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System Concept

System Concept:

In These app for Booking of Train and Bus Travel. Customers can check the booking status, track it and cancel the booking. Customers can get in touch directly with officers who can resolve their queries. Multiple role structure along with restrictions where admins can see the database. Customers can also send the problems using 'Contact Us' Form. It Is Very Use full and simple application for every user.

System Analysis

1. We can Reserve Train or Bus tickets.
2. We can Do rebook or cancel tickets.
3. We have to search tickets by name.
4. We can also do Complete to Ticket Master for booking related Queries.

Hardware Requirements

1. Intel processor core 2 Duo(2.53 GHz).
2. 40 GB hard disk
3. 1 GB RAM.
4. All types of monitors are used.
5. Keyboard
6. Mouse.

Software Requirements

1. windows XP or 7 Operating System
2. Visual Studio 2009
3. Chrome Browser

Code For Application

Program.cs

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    internal static class Program
    {
        static void Main()
        {
            Application.EnableVisualStyles();
 Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new AddPass());
        }
    }
        }
```

AdminPass.cs

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
```

```
namespace TrainTickitsReservationSystem
{
    public partial class AddPass : Form
    {
        public AddPass()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            try
            {
                Login lg = new Login();
                lg.Show();

                this.Hide();
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            try
            {
                AdminLogin adml = new AdminLogin();
                adml.Show();
                this.Hide();
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
    }
}
```

Login.cs

```
using MySql.Data.MySqlClient;
using System;
using System.Data;
using System.Windows.Forms;
using static System.Net.Mime.MediaTypeNames;
using Application = System.Windows.Forms.Application;
```

```
namespace TrainTickitsReservationSystem
{
    public partial class Login : Form
    {

        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";
        public Login()
        {
            InitializeComponent();
        }

        private void pictureBox1_Click(object sender, EventArgs e)
        {
            DialogResult iExit;
            try
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
                {
                    Application.Exit();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        // This MEthod Is USed For Login To Authorized User......we take count for Filter rows
        private void button1_Click(object sender, EventArgs e)
        {
            con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
            try
            {
                // open the connection string
                con.Open();
                MySqlDataAdapter sda = new MySqlDataAdapter("SELECT COUNT(*) from passenger_signup where
pEmail='" + textBox1.Text + "' and pPassword='" + textBox2.Text + "'", con);
                sda.Fill(sqlDt);
                if (sqlDt.Rows[0][0].ToString() == "1")
                {
                    MessageBox.Show("Login Successfully!!!");
                    BusTrain bt = new BusTrain();
                    bt.Show();
                }
```

```
              else
              {
                 MessageBox.Show("Your Login Email or Password is incorrect !..");

                 con.Close();
                 button1.Focus();
              }
              //con.Close();

           }
           catch (Exception ex)
           {
              MessageBox.Show(ex.Message);
              //button1.Focus();
           }
           //con.Close();
        }

        private void textBox1_TextChanged(object sender, EventArgs e)
        {

        }

        private void linkLabel1_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
        {
           try
           {
              newUser nu = new newUser();
              nu.Show();
              this.Hide();
           }
           catch (Exception ex)
           {
              MessageBox.Show(ex.Message);
           }
        }

        private void linkLabel2_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
        {
           try
           {
              ContactUs cu = new ContactUs();
              cu.Show();
              this.Hide();
           }
           catch (Exception ex)
           {
              MessageBox.Show(ex.Message);
           }
        }

        private void button2_Click(object sender, EventArgs e)
        {
           try
           {
              AddPass ap = new AddPass();
              ap.Show();
              this.Hide();
           }
           catch (Exception ex)
```

```
            {
                MessageBox.Show(ex.Message);
            }
        }
    }
}
```

