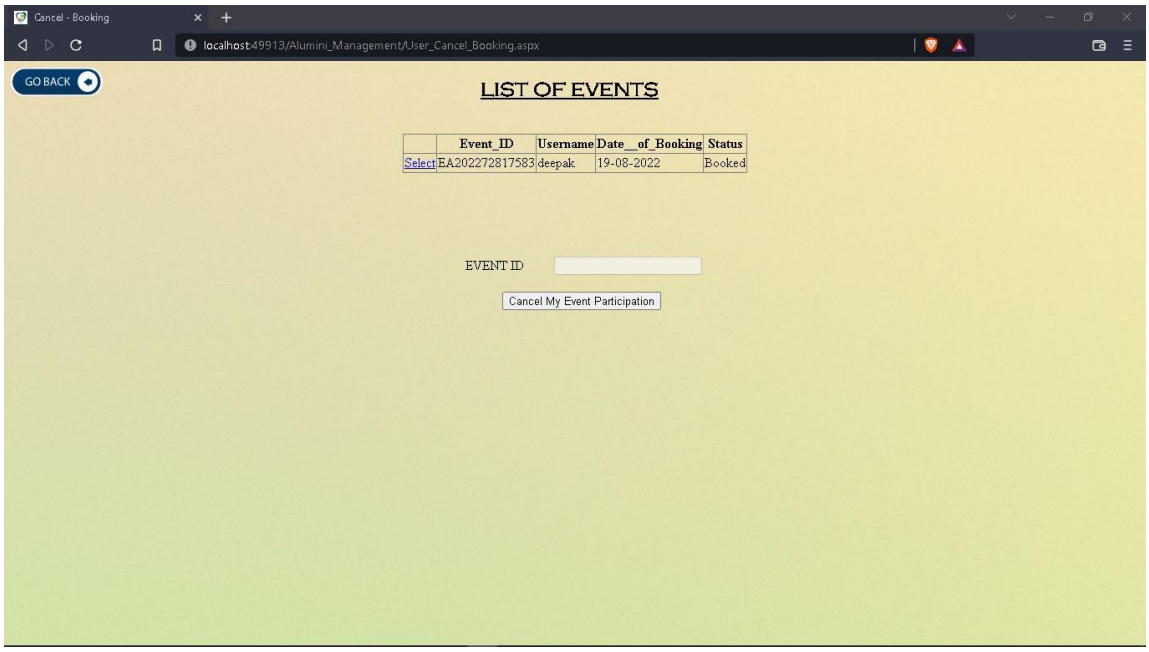

Password - Reset
localhost:49913/Alumini_Management/Forgot_Password.aspx
GO BACK
" FORGOT - PASSWORD "
Username
Backup Contact no
Backup Email ID
Change Password

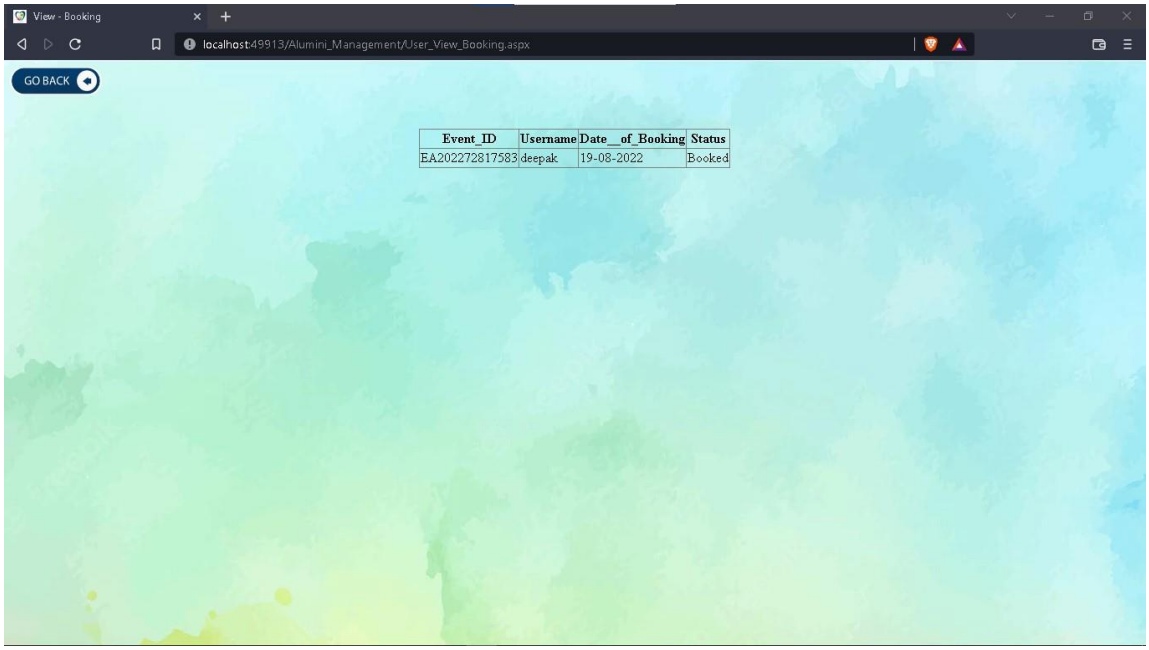

Password - Reset
localhost:49913/Alumini_Management/Forgot_Password.aspx
GO BACK
" FORGOT - PASSWORD "
Username
deepak
Backup Contact no
7894561230
Backup Email ID
deepak@gmail.com
Change Password
New Password
Confirm Password
Update Password

