

Pakistan Institute of Engineering and Applied Sciences



Report

Lab-10: Semester Project

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Registration No: 03-3-1-033-2022

Course Name: Internet application development

Instructor: Dr. Irfan Hameed

Task 1: To develop a brief project proposal document of web development of a web development project.

- **It must be a data-driven web application**
- **Incorporate state management**
- **Validation is mandatory**
- **Data security is essential**
- **User and roles-based software functionalities to be incorporated**

During last semester we worked on the **ARTVAULT** project and created its database. It is the online version of the art gallery, and it has multiple roles like Admin, Employee, Customer, and Artist, as well as the respective functionalities.

Task 2: To write software requirements specification

Admin:

It is the owner of the Gallery and has all access and can view all the data related to customers, employees, artists, artwork, and event information.

Customer:

Customers can view and edit its information, view its previous orders, view and book its events, view the gallery, and buy artwork.

Employee:

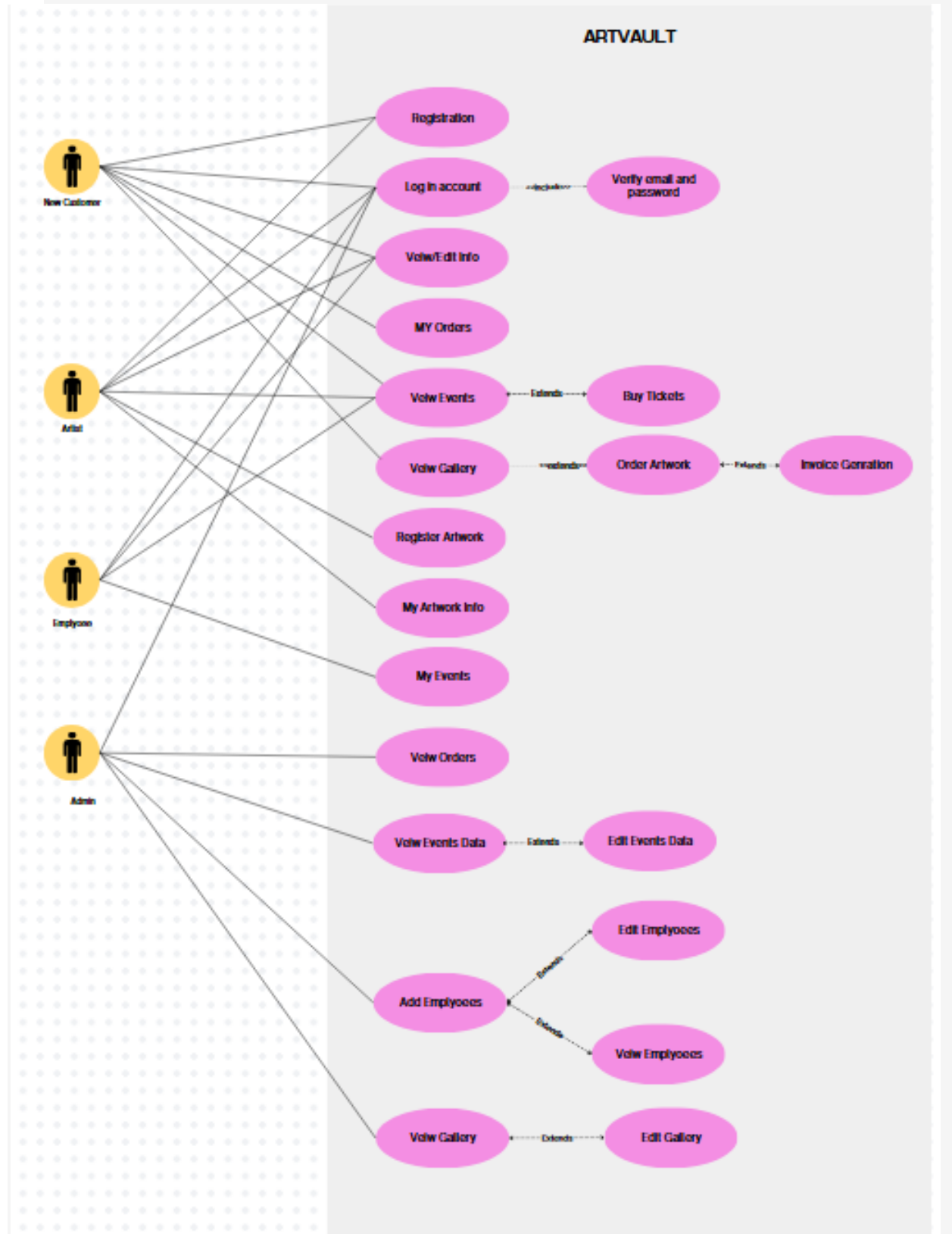
Employees can view and edit their information and view events associated with them.