NewUser.cs

```csharp
using MySql.Data.MySqlClient;
using System;
using System.Data;
using System.Windows.Forms;
using static System.Windows.Forms.VisualStyles.VisualStyleElement;

namespace TrainTickitsReservationSystem
{
    public partial class newUser : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";


        public newUser()
        {
            InitializeComponent();
        }


        // for Exit
        private void pictureBox1_Click(object sender, EventArgs e)
        {
            DialogResult iExit;
            try
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
                {
                    Application.Exit();
```

```
                }
            }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }

    // This Data Is Used For Go on Back Page
    private void button3_Click(object sender, EventArgs e)
    {
        DialogResult iBack;
        try
        {
            iBack = MessageBox.Show("confirm If You want to Go Back...Data Not Saved", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iBack == DialogResult.Yes)
            {
                Login ln = new Login();
                ln.Show();
                this.Hide();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }

    // This method is Use For creating Acc For Login And Add USER in Data Base
    private void button1_Click(object sender, EventArgs e)
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
            con.Open();
            string insertQuery = "insert into passenger_signup(pId,pFirstName,pLastName,pEmail,pContact,pCity,pPassword)
values ('" + textBox1.Text+"','" + textBox2.Text+"', '" +textBox3.Text+"', '" + textBox5.Text+"', '" + textBox4.Text+"','" +
textBox6.Text+"', '" + textBox8.Text+"')";
            sqlcmd = new MySqlCommand(insertQuery, con);
            sqlrd = sqlcmd.ExecuteReader();

            con.Close();
        }
        catch (Exception ex)
        {
            MessageBox.Show("please Give information At Requried Field");
        }
        if (textBox8.Text == textBox7.Text)
        {

            if (textBox8.Text !=  string.Empty && textBox7.Text != string.Empty)
            {
                MessageBox.Show("User Registered Successfully\n\nYour USER NAME = " + textBox5.Text + "\nPassword =
"+ textBox8.Text);
                Login ln = new Login();
                ln.Show();
                this.Hide();
            }
            else
            {
                MessageBox.Show("Please Enter Password");
```

```
            }
        }
        else
        {
            MessageBox.Show("Password Does Not Match ");
        }

        textBox1.Text = "";
        textBox2.Text = "";
        textBox3.Text = "";
        textBox4.Text = "";
        textBox5.Text = "";
        textBox6.Text = "";
        textBox7.Text = "";
        textBox8.Text = "";
        textBox1.Focus();
    }

    private int RandomNumber(int v1, int v2)
    {
        throw new NotImplementedException();
    }


    // This Method Is for Clear a TextBoxes
    private void button2_Click(object sender, EventArgs e)
    {
        try
        {
            textBox1.Text = "";
            textBox2.Text = "";
            textBox3.Text = "";
            textBox4.Text = "";
            textBox5.Text = "";
            textBox6.Text = "";
            textBox7.Text = "";
            textBox8.Text = "";

        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }

    }
  }
}
```

ContactUs.cs

```csharp
using MySql.Data.MySqlClient;
using System;
using System.Data;
using System.Windows.Forms;
using static System.Windows.Forms.VisualStyles.VisualStyleElement;

namespace TrainTickitsReservationSystem
{
    public partial class ContactUs : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";
        public ContactUs()
        {
            InitializeComponent();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            DialogResult iBack;

            try
            {
                iBack = MessageBox.Show("You Are LogOut If You Will Back", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iBack == DialogResult.Yes)
                {
                    Login ln = new Login();
                    ln.Show();
                    this.Hide();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        private void pictureBox1_Click(object sender, EventArgs e)
        {
            DialogResult iExit;

            try
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
```

```
              {
                 Application.Exit();
              }
          }
        catch (Exception ex)
        {
          MessageBox.Show(ex.Message);
        }
      }

      private void button1_Click(object sender, EventArgs e)
      {

        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;


        try
        {
          con.Open();

          string prblm = "";
          if (radioButton1.Checked == true)
          {
            prblm = "Login";
          }
          else if (radioButton2.Checked == true)
          {
            prblm = "Bus";
          }
          else if (radioButton3.Checked == true)
          {
            prblm = "Sign Up";
          }
          else if (radioButton4.Checked == true)
          {
            prblm = "Train";
          }
          else if (radioButton5.Checked == true)
          {
            prblm = "Other";
          }


          string insertQuery = "insert into ContactUs(FirstName, LastName, Email, Contact, About, Issu) values ('" +
textBox1.Text + "','" + textBox2.Text + "', '" + textBox3.Text + "', '" + textBox4.Text + "', '" + prblm + "','" + textBox5.Text +
"')";

          sqlcmd = new MySqlCommand(insertQuery, con);
          sqlrd = sqlcmd.ExecuteReader();
          MessageBox.Show("Your Successufully Submitted Compliant");


          textBox1.Text = "";
          textBox2.Text = "";
          textBox3.Text = "";
          textBox4.Text = "";
          textBox5.Text = "";
          radioButton1.Checked = false;
          radioButton2.Checked = false;
          radioButton3.Checked = false;
          radioButton4.Checked = false;
          radioButton5.Checked = false;
```

```
                        textBox1.Focus();


                        con.Close();
                    }
                    catch (Exception ex)
                    {
                        MessageBox.Show("Somthing Wrong Please Login again And give compliant");
                    }
                }

            private void button2_Click(object sender, EventArgs e)
            {
                try
                {
                    textBox1.Text = "";
                    textBox2.Text = "";
                    textBox3.Text = "";
                    textBox4.Text = "";
                    textBox5.Text = "";
                    radioButton1.Checked = false;
                    radioButton2.Checked = false;
                    radioButton3.Checked = false;
                    radioButton4.Checked = false;
                    radioButton5.Checked = false;
                    textBox1.Focus();
                }
                catch (Exception ex)
                {
                    MessageBox.Show(ex.Message);


                }
            }
        }
}
```