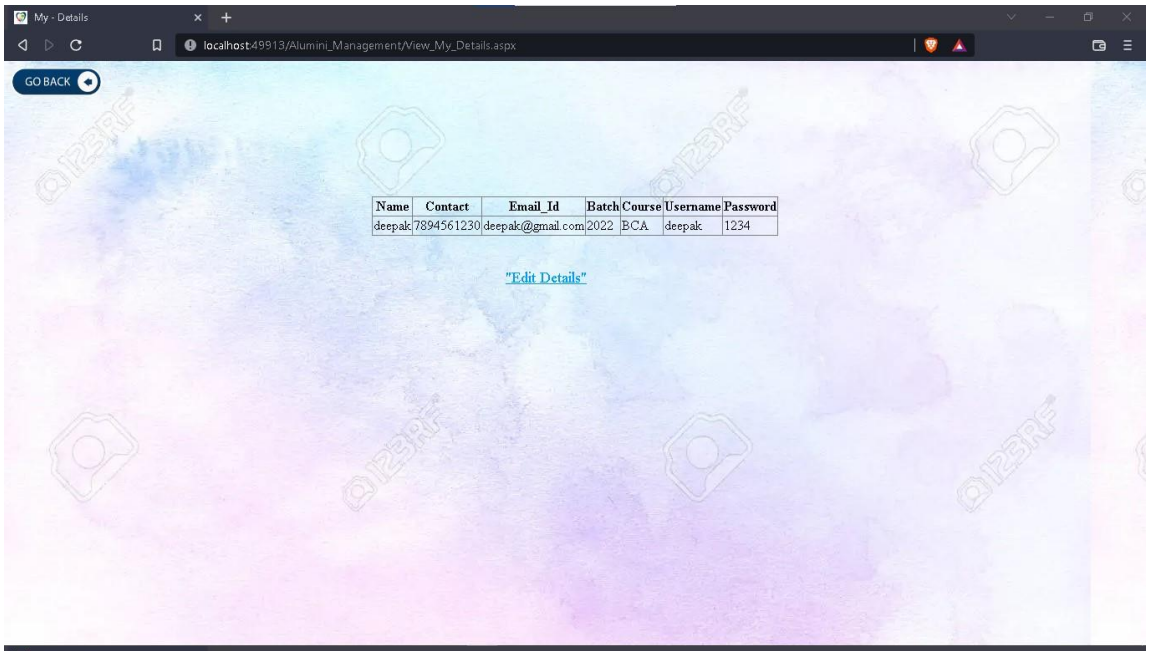

User - Home
localhost:49913/Alumini_Management/User_Homepage.aspx
GO BACK
WELCOME
SEARCH ALUMNI
VIEW AND PARTICIPATE IN ALUMNI MEET
CANECL MY PARTICIPATION
VIEW MY BOOKING HISTORY
VIEW MY PROFILE
SEND QUERIES TO ADMIN
ALL MY QUERIES AND REPLIES