Artist:

Artists upload their artwork, view and edit its information, and view and book event tickets.

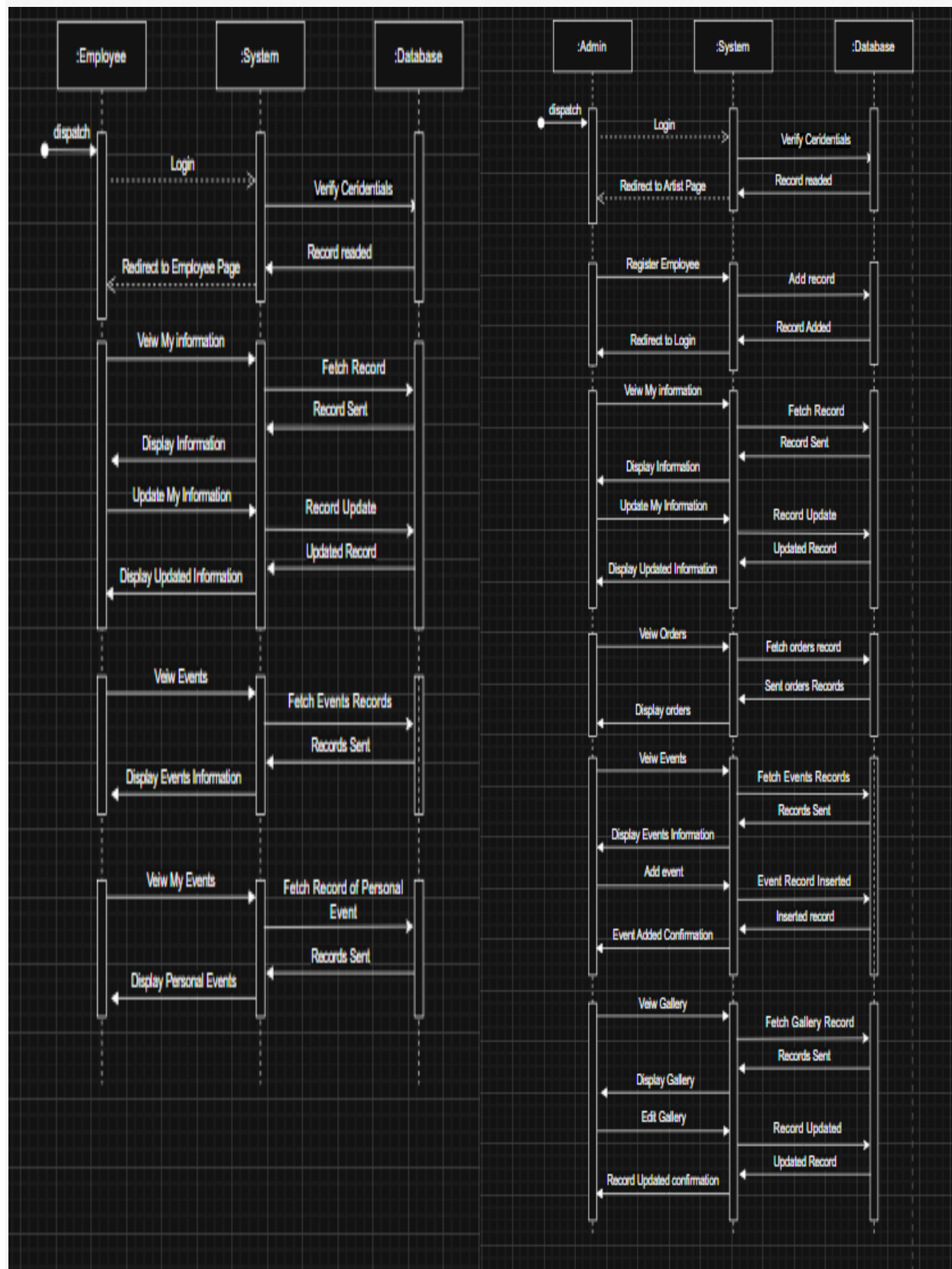
Task 3: To develop the analysis and design model of the web application including:

- Use case

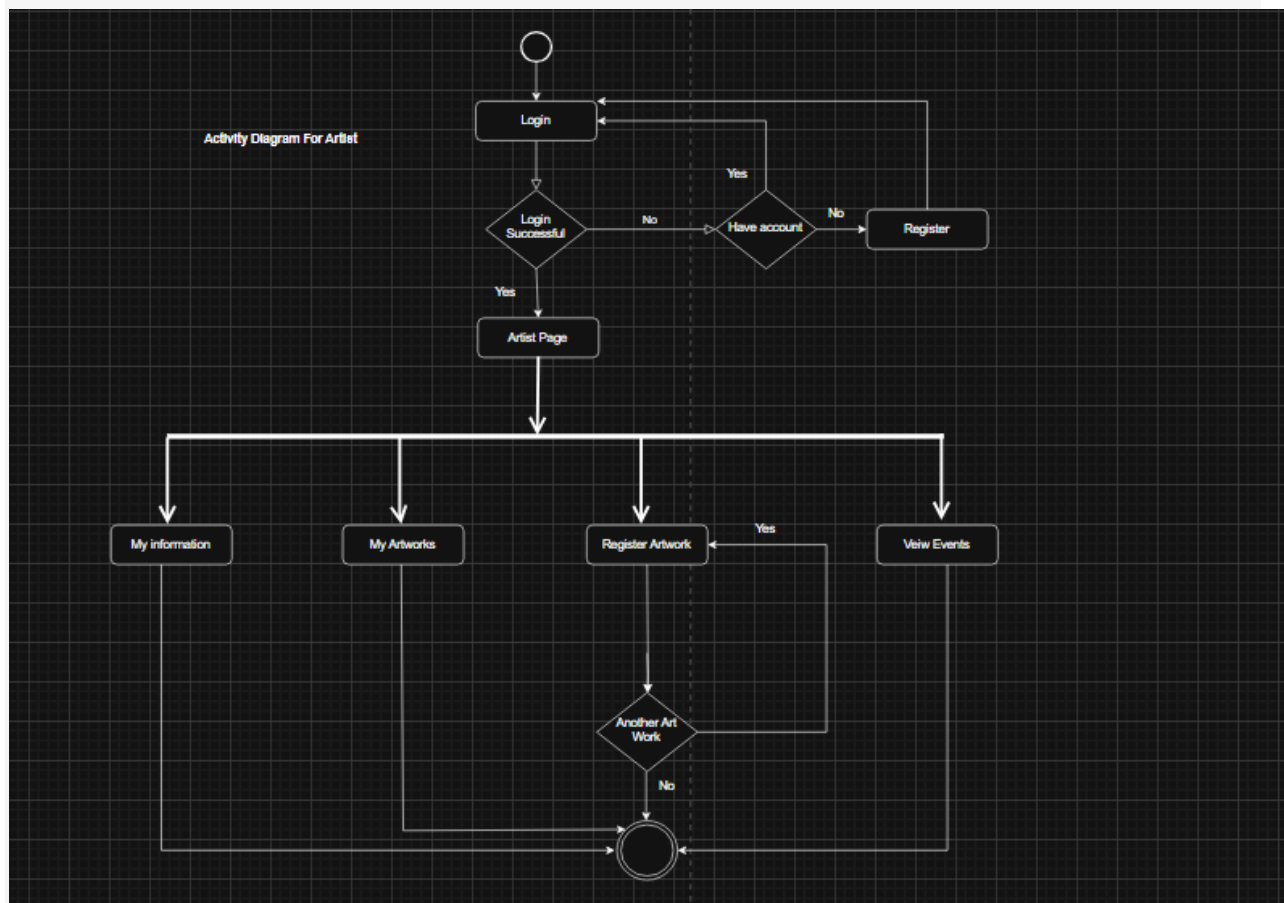
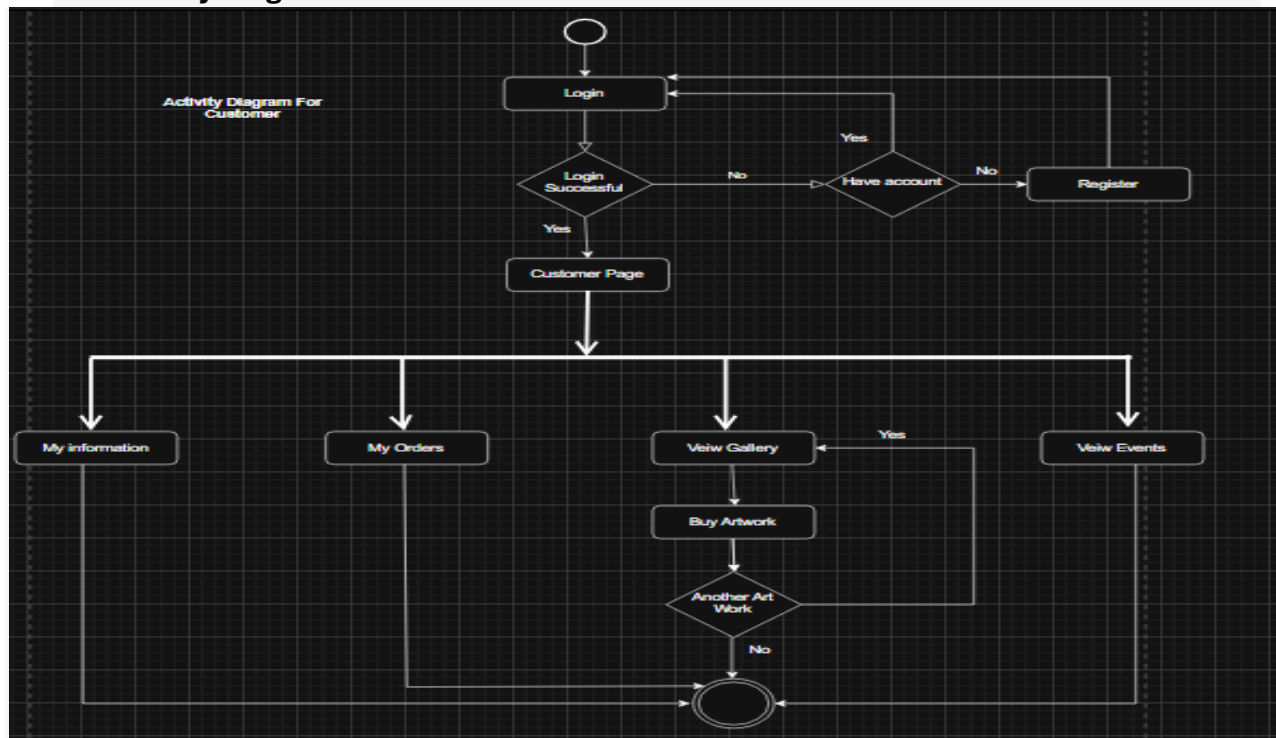