BusTrainHome.cs

```
using System;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    public partial class BusTrain : Form
    {
        public BusTrain()
        {
            InitializeComponent();
        }


        // Gose For booking For Train
```

```csharp
        private void button2_Click(object sender, EventArgs e)
        {
          try
          {
            home hm = new home();
            hm.Show();
            this.Hide();
          }
          catch (Exception ex)
          {
            MessageBox.Show(ex.Message);
          }
        }

        private void pictureBox3_Click(object sender, EventArgs e)
        {
          DialogResult iExit;
          try
          {
            iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
              MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iExit == DialogResult.Yes)
            {
              Application.Exit();
            }
          }
          catch (Exception ex)
          {
            MessageBox.Show(ex.Message);
          }
        }

        private void button3_Click(object sender, EventArgs e)
        {

          DialogResult iBack;
          try
          {
            iBack = MessageBox.Show("confirm If You want to Log Out From These Account", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iBack == DialogResult.Yes)
            {
              Login lg = new Login();
              lg.Show();
              this.Hide();
            }
          }
          catch (Exception ex)
          {
            MessageBox.Show(ex.Message);
          }
        }


        // Gose On Booking For Bus
        private void button1_Click(object sender, EventArgs e)
        {
          try
          {
            BusHome ch = new BusHome();
            ch.Show();
            this.Hide();
          }
        }
```

```
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }


    }
}
```

TrainHome.cs

```
using System;
using System.Windows.Forms;
using static System.Net.Mime.MediaTypeNames;
using Application = System.Windows.Forms.Application;

namespace TrainTickitsReservationSystem
{
    public partial class home : Form
    {
        public home()
        {
            InitializeComponent();
        }

        private void pictureBox2_Click(object sender, EventArgs e)
        {
            //Application.Exit();
            DialogResult iExit;

            try
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
                {
                    Application.Exit();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        private void label1_Click(object sender, EventArgs e)
        {
            try
            {
                pan2 bt = new pan2();
                bt.Show();
                this.Hide();
            }
            catch (Exception ex)
            {
```

```
                MessageBox.Show(ex.Message);
            }
        }


    private void button1_Click(object sender, EventArgs e)
    {
        DialogResult iBack;
        try
        {
            iBack = MessageBox.Show("confirm If You want to Go Back...Data Not Saved", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iBack == DialogResult.Yes)
            {
                BusTrain bt = new BusTrain();
                bt.Show();
                this.Hide();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }
  }
}
```

BusHome.cs

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    public partial class BusHome : Form
    {
        public BusHome()
        {
            InitializeComponent();
        }

        private void button4_Click(object sender, EventArgs e)
        {
            try
            {
                bokkingBus ch = new bokkingBus();
                ch.Show();
```

```
                this.Hide();
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
        private void pictureBox2_Click(object sender, EventArgs e)
        {
            DialogResult iExit;

            try
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
                {
                    Application.Exit();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
        private void button1_Click(object sender, EventArgs e)
        {
            DialogResult iBack;

            try
            {
                iBack = MessageBox.Show("confirm If You want to Go Back...Data Not Saved", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iBack == DialogResult.Yes)
                {
                    BusTrain hm = new BusTrain();
                    hm.Show();
                    this.Hide();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
}
```

BookingTrain.cs

```
using MySql.Data.MySqlClient;
using System;
using System.Data;
using System.Data.SqlClient;
using System.Windows.Forms;
using static System.Windows.Forms.VisualStyles.VisualStyleElement;
using ToolTip = System.Windows.Forms.ToolTip;

namespace TrainTickitsReservationSystem
```

```
{
  public partial class pan2 : Form
  {
    MySqlConnection con = new MySqlConnection();
    MySqlCommand sqlcmd = new MySqlCommand();
    DataTable sqlDt = new DataTable();
    MySqlDataAdapter dta = new MySqlDataAdapter();
    MySqlDataReader sqlrd;

    DataSet ds = new DataSet();

    String server = "localhost";
    String username = "root";
    String pass = "1825";
    String db = "TrainReservationSystem";

    public pan2()
    {
      InitializeComponent();
    }

    //con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;

    private void upload()
    {
      con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
      con.Open();
      sqlcmd.Connection = con;
      sqlcmd.CommandText = "SELECT * from ReservtionDetails";

      sqlrd = sqlcmd.ExecuteReader();
      sqlDt.Load(sqlrd);
      sqlrd.Close();
      con.Close();
      dataGridView1.DataSource = sqlDt;