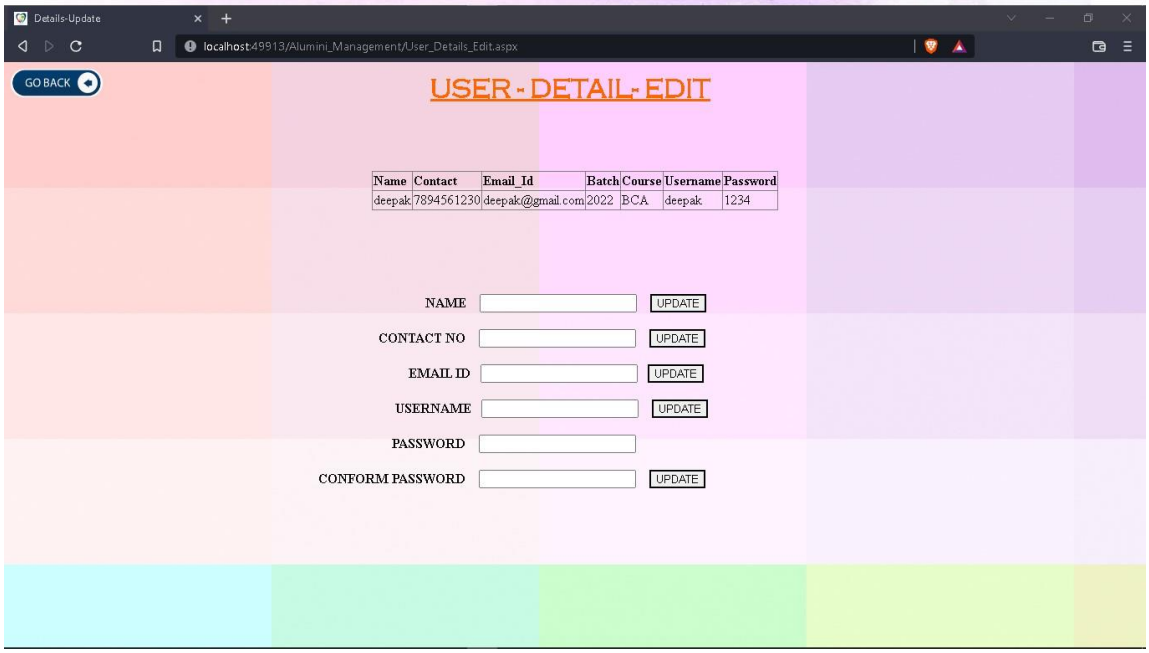

View - Alumini
localhost:49913/Alumini_Management/User_View_Alumini.aspx
GO BACK
Select Year
2022
Select Course
BSc
View Alumni

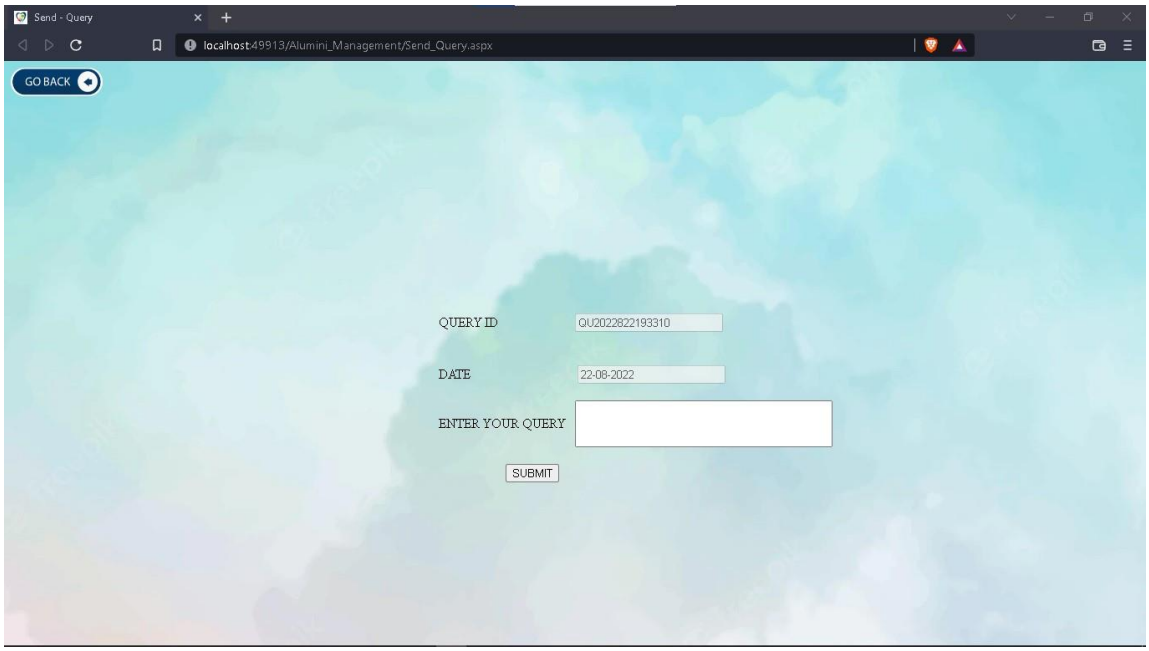

View - Event
localhost:49913/Alumini_Management/Event_View_Participate.aspx
GO BACK
LIST OF EVENTS
Event_ID Event_Name Date_of_Event Address Description Status
Select EA202272817583 College Fest 2022-07-30 Anekal College Fest Active
Select EA2022816145227 food fest 2022-08-14 Bangalore food festival Active
EVENT ID
REGISTER TO PARTICIPATE