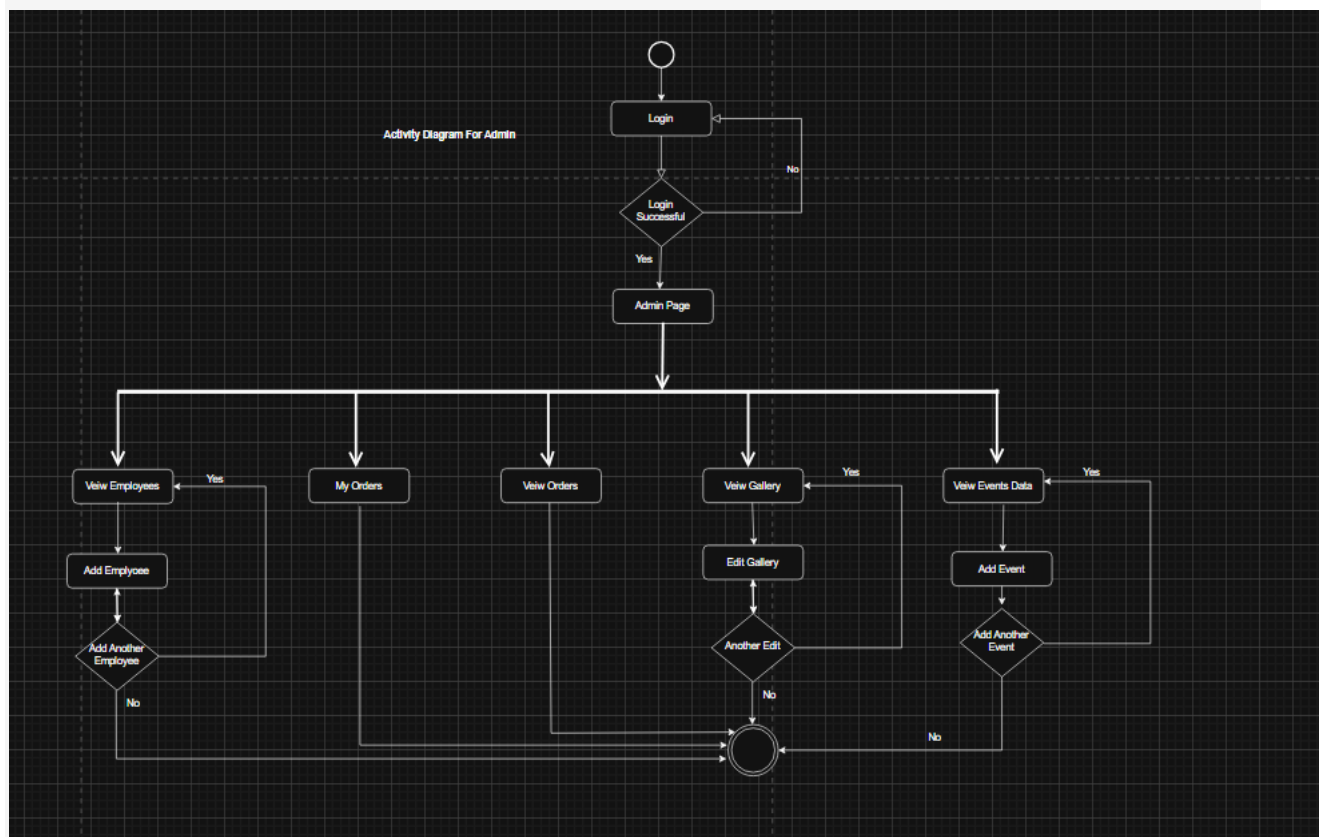