    }
    public int RandomNumber(int min, int max)
    {
      Random random = new Random();
      return random.Next(min, max);
    }



    private void delete()
    {
      DialogResult iDel;
      try
      {
        iDel = MessageBox.Show("Confirm You Want To Cancle Your Booking", "MySql Connector",
          MessageBoxButtons.YesNo, MessageBoxIcon.Question);
        if (iDel == DialogResult.Yes)
        {
          con.Open();
          string id = textBox5.Text;
          MySqlCommand cmd = new MySqlCommand("delete from ReservtionDetails where PNR=@a", con);
```

```
            cmd.Parameters.AddWithValue("@a", id);
            cmd.ExecuteNonQuery();
            con.Close();
            MessageBox.Show("Your Succefully Deleted Your Train Booking \n With PNR No : " + id);


        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }


    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    comboBox1.Text = "";
    radioButton1.Checked = false;
    radioButton2.Checked = false;
    comboBox2.Text = "";
    comboBox3.Text = "";
    dateTimePicker1.Text = "";
    textBox5.Text = "";
    textBox1.Focus();
    upload();
}

private void booking_Load(object sender, EventArgs e)
{
    upload();
}

private void button3_Click(object sender, EventArgs e)
{

    DialogResult iBack;

    try
    {
        iBack = MessageBox.Show("confirm If You want to Go Back...Data Not Saved", "MySql Connector",
            MessageBoxButtons.YesNo, MessageBoxIcon.Question);
        if (iBack == DialogResult.Yes)
        {
            home hm = new home();
            hm.Show();
            this.Hide();
        }
    }
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}

private void pictureBox1_Click(object sender, EventArgs e)
{
    DialogResult iExit;

    try
```

```csharp
            {
                iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                    MessageBoxButtons.YesNo, MessageBoxIcon.Question);
                if (iExit == DialogResult.Yes)
                {
                    Application.Exit();
                }
            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            try
            {
                textBox1.Text = "";
                textBox2.Text = "";
                textBox3.Text = "";
                textBox4.Text = "";
                comboBox1.Text = "";
                radioButton1.Checked = false;
                radioButton2.Checked = false;
                comboBox2.Text = "";
                comboBox3.Text = "";
                dateTimePicker1.Text = "";
                textBox5.Text = "";
                textBox1.Focus();


            }
            catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }

        private void label7_Click(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
            con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
            try
            {
                string seatType = "";
                if (radioButton1.Checked == true)
                {
                    seatType = "Genral";
                }
                else if (radioButton2.Checked == true)
                {
                    seatType = "Ac";
                }
```

```csharp
            con.Open();
            int ticketNo = RandomNumber(1, 10000);
            string insertQuery = "INSERT INTO ReservtionDetails(PNR, FirstName, LastName, Mobile, Address,
Gender, class, Boarding, Destination, Journey_Date) VALUES ('" + ticketNo + "','" + textBox1.Text + "','" +
textBox2.Text + "','" + textBox3.Text + "','" + textBox4.Text + "','" + comboBox1.Text + "','" + seatType + "','" +
comboBox2.Text + "','" + comboBox3.Text + "','" + dateTimePicker1.Text + "')";
            sqlcmd = new MySqlCommand(insertQuery, con);
            sqlrd = sqlcmd.ExecuteReader();

            con.Close();

            MessageBox.Show("Your Ticket No is : " + ticketNo + "\nPassenger Name : " + textBox1.Text +
textBox2.Text + "\nPassenger Mobile No  : " + textBox3.Text + "\nPassenger Address : " + textBox4.Text +
"\nPassenger Gender : " + comboBox1.Text + "\nPassenger Class : " + seatType + "\nPassenger Boarding : " +
comboBox2.Text + "\nPassenger Destination : " + comboBox3.Text + "\nPassenger Journey_Date : " +
dateTimePicker1.Text );

            //MessageBox.Show("You Reserverd Your Trains Successfully!!! \n Your PNR no Is : " + ticketNo);

            //upload();

        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
        finally
        {
            con.Close();
        }
        textBox1.Text = "";
        textBox2.Text = "";
        textBox3.Text = "";
        textBox4.Text = "";
        comboBox1.Text = "";
        radioButton1.Checked = false;
        radioButton2.Checked = false;
        comboBox2.Text = "";
        comboBox3.Text = "";
        dateTimePicker1.Text = "";
        textBox5.Text = "";
        textBox1.Focus();

    }

    private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
    {
    con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
            DataView dv = sqlDt.DefaultView;
            dv.RowFilter = String.Format("Firstname like'%{0}%'", textBox5.Text);
            dataGridView1.DataSource = dv.ToTable();
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
```