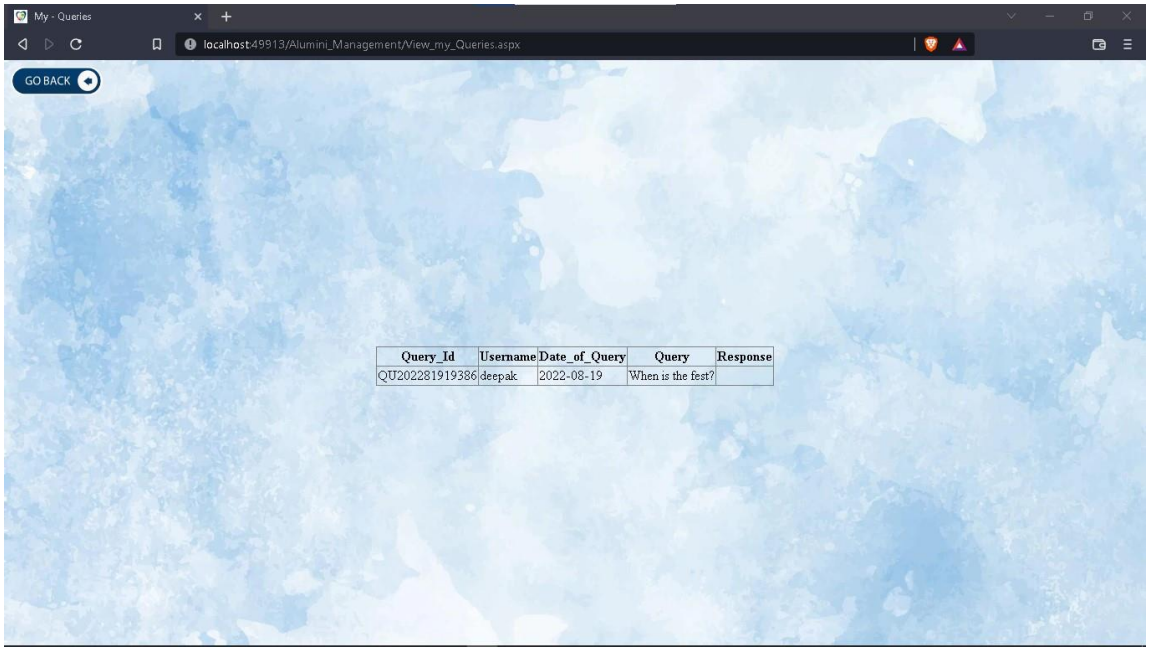

Cancel - Booking
localhost:49913/Alumini_Management/User_Cancel_Booking.aspx
GO BACK
LIST OF EVENTS
Event_ID
Username
Date__of_Booking
Status
Select
EA202272817583
deepak
19-08-2022
Booked
EVENT ID
Cancel My Event Participation


View - Booking
localhost:49913/Alumini_Management/User_View_Booking.aspx
GO BACK
Event_ID
Username
Date__of_Booking
Status
EA202272817583
deepak
19-08-2022
Booked


My - Details
localhost:49913/Alumini_Management/View_My_Details.aspx
GO BACK
Name Contact Email_Id Batch Course Username Password
deepak 7894561230 deepak@gmail.com 2022 BCA deepak 1234
"Edit Details"


Details-Update
localhost:49913/Alumini_Management/User_Details_Edit.aspx
GO BACK
USER - DETAIL - EDIT
Name Contact Email_Id Batch Course Username Password
deepak 7894561230 deepak@gmail.com 2022 BCA deepak 1234
NAME
UPDATE
CONTACT NO
UPDATE
EMAIL ID
UPDATE
USERNAME
UPDATE
PASSWORD
CONFORM PASSWORD
UPDATE


Send - Query
localhost:49913/Alumini_Management/Send_Query.aspx
GO BACK
QUERY ID
QU2022822193310
DATE
22-08-2022
ENTER YOUR QUERY
SUBMIT


My - Queries
localhost:49913/Alumini_Management/View_my_Queries.aspx
GO BACK
Query_Id
Username
Date_of_Query
Query
Response
QU202281919386
deepak
2022-08-19
When is the fest?

CODING

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Welcome : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin.aspx");
    }
    protected void ImageButton2_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Admin_Homepage : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin.aspx");
    }
    protected void Button8_Click(object sender, EventArgs e)
    {
        Response.Redirect("Welcome.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Redirect("Add_Event.aspx");
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
        Response.Redirect("Cancel_Event.aspx");
    }
    protected void Button3_Click(object sender, EventArgs e)
    {
        Response.Redirect("Admin_View_Alumini.aspx");
    }
    protected void Button4_Click(object sender, EventArgs e)
    {
```

```
        Response.Redirect("Admin_View_All_Bookings.aspx");
    }
    protected void Button5_Click(object sender, EventArgs e)
    {
        Response.Redirect("View_All_Users.aspx");
    }
    protected void Button6_Click(object sender, EventArgs e)
    {
        Response.Redirect("Admin_View_Queries.aspx");
    }
    protected void Button7_Click(object sender, EventArgs e)
    {
        Response.Redirect("Admin_Send_Response.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

public partial class Add_Event : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack)
        {
            return;
        }

        TextBox6.Text = "EA" + DateTime.Now.Year.ToString() +
DateTime.Now.Month.ToString() + DateTime.Now.Day.ToString() +
DateTime.Now.Hour.ToString() + DateTime.Now.Minute.ToString() +
DateTime.Now.Second.ToString();
    }

    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
    protected void Button1_Click1(object sender, EventArgs e)
    {
        Label6.Text = "";

        if (TextBox2.Text == "" || TextBox3.Text == "" || TextBox4.Text == "" ||
TextBox5.Text == "")
        {
            Label6.Text = "*All fields mandatory...";
            return;
        }

        String StrQueryInsert;
        StrQueryInsert = "Insert into Event values('" + TextBox6.Text + "','" +
TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" + TextBox5.Text
+ "','Active')";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
```

```
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();

        Label7.Text = "*Added Successfully*";
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class Cancel_Event : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from Event where status='Active'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label4.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label4.Text = "No Record found ....";
            return;
        }
    }
    protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        TextBox1.Text = GridView1.SelectedRow.Cells[1].Text;
    }

    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
    protected void Button1_Click1(object sender, EventArgs e)
    {
        String StrQueryInsert;
        StrQueryInsert = "update Event set status='Cancelled' where Event_ID='" +
TextBox1.Text + "'";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        Response.Redirect("Cancel_Event.aspx");