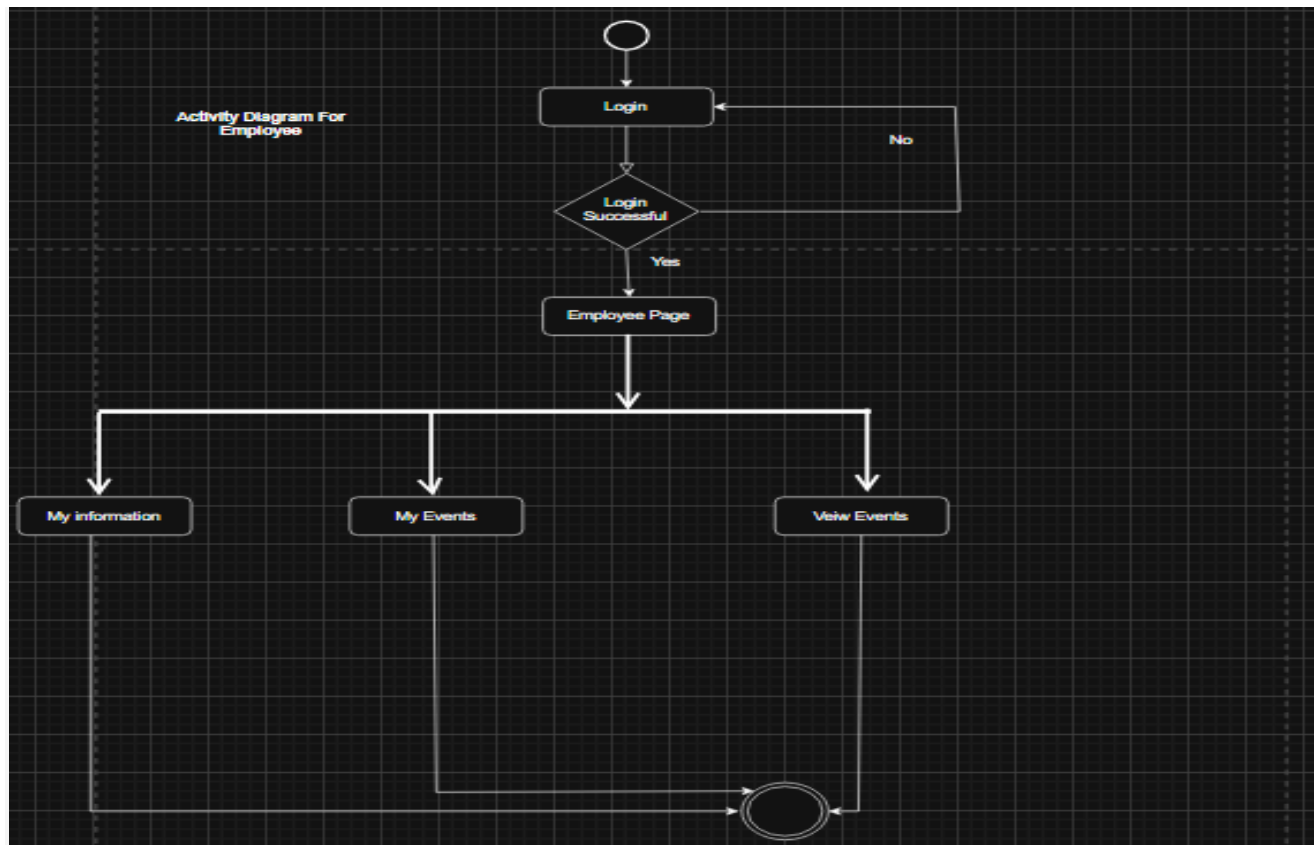
- Sequence diagram