```csharp
        }

    private void button5_Click(object sender, EventArgs e)
    {
       delete();

       con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
       con.Open();
       sqlcmd.Connection = con;
       sqlcmd.CommandText = "SELECT * from ReservtionDetails";

       sqlrd = sqlcmd.ExecuteReader();
       sqlDt.Load(sqlrd);
       sqlrd.Close();
       con.Close();
       dataGridView1.DataSource = sqlDt;
    }

    private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
    {
      try
      {
         textBox5.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
         textBox1.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
         textBox2.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
         textBox3.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
         textBox4.Text = dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
         comboBox1.Text = dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
         //radioButton1.Text= dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
         comboBox2.Text = dataGridView1.SelectedRows[0].Cells[7].Value.ToString();
         comboBox3.Text = dataGridView1.SelectedRows[0].Cells[8].Value.ToString();
         dateTimePicker1.Text = dataGridView1.SelectedRows[0].Cells[9].Value.ToString();
      }
      catch (Exception ex)
      {
         MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
      }
    }

    ToolTip t1 = new ToolTip();
    private void button5_MouseHover(object sender, EventArgs e)
    {
       //MessageBox.Show("To Delete Your Booking Enter PNR no in Search Box");
       t1.Show("To Delete Your Booking Enter PNR NO in Search Box",button5);
    }

    private void button2_MouseHover(object sender, EventArgs e)
    {
       t1.Show("Click TO RESET FORM", button2);
    }

    private void button1_MouseHover(object sender, EventArgs e)
    {
       t1.Show("Confirm Your BOOK", button1);
    }

  }
}
```

BookingBus.cs

```csharp
using MySql.Data.MySqlClient;
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using static System.Net.Mime.MediaTypeNames;
using Application = System.Windows.Forms.Application;

namespace TrainTickitsReservationSystem
{
    public partial class bokkingBus : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";
        public bokkingBus()
        {
            InitializeComponent();
        }

        private void upload()
        {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
            con.Open();
            sqlcmd.Connection = con;
            sqlcmd.CommandText = "SELECT * from BusReservtionDetails";

            sqlrd = sqlcmd.ExecuteReader();
            sqlDt.Load(sqlrd);
            sqlrd.Close();
            con.Close();
            dataGridView1.DataSource = sqlDt;
```

```
        }
    public int RandomNumber(int min, int max)
    {
        Random random = new Random();
        return random.Next(min, max);
    }

    private void delete()
    {
        DialogResult iDel;
        try
        {
            iDel = MessageBox.Show("Confirm You Want To Cancle Your Booking", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iDel == DialogResult.Yes)
            {
                con.Open();
                string id = textBox5.Text;
                MySqlCommand cmd = new MySqlCommand("delete from BusReservtionDetails where Ticket_No=@a",
con);
                cmd.Parameters.AddWithValue("@a", id);
                cmd.ExecuteNonQuery();

                con.Close();
                MessageBox.Show("You are Succefully Deleted Your Bus Booking \n With Ticekts No : " + id);
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }


        textBox1.Text = "";
        textBox2.Text = "";
        textBox3.Text = "";
        textBox4.Text = "";
        comboBox1.Text = "";
        radioButton1.Checked = false;
        radioButton2.Checked = false;
        comboBox2.Text = "";
        comboBox3.Text = "";
        dateTimePicker1.Text = "";
        textBox5.Text = "";
        textBox1.Focus();

        upload();
    }

    private void pictureBox1_Click(object sender, EventArgs e)
    {
        DialogResult iExit;

        try
        {
            iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iExit == DialogResult.Yes)
            {
```

```
                Application.Exit();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void button3_Click_1(object sender, EventArgs e)
    {
        DialogResult iBack;

        try
        {
            iBack = MessageBox.Show("confirm If You want to Go Back...", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iBack == DialogResult.Yes)
            {
                BusHome hm = new BusHome();
                hm.Show();
                this.Hide();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void button1_Click_1(object sender, EventArgs e)
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
            string seatType = "";
            if (radioButton1.Checked == true)
            {
                seatType = "Non-AC";
            }
            else if (radioButton2.Checked == true)
            {
                seatType = "Ac";
            }

            con.Open();
            int ticketNo = RandomNumber(1, 10000);
            string insertQuery = "INSERT INTO BusReservtionDetails(Ticket_No, FirstName, LastName, Mobile,
Address, Gender, class, Boarding, Destination, Journey_Date) VALUES ('" + ticketNo + "','" + textBox1.Text + "','" +
textBox2.Text + "','" + textBox3.Text + "','" + textBox4.Text + "','" + comboBox1.Text + "','" + seatType + "','" +
comboBox2.Text + "','" + comboBox3.Text + "','" + dateTimePicker1.Text + "')";

            sqlcmd = new MySqlCommand(insertQuery, con);
            sqlrd = sqlcmd.ExecuteReader();

            con.Close();

            MessageBox.Show("You Reserverd Your Trains Successfully!!! \n Your Ticket No is : "+ticketNo);
```

```csharp
            upload();