        Label5.Text = "*Removed Successfully*";
    }
}
```

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

public partial class Admin_View_Alumini : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack)
        {
            return;
        }

        for (int i = DateTime.Now.Year; i >= 2000; i--)
        {
            DropDownList1.Items.Add(i.ToString());
        }
        DropDownList2.Items.Add("BSc");
        DropDownList2.Items.Add("BCom");
        DropDownList2.Items.Add("BCA");
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        String query = "select * from User_Reg where Course='" +
DropDownList2.SelectedValue + "'"+"and Batch='"+ DropDownList1.SelectedValue+"'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label3.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label3.Text = "No records found....";
            return;
        }

    }
}

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

```
public partial class Admin_View_All_Bookings : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {

        String query = "select * from Event where status='Active'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label2.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label2.Text = "No Record found ....";
            return;
        }
    }
    protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        String query = "select * from Event_Booking where Event_ID='" +
GridView1.SelectedRow.Cells[1].Text + "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView2.DataSource = ds;
        GridView2.DataBind();
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class View_All_Users : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from User_Reg";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label1.Text = "";
        if (GridView1.Rows.Count == 0)
```

```
        {
            Label1.Text = "No records found....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class Admin_View_Queries : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from Query";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label1.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label1.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;


public partial class Admin_Send_Response : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

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

```
        if (IsPostBack)
        {
            return;
        }
        String query = "select * from Query where response=''";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label2.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label2.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin_Homepage.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label4.Text = "";
        if (TextBox1.Text == "")
        {
            Label4.Text = "Select any query...";
            return;
        }

        if (TextBox2.Text == "")
        {
            Label4.Text = "Please enter your response...";
            return;
        }

        String StrQueryInsert;
        StrQueryInsert = "update Query set response='" + TextBox2.Text + "' where
Query_ID='" + TextBox1.Text + "'";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        Label5.Text = "*Responded Sucessfully*";
    }
    protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        Label2.Text = GridView1.SelectedRow.Cells[4].Text;
        TextBox1.Text = GridView1.SelectedRow.Cells[1].Text;
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class Welcome : System.Web.UI.Page
{
```

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

    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("Admin.aspx");
    }
    protected void ImageButton2_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User.aspx");
    }
}

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class User_Homepage : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Redirect("User_View_Alumini.aspx");
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
        Response.Redirect("Event_View_Participate.aspx");
    }
    protected void Button3_Click(object sender, EventArgs e)
    {
        Response.Redirect("User_Cancel_Booking.aspx");
    }
    protected void Button4_Click(object sender, EventArgs e)
    {
        Response.Redirect("User_View_Booking.aspx");
    }
    protected void Button5_Click(object sender, EventArgs e)
    {
        Response.Redirect("View_My_Details.aspx");
    }
    protected void Button6_Click(object sender, EventArgs e)
    {
        Response.Redirect("Send_Query.aspx");
    }
    protected void Button7_Click(object sender, EventArgs e)
    {
        Response.Redirect("View_my_Queries.aspx");
    }
    protected void Button8_Click(object sender, EventArgs e)
    {
        Response.Redirect("Welcome.aspx");
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User.aspx");
```

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

public partial class Forgot_Password : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        Panel1.Visible = false;

    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");
       if (TextBox1.Text == "" || TextBox2.Text == "" || TextBox3.Text == "")
       {
           Label4.Text = "*All fields are mandatory...";
           return;
       }

         long result;
        if (!Int64.TryParse(TextBox1.Text, out result))
        {
            Label4.Text = "Mobile No. Enter only digits...";
            return;
        }
        if (TextBox1.Text.Length != 10)
        {
            Label4.Text = "Mobile No. Enter Exactly 10 Digits...";
            return;
        }
         if (check_email(TextBox2.Text) == 0)
        {
            Label4.Text = "*Invalid Email Format";
            return;
        }


        String query = "select * from User_reg where Username='" + TextBox3.Text +
"'and Contact='" + TextBox1.Text + "' and Email_Id='" + TextBox2.Text + "'";
        Conn.Open();

        SqlCommand cmd = new SqlCommand(query, Conn);
        SqlDataReader dr = cmd.ExecuteReader();

         if (dr.HasRows)
        {
            Panel1.Visible = true;
        }
         Conn.Close();
    }
```

```
    protected void  Button2_Click(object sender, EventArgs e)
    {
        SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");
        if (TextBox4.Text == "" || TextBox5.Text == "")
        {
            Label8.Text = "*All fields are mandatory...";
            return;
        }
        if (TextBox4.Text != TextBox5.Text)
        {
            Label8.Text = "Password Entered Doesn't Match...";
            return;
        }

        String query = "update User_reg set Password='" + TextBox4.Text + "'where
Username='" + TextBox3.Text + "'";
        SqlCommand cmd = new SqlCommand(query, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        Label8.Text = "*Sucessfully Updated...*";
    }
        int check_num(String s) // function
        {
        int i = 0;
        long result;

        for (i = 0; i < s.Length; i++)
        {
            if (Int64.TryParse(s[i].ToString(), out result))
            {
                return 1;
            }
        }
        return 0;
        }
            int check_email(String s) // function
    {
        int i = 0, sym1 = 0, sym2 = 0, j = 0;

        for (i = 0; i < s.Length; i++)
        {

            if (s[i].Equals('@'))
            {
                sym1 = 1;
                break;
            }
        }

        for (j = i; j < s.Length; j++)
        {

            if (s[j].Equals('.'))
            {
                sym2 = 1;
                break;
```

```
            }
        }

        if (sym1 == 1 && sym2 == 1)
        {
            return 1;
        }
        return 0;


    }
}

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

public partial class User_View_Alumini : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack)
        {
            return;
        }

        for (int i = DateTime.Now.Year; i >= 2000; i--)
        {
            DropDownList1.Items.Add(i.ToString());
        }

        DropDownList2.Items.Add("BSc");
        DropDownList2.Items.Add("BCom");
        DropDownList2.Items.Add("BCA");
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
    protected void Button2_Click(object sender, EventArgs e)
    {
        String query = "select * from User_Reg where Course='" +
DropDownList2.SelectedValue + "'" + "and Batch='" + DropDownList1.SelectedValue + "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label3.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label3.Text = "No records found....";
            return;
```