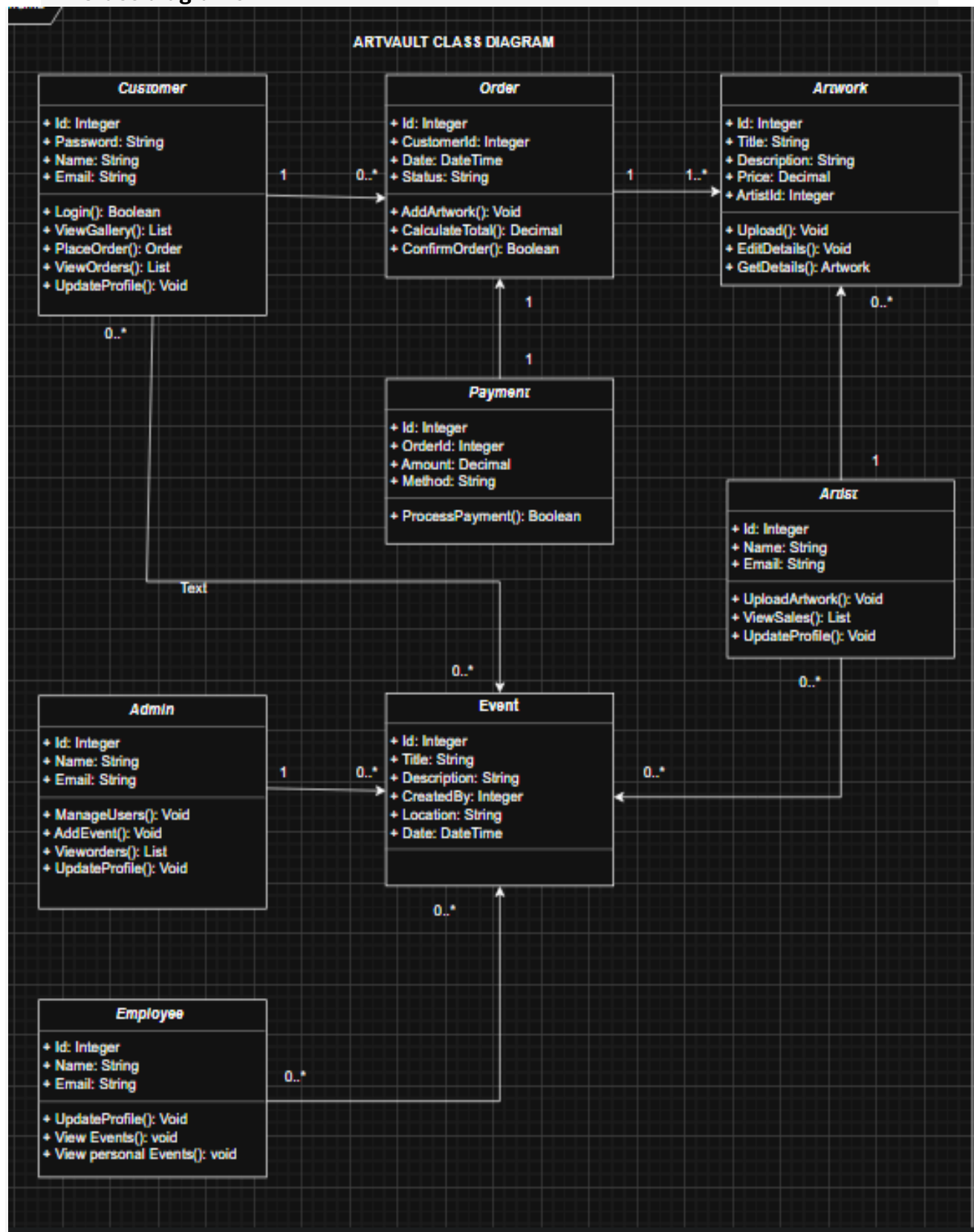


- Activity diagrams





- Class diagrams



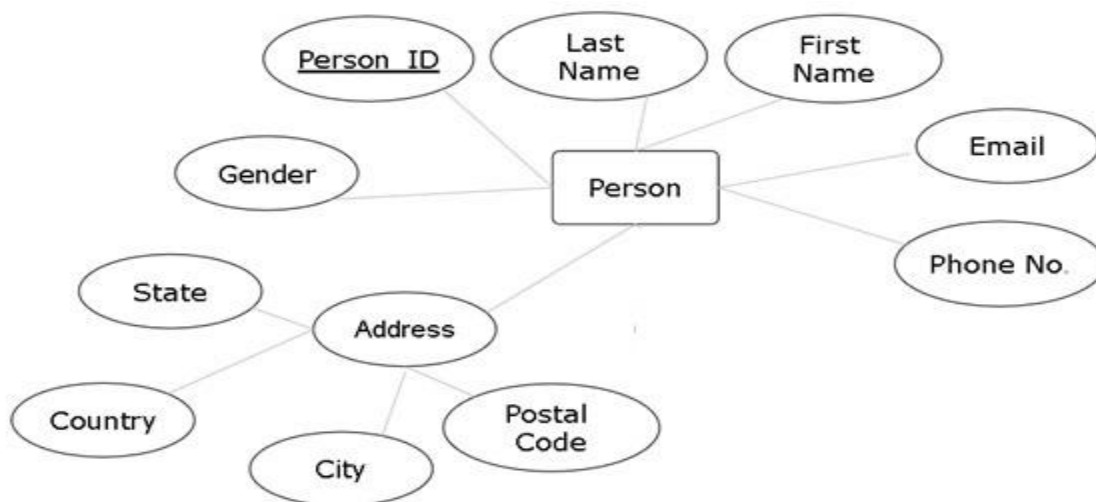
Task 3A: To develop a component model and deployment model