        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
        finally
        {
            con.Close();
        }
        textBox1.Text = "";
        textBox2.Text = "";
        textBox3.Text = "";
        textBox4.Text = "";
        comboBox1.Text = "";
        radioButton1.Checked = false;
        radioButton2.Checked = false;
        comboBox2.Text = "";
        comboBox3.Text = "";
        dateTimePicker1.Text = "";
        textBox5.Text = "";
        textBox1.Focus();
    }

    private void button2_Click(object sender, EventArgs e)
    {
        try
        {
            textBox1.Text = "";
            textBox2.Text = "";
            textBox3.Text = "";
            textBox4.Text = "";
            comboBox1.Text = "";
            radioButton1.Checked = false;
            radioButton2.Checked = false;
            comboBox2.Text = "";
            comboBox3.Text = "";
            dateTimePicker1.Text = "";
            textBox5.Text = "";
            textBox1.Focus();


        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void button5_Click(object sender, EventArgs e)
    {
        delete();

        //upload();

    }

    private void dataGridView1_CellClick(object sender, DataGridViewCellEventArgs e)
    {
```

```
        try
        {
          textBox5.Text = dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
          textBox1.Text = dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
          textBox2.Text = dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
          textBox3.Text = dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
          textBox4.Text = dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
          comboBox1.Text = dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
          //radioButton1.Text= dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
          comboBox2.Text = dataGridView1.SelectedRows[0].Cells[7].Value.ToString();
          comboBox3.Text = dataGridView1.SelectedRows[0].Cells[8].Value.ToString();
          dateTimePicker1.Text = dataGridView1.SelectedRows[0].Cells[9].Value.ToString();
        }
        catch (Exception ex)
        {
          MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
          DataView dv = sqlDt.DefaultView;
          dv.RowFilter = String.Format("Firstname like'%{0}%'", textBox5.Text);
          dataGridView1.DataSource = dv.ToTable();
        }
        catch (Exception ex)
        {
          MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    ToolTip t1 = new ToolTip();
    private void button5_MouseHover(object sender, EventArgs e)
    {
      t1.Show("To Delete Your Booking Enter TICKET NO in Search Box", button5);
    }

    private void button2_MouseHover(object sender, EventArgs e)
    {
      t1.Show("Click TO RESET FORM", button2);
    }

    private void button1_MouseHover(object sender, EventArgs e)
    {
      t1.Show("Confirm Your BOOK", button1);
    }


    private void bokkingBus_Load(object sender, EventArgs e)
    {
      upload();
    }
}

  }
}
```

AdminLogin.cs

```csharp
using MySql.Data.MySqlClient;
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    public partial class AdminLogin : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";
        public AdminLogin()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
            try
            {
                // open the connection string
                con.Open();
                MySqlDataAdapter sda = new MySqlDataAdapter("SELECT COUNT(*) from AdminLogin where phone='" +
textBox1.Text + "' and password='" + textBox2.Text + "'", con);
                sda.Fill(sqlDt);
                if (sqlDt.Rows[0][0].ToString() == "1")
                {
                    MessageBox.Show("Login Successfully!!!");
                    AdminHome admh = new AdminHome();
                    admh.Show();
                    this.Hide();
                }
                else
                {
                    MessageBox.Show("Your Login Email or Password is incorrect !..");
```

```csharp
                con.Close();
                button1.Focus();
            }