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

public partial class Event_View_Participate : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from Event where status='Active'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label2.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label2.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        String StrQueryInsert;
        StrQueryInsert = "Insert into Event_Booking values('" + TextBox1.Text + "','"
+ Session["username"] + "','" + DateTime.Now.ToString("dd/MM/yyyy") + "','Booked')";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        Label3.Text = "*Registered Successfully*";

    }
    protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        TextBox1.Text = GridView1.SelectedRow.Cells[1].Text;
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
```

```
using System.Data;

public partial class User_Cancel_Booking : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from Event_Booking where status='Booked' and
username='" + Session["username"] + "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label2.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label2.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        String StrQueryInsert;
        StrQueryInsert = "update Event_Booking set status='Cancelled' where
Event_ID='" + TextBox1.Text + "'";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        Label3.Text = "*Cancelled Successfully*";

    }
    protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
    {
        TextBox1.Text = GridView1.SelectedRow.Cells[1].Text;
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class User_View_Booking : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

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

```
        String query = "select * from Event_Booking where username='" +
Session["username"] + "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label1.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label1.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class View_My_Details : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

        String query = "select * from user_reg where username='" + Session["username"]
+ "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label1.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label1.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
```

```
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class User_Details_Edit : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

        String query = "select * from user_reg where username='" + Session["username"]
+ "'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label8.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label8.Text = "No Record found ....";
            return;
        }
    }

protected void  ImageButton1_Click(object sender, ImageClickEventArgs e)
{
    Response.Redirect("View_My_Details.aspx");
}
protected void  Button2_Click(object sender, EventArgs e)
{
     long result;
        if (!Int64.TryParse(TextBox2.Text, out result))
        {
            Label8.Text = "*Phone num enter only digits...*";
            return;
        }

        if (TextBox2.Text.Length != 10)
        {
            Label8.Text = "*Phone num enter 10 digits only...*";
            return;
        }
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    String query = "update User_reg set Contact='" + TextBox2.Text + "'where
Username='" + Session["Username"] + "'";

        SqlCommand cmd = new SqlCommand(query, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        TextBox2.Text = "";
        Response.Redirect("User_Details_Edit.aspx");
}
protected void  Button3_Click(object sender, EventArgs e)
```

```
{
    if (check_email(TextBox3.Text) == 0)
        {
            Label8.Text = "*Invalid email format...*";
            return;
        }
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

     String query = "update User_reg set Email_Id='" + TextBox3.Text + "'where
Username='" + Session["Username"] + "'";

        SqlCommand cmd = new SqlCommand(query, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        TextBox3.Text = "";
        Response.Redirect("User_Details_Edit.aspx");
}
protected void  Button4_Click(object sender, EventArgs e)
{
    if (check_uname() == 1)
        {
            Label8.Text = "*Username already exists...*";
            return;
        }
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    String query = "update User_reg set Username='" + TextBox4.Text + "'where
Username='" + Session["Username"] + "'";

        SqlCommand cmd = new SqlCommand(query, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        TextBox4.Text = "";
        Response.Redirect("User_Details_Edit.aspx");
}
protected void  Button5_Click(object sender, EventArgs e)
{
    if (TextBox5.Text != TextBox6.Text)
        {
            Label8.Text = "*Password Entered Doesn't Match...*";
            return;
        }
     SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

     String query = "update User_reg set Password='" + TextBox6.Text + "'where
Username='" + Session["Username"] + "'";

        SqlCommand cmd = new SqlCommand(query, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();
        TextBox6.Text = "";
        Response.Redirect("User_Details_Edit.aspx");
}
int check_email(String s) // function
{
    int i = 0, sym1 = 0, sym2 = 0, j = 0;
```

```
    for (i = 0; i < s.Length; i++)
    {

        if (s[i].Equals('@'))
        {
            sym1 = 1;
            break;
        }
    }

    for (j = i; j < s.Length; j++)
    {

        if (s[j].Equals('.'))
        {
            sym2 = 1;
            break;
        }
    }

    if (sym1 == 1 && sym2 == 1)
    {
        return 1;
    }
    return 0;
}

int check_num(String s) // function
{
    int i = 0;
    long result;

    for (i = 0; i < s.Length; i++)
    {
        if (Int64.TryParse(s[i].ToString(), out result))
        {
            return 1;
        }
    }
    return 0;
}

public int check_uname()
{
    String query = "select * from User_Reg where username='" + TextBox6.Text + "'";
    Conn.Open();

    SqlCommand cmd = new SqlCommand(query, Conn);
    SqlDataReader dr = cmd.ExecuteReader();

    if (dr.HasRows)
    {
        Conn.Close();
        return 1;
    }
    Conn.Close();

    return 0;
}
protected void Button1_Click1(object sender, EventArgs e)
{
```

```
    if (check_num(TextBox1.Text) == 1)
    {
        Label8.Text = "*Name cannot have numbers..*";
        return;
    }
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    String query = "update User_reg set Name='" + TextBox1.Text + "'where Username='"
+ Session["Username"] + "'";

    SqlCommand cmd = new SqlCommand(query, Conn);
    Conn.Open();
    cmd.ExecuteNonQuery();
    Conn.Close();
    TextBox1.Text = "";
    Response.Redirect("User_Details_Edit.aspx");
}

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

public partial class Send_Query : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        if (IsPostBack)
        {
            return;
        }

        TextBox1.Text= "QU" + DateTime.Now.Year.ToString() +
DateTime.Now.Month.ToString() + DateTime.Now.Day.ToString() +
DateTime.Now.Hour.ToString() + DateTime.Now.Minute.ToString() +
DateTime.Now.Second.ToString();
        TextBox2.Text = DateTime.Now.ToString("dd/MM/yyyy");
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label4.Text = "";

        if (TextBox2.Text == "" || TextBox3.Text == "")
        {
            Label4.Text = "*All fields mandatory...";
            return;
        }

        String StrQueryInsert;
        StrQueryInsert = "Insert into Query values('" + TextBox1.Text + "','" +
Session["username"] + "','" + TextBox2.Text + "','" + TextBox3.Text + "','')";
```

```
        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();

        Label5.Text = "*Query Sent..*";
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class View_my_Queries : System.Web.UI.Page
{

    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

    protected void Page_Load(object sender, EventArgs e)
    {
        String query = "select * from Query where username='" + Session["username"] +
"'";
        SqlDataAdapter da = new SqlDataAdapter(query, Conn);
        DataSet ds = new DataSet();
        da.Fill(ds);
        GridView1.DataSource = ds;
        GridView1.DataBind();

        Label1.Text = "";
        if (GridView1.Rows.Count == 0)
        {
            Label1.Text = "No Record found ....";
            return;
        }
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User_Homepage.aspx");
    }
}
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;

public partial class User_Registration : System.Web.UI.Page
{
    SqlConnection Conn = new SqlConnection("data source=.;
database=Alumini_Management; integrated security=SSPI");

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