        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void pictureBox1_Click(object sender, EventArgs e)
    {
        DialogResult iExit;
        try
        {
            iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iExit == DialogResult.Yes)
            {
                Application.Exit();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }
    private void button2_Click(object sender, EventArgs e)
    {
        try
        {
            AddPass ap = new AddPass();
            ap.Show();
            this.Hide();
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }
}
```

AdminHome.cs

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;

using System.Data;
using System.Data.SqlTypes;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
```

```
using static System.Windows.Forms.VisualStyles.VisualStyleElement.StartPanel;
using System.Windows.Forms.DataVisualization.Charting;
using MySql.Data.MySqlClient;
using static System.Windows.Forms.VisualStyles.VisualStyleElement;


namespace TrainTickitsReservationSystem
{
   public partial class AdminHome : Form
   {

      MySqlConnection con = new MySqlConnection();
      MySqlCommand sqlcmd = new MySqlCommand();
      DataTable sqlDt = new DataTable();

      String sqlQuery;
      MySqlDataAdapter dta = new MySqlDataAdapter();
      MySqlDataReader sqlrd;

      DataSet ds = new DataSet();

      String server = "localhost";
      String username = "root";
      String pass = "1825";
      String db = "TrainReservationSystem";

      public AdminHome()
      {
         InitializeComponent();
      }


      private void upload()
      {
         con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
         con.Open();
         sqlcmd.Connection = con;
         sqlcmd.CommandText = "SELECT * from ContactUs";

         sqlrd = sqlcmd.ExecuteReader();
         sqlDt.Load(sqlrd);
         sqlrd.Close();
         con.Close();
         dataGridView1.DataSource = sqlDt;
      }

      private void button2_Click(object sender, EventArgs e)
      {
         try
         {
            AdminLogin adml = new AdminLogin();
            adml.Show();
            this.Hide();
         }
         catch (Exception ex)
         {
            MessageBox.Show(ex.Message);
         }
      }

      private void AdminHome_Load(object sender, EventArgs e)
      {
```

```
            upload();
        }


    private void pictureBox1_Click(object sender, EventArgs e)
    {
        DialogResult iExit;
        try
        {
            iExit = MessageBox.Show("Confirm If You want to Exit", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iExit == DialogResult.Yes)
            {
                Application.Exit();
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void trainDataToolStripMenuItem_Click(object sender, EventArgs e)
    {
        try
        {
            AdminTrain adtr = new AdminTrain();
            adtr.Show();
            this.Hide();
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }

    private void busDataToolStripMenuItem_Click(object sender, EventArgs e)
    {
        try
        {
            AdminBus adbs = new AdminBus();
            adbs.Show();
            this.Hide();
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }
    }

    private void button2_Click_1(object sender, EventArgs e)
    {
        DialogResult iBack;
        try
        {
            iBack = MessageBox.Show("confirm If You want to Log Out From These Account", "MySql Connector",
                MessageBoxButtons.YesNo, MessageBoxIcon.Question);
            if (iBack == DialogResult.Yes)
            {
                AdminLogin adlg = new AdminLogin();
                adlg.Show();
                this.Hide();
            }
```

```
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }

    private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
            DataView dv = sqlDt.DefaultView;
            dv.RowFilter = String.Format("Firstname like'%{0}%'", textBox5.Text);
            dataGridView1.DataSource = dv.ToTable();
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }
}
}
```

AdminTrainBooking.cs

```
using MySql.Data.MySqlClient;
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    public partial class AdminTrain : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();
        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();
```

```csharp
    String server = "localhost";
    String username = "root";
    String pass = "1825";
    String db = "TrainReservationSystem";
    public AdminTrain()
    {
        InitializeComponent();
    }

    private void button2_Click(object sender, EventArgs e)
    {
        try
        {
            AdminHome adhm = new AdminHome();
            adhm.Show();
            this.Hide();
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }

    }

    private void upload()
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        con.Open();
        sqlcmd.Connection = con;
        sqlcmd.CommandText = "SELECT * from ReservtionDetails";



sqlrd = sqlcmd.ExecuteReader();
        sqlDt.Load(sqlrd);
        sqlrd.Close();
        con.Close();
        dataGridView1.DataSource = sqlDt;

    }

    private void AdminTrain_Load(object sender, EventArgs e)
    {
        upload();
    }

    private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
    {
        con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
        try
        {
            DataView dv = sqlDt.DefaultView;
            dv.RowFilter = String.Format("Firstname like'%{0}%'", textBox5.Text);
            dataGridView1.DataSource = dv.ToTable();
        }
        catch (Exception ex)
        {
            MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
        }
    }
}
```

```
}
```

AdminBusBooking.cs

```csharp
using MySql.Data.MySqlClient;
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace TrainTickitsReservationSystem
{
    public partial class AdminBus : Form
    {
        MySqlConnection con = new MySqlConnection();
        MySqlCommand sqlcmd = new MySqlCommand();


        DataTable sqlDt = new DataTable();

        String sqlQuery;
        MySqlDataAdapter dta = new MySqlDataAdapter();
        MySqlDataReader sqlrd;

        DataSet ds = new DataSet();

        String server = "localhost";
        String username = "root";
        String pass = "1825";
        String db = "TrainReservationSystem";
        public AdminBus()
        {
            InitializeComponent();
        }

        private void button2_Click(object sender, EventArgs e)
        {
            try
            {
                AdminHome adhm = new AdminHome();
                adhm.Show();
                this.Hide();
```

```
        }
      catch (Exception ex)
      {
        MessageBox.Show(ex.Message);
      }
    }

    private void upload()
    {
      con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;
      con.Open();
      sqlcmd.Connection = con;
      sqlcmd.CommandText = "SELECT * from BusReservtionDetails";

      sqlrd = sqlcmd.ExecuteReader();
      sqlDt.Load(sqlrd);
      sqlrd.Close();
      con.Close();
      dataGridView1.DataSource = sqlDt;

    }
    private void AdminBus_Load(object sender, EventArgs e)
    {

      upload();
    }


    private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
    {
      con.ConnectionString = "server=" + server + ";" + "userid=" + username + ";" + "password=" + pass + ";" +
"database=" + db;




      try
      {
        DataView dv = sqlDt.DefaultView;
        dv.RowFilter = String.Format("Firstname like'%{0}%'", textBox5.Text);
        dataGridView1.DataSource = dv.ToTable();
      }


      catch (Exception ex)
      {
        MessageBox.Show("Somthing Went Wrong Please Try Again After Some Time!");
      }
    }
  }
}
```

Data Base Queries

 # Creating Database With Name TrainReservationSystem………………

```
create database TrainReservationSystem;
use TrainReservationSystem;
```

 # Table For Passanger Account Creation ....

```
create table passenger_signup
(
pId int primary key,
pFirstName varchar(100) Not NULL,
pLastName varchar(100) NULL,
pEmail varchar(40) NOT NULL,
pContact dec(11) NOT NULL,
pCity varchar (30) NULL,
pPassword varchar(16) NOT NULL
);
truncate passenger_signup;
insert into passenger_signup(pId, pFirstName, pLastName, pEmail, pContact, pCity,
pPassword) values(1, 'samarth', 'mangave', 'samarthmangave18@gmail.com',
"7755949721", 'kolhapur', '9721' );
select * from passenger_signup;
select count(pEmail),count(pPassword) from passenger_signup where
pEmail='samarthmangave18@gmail.com' && pPassword='9721';
```

 # Table For Train Reservation...

```
create table ReservtionDetails (
PNR int primary key not null,
FirstName varchar(50) Not null,
LastName varchar(50) not null,
Mobile varchar(10) not null,
Address varchar(100) not null,
Gender varchar(20) not null check(Gender in('Male','Female',"Not Specified")),
class varchar(10) not null default 'Genral',
Boarding varchar(20) not null check(Boarding
in('Kolhapur','Pune','Solapur','Miraj','Mumbai','Pandharpur','Nagpur')),
```

```
    Destination varchar(20) not null check(Destination
in('Kolhapur','Pune','Solapur','Miraj','Mumbai','Pandharpur','Nagpur')),
    Journey_Date varchar(20) not null
    );
    #check(Journey_Date() >= current_date())

    drop table ReservtionDetails;
    insert into ReservtionDetails(PNR, FirstName, LastName, Mobile, Address,
Gender,class, Boarding, Destination, Journey_Date)
    values
    (1818,'Samarth','Mangave','7755949721','Kolhapur','Male','Ac','Kolhapur','Mumbai',"
22-november-2022");

    select * from ReservtionDetails;
```

Table For Bus Reservation..

```
    create table BusReservtionDetails (
    Ticket_No int primary key not null,
    FirstName varchar(50) Not null,
    LastName varchar(50) not null,
    Mobile varchar(10) not null,
    Address varchar(100) not null,
    Gender varchar(20) not null check(Gender in('Male','Female',"Not Specified")),
    class varchar(10) default 'Genral',
    Boarding varchar(20) not null check(Boarding
in('Kolhapur','Pune','Solapur','Miraj','Mumbai','Pandharpur','Nagpur')),
    Destination varchar(20) not null check(Destination
in('Kolhapur','Pune','Solapur','Miraj','Mumbai','Pandharpur','Nagpur')),
    Journey_Date varchar(20) not null );

    drop table BusReservtionDetails;
    insert into BusReservtionDetails(Ticket_No, FirstName, LastName, Mobile, Address,
Gender,class, Boarding, Destination, Journey_Date)
    values
    (1818,'Samarth','Mangave','7755949721','Kolhapur','Male','Ac','Kolhapur','Mumbai',"
22-november-2022");
    select * from BusReservtionDetails;
```

Table For ContactUs…………………………………………………………………..

```
    create table ContactUs (
    FirstName varchar(50) Not null,
    LastName varchar(50) not null,
    Email varchar(50) not null,
    Contact varchar(10) not null,
    About varchar(20) not null,
```

```
Issu varchar(500) not null
);
drop table ContactUs;

insert into ContactUs(FirstName, LastName, Email, Contact, About, Issu)
values('samarth','mangave','samarthmangave@gmail.com','7755949721','Bus',"My
tickets Are not booking");
select * from ContactUs;
```

 # Table for Admin………………………………………………………………..
```
drop table AdminLogin;
create table AdminLogin (
phone varchar(15) primary key not null,
password int not null
);
insert into AdminLogin(phone, password) values(7755949721,1234);
select * from AdminLogin;
```

Future Enhancements

1. Implementation of advance Graphics.
2. In future we can able to big Video game.
3. Gaming version can be possible.
4. Implementation of validation is possible.

Conclusion

This system is desktop application To start the software following steps should be takes place.

1. First start the machine.
2. You will see various icons.
3. Select 'Ticket Reservation System' icon and click it.
4. You will see opening Screen.
5. After opening of system, choose From 'Passenger or Admin'.
6. Now You will Login or do booking.
7. This desktop application is user friendly.