```
        {
            return;
        }

        DropDownList1.Items.Add("BSc");
        DropDownList1.Items.Add("BCom");
        DropDownList1.Items.Add("BCA");
    }
    protected void ImageButton1_Click(object sender, ImageClickEventArgs e)
    {
        Response.Redirect("User.aspx");
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        Label9.Text = "";

        if (TextBox2.Text == "" || TextBox3.Text == "" || TextBox4.Text == "" ||
TextBox5.Text == "" || TextBox6.Text == "" || TextBox1.Text == "")
        {
            Label9.Text = "*All fields mandatory...";
            return;
        }

        if (check_num(TextBox1.Text) == 1)
        {
            Label9.Text = "*Name cannot have numbers";
            return;
        }

        long result;
        if (!Int64.TryParse(TextBox2.Text, out result))
        {
            Label9.Text = "Phone num enter only digits...";
            return;
        }

        if (TextBox2.Text.Length != 10)
        {
            Label9.Text = "Phone num enter 10 digits only...";
            return;
        }

        if (!Int64.TryParse(TextBox4.Text, out result))
        {
            Label9.Text = "Batch Year should be numeric...";
            return;
        }

        if (TextBox4.Text.Length != 4)
        {
            Label9.Text = "Batch should be 4 digit year...";
            return;
        }

        if (check_email(TextBox3.Text) == 0)
        {
            Label9.Text = "*Invalid email format";
            return;
        }

        if (check_uname() == 1)
        {
```

```
            Label9.Text = "*Username already exists...";
            return;
        }

        String StrQueryInsert;
        StrQueryInsert = "Insert into User_Reg values('" + TextBox1.Text + "','" +
TextBox2.Text + "','" + TextBox3.Text + "','" + TextBox4.Text + "','" +
DropDownList1.SelectedValue + "','" + TextBox5.Text + "','" + TextBox6.Text + "')";

        SqlCommand cmd = new SqlCommand(StrQueryInsert, Conn);
        Conn.Open();
        cmd.ExecuteNonQuery();
        Conn.Close();

        Label10.Text = "*Registered Successfully...*";
    }

    int check_email(String s) // function
    {
        int i = 0, sym1 = 0, sym2 = 0, j = 0;

        for (i = 0; i < s.Length; i++)
        {

            if (s[i].Equals('@'))
            {
                sym1 = 1;
                break;
            }
        }

        for (j = i; j < s.Length; j++)
        {

            if (s[j].Equals('.'))
            {
                sym2 = 1;
                break;
            }
        }

        if (sym1 == 1 && sym2 == 1)
        {
            return 1;
        }
        return 0;
    }

    int check_num(String s) // function
    {
        int i = 0;
        long result;

        for (i = 0; i < s.Length; i++)
        {
            if (Int64.TryParse(s[i].ToString(), out result))
            {
                return 1;
            }
        }
        return 0;
    }
```

```
    public int check_uname()
    {
        String query = "select * from User_Reg where username='" + TextBox6.Text +
"'";
        Conn.Open();

        SqlCommand cmd = new SqlCommand(query, Conn);
        SqlDataReader dr = cmd.ExecuteReader();

        if (dr.HasRows)
        {
            Conn.Close();
            return 1;
        }
        Conn.Close();

        return 0;
    }
}
```

9. SYSTEM TESTING

Software testing is more than just error detection; testing software is operating the software under controlled conditions, to (1) verify that it behaves "as specified"; (2) to detect errors and (3) to validate that what has been specified is what the user actually wanted.

1. VERIFICATION

Verification is the checking or testing of items, including software, for conformance and consistency by evaluating the results against pre-specified requirements.

2. ERROR DETECTION

Error detection is testing should intentionally attempt to make things go wrong to determine if things happen when they should intentionally attempt to make things go wrong to determine if things happen when they shouldn't or things don't happen when they should.

3. VALIDATION

Validation looks at the system correctness i.e. the process of checking that what has been specified is what the user actually wanted.

In other words, validation checks to see if we are building what the customer wants /needs and verification checks to see if we are building that system correctly. Both verification and validation are necessary, but different components of any testing activity.

9.1. WHY TESTING CANNOT ENSURE QUALITY?

Testing in itself cannot ensure the quality of software. All testing can do is give you a certain level of assurance in the software. On its own, the only thing that testing proves is that under specific controlled conditions, the software functioned as expected by the test cases executed.

9.2. WHAT IS SOFTWARE "QUALITY"?

Quality software is reasonably bug- free, delivered on time and within budget, meets requirements and/or expectations and is maintainable.

However, quality is a subjective term. It will depend on who the 'customer' is and their overall influence in the scheme of things. A wide-angle view of the customer of a development project might include end-users, customer acceptance testers, customers contract officers, customer management, the development organization's management/ accountant/ testers/ salespeople, future software maintenance engineers, stockholders, magazine reviewers, etc. each type of 'customer' will have their own view on 'quality' the accounting department might define in terms of profits while an end-user might define quality as user-friendly and bug free.

9.3. WHAT IS "QUALITY ASSURANCE"?

"Quality assurance" means the quality of process used to create a quality product. Software quality Assurance ('SQA' or 'QA') is the process of monitoring and approving all activities associated with software development, from requirements gathering, design and reviews to coding, testing and implementation.

It involves the entire software development process-monitoring and improving the process, making sure that any agreed – upon standards and procedures are followed, and ensuring that problems are found and dealt with, at the earliest possible stage. Unlike testing, which is mainly a 'detection' process, QA is 'preventive' in that it aims to ensure quality in the methods & processes and therefore reduce the prevalence of errors in the software.

9.4. QUALITY ASSURANCE AND SOFTWARE DEVELOPMENT

Quality assurance and development of a product are parallel activities. Complete QA includes views of the development methods and standards, reviews of all the documentation. Overall quality Assurance process also includes code validation.

A NOTE ABOUT QUALITY ASSURANCE:

The role of quality assurance is a superset of testing. Its mission is to help minimize the risk of the project failure. QA people aim to understand the cause of project failure and help the team prevent, detect and correct the problems. Often test teams are referred to as QA teams, perhaps acknowledging that testers should consider border QA issues as well as testing.

9.5. TESTING

The code is tested at various levels in software testing. Unit, system and user acceptance testing are often performed. This is a grey area as many different opinion exist as to what the stages of testing are and how much, if any iteration occurs. Iteration is to generally part of the waterfall model, but usually some occurs at this stage. In the testing the whole system is test one by one.

FOLLOWING ARE THE TYPES OF TESTING

- Unit testing > Black-box testing
- Module testing > White-box testing
- System testing > Acceptance testing

10. CONCLUSION

10.1. CONCLUSION

Thus the project on **"Alumni Management"** was completed with front end as asp.net and back end as Microsoft SQL Server 2008 successfully. The main purpose of this project is to simplify the user's task by providing a user friendly package with menu driven programs. Hence the admin can access, manipulate and update the data according to his needs.

The project which we have developed is very convenient to use any user. Our project has all the features to facilitate the major operation is of manipulating records. Security has been provided to the authorized person. Here admin have full rights to modify all details in the project.

10.2. FURTHER ENHANCMENTS

The application developed is designed in such a way that any further enhancement can be done easily. It is a simple web based application integrating all the activities carried out in a college. The system has the capability for easy integration with other systems. It can be further enhanced by adding some other services etc. and reduces the burden of the administrator.