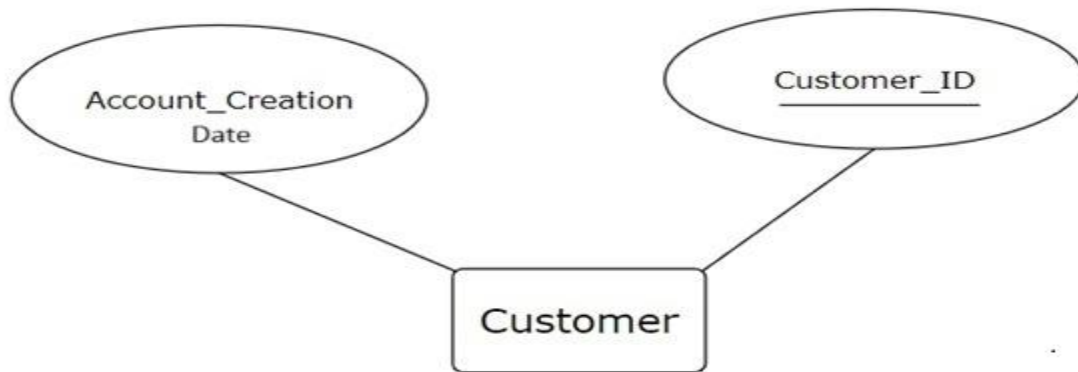
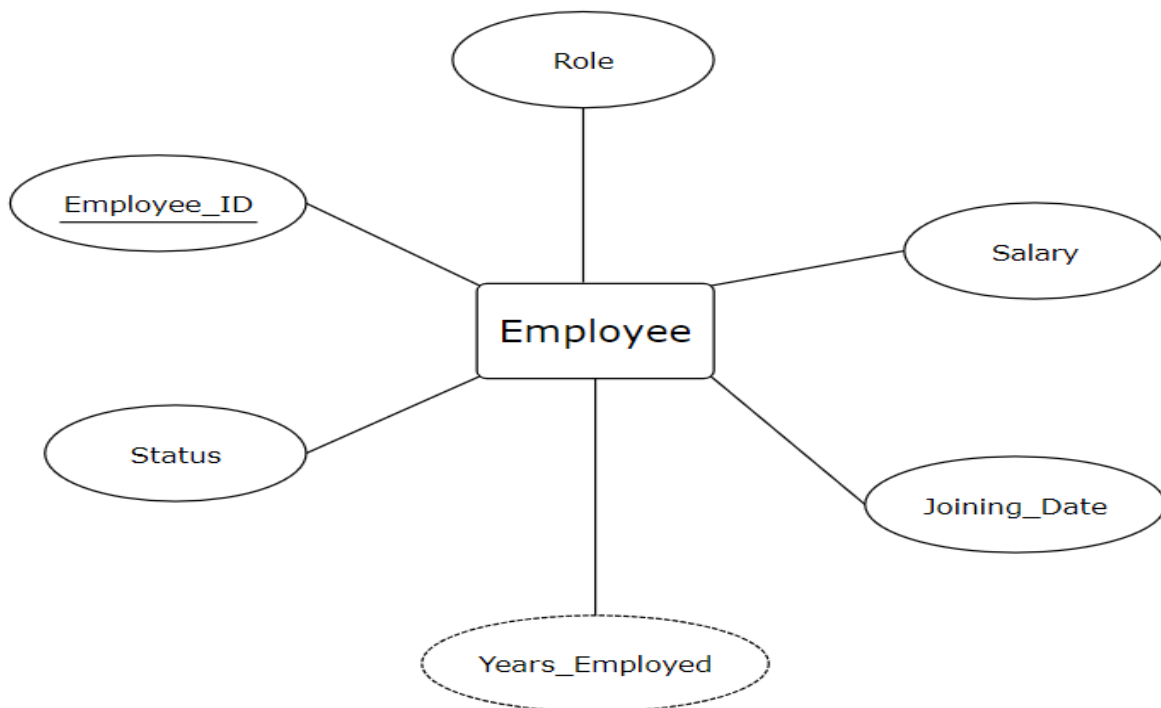
Task 4: Develop a database model including:

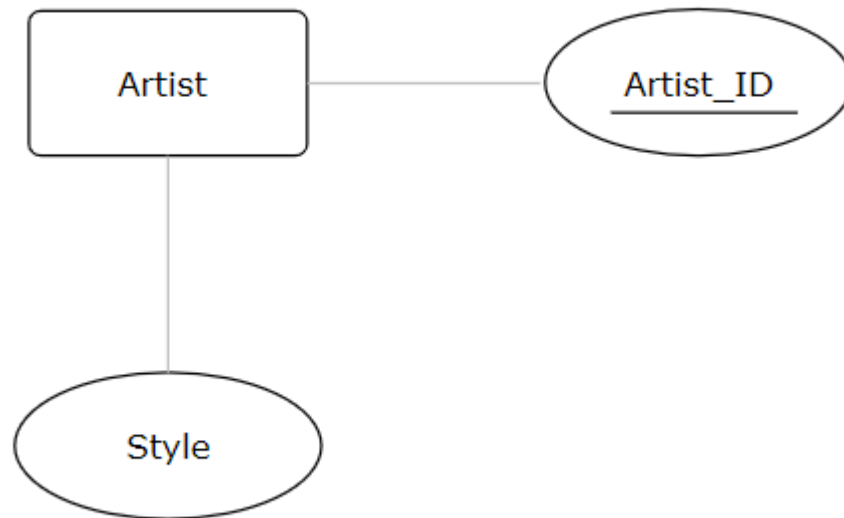
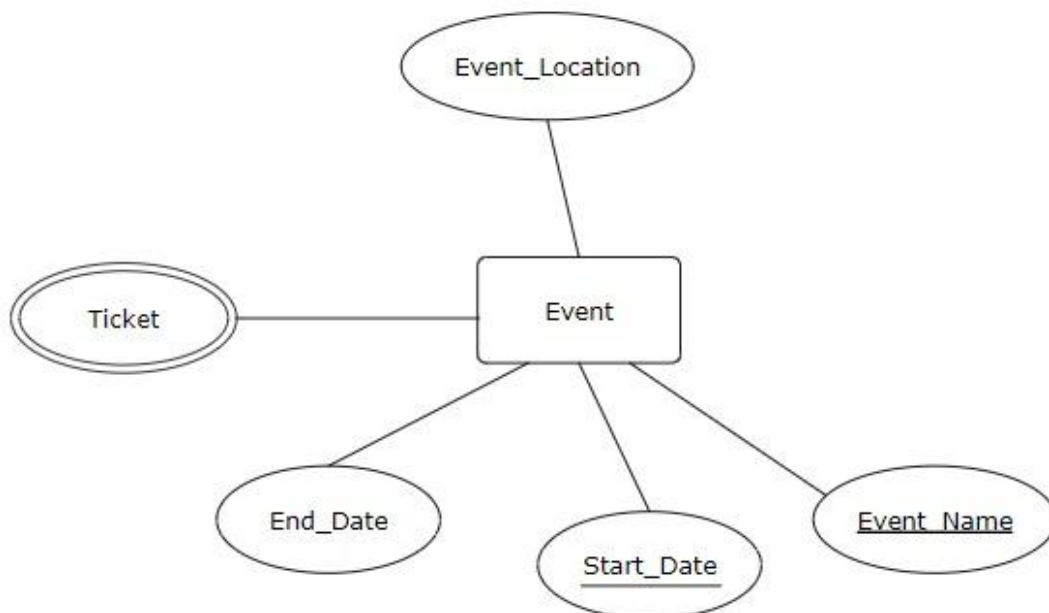
- ER model

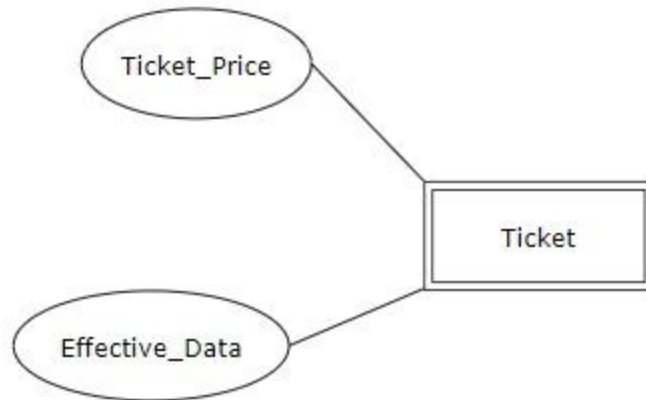
Entities:

1. Person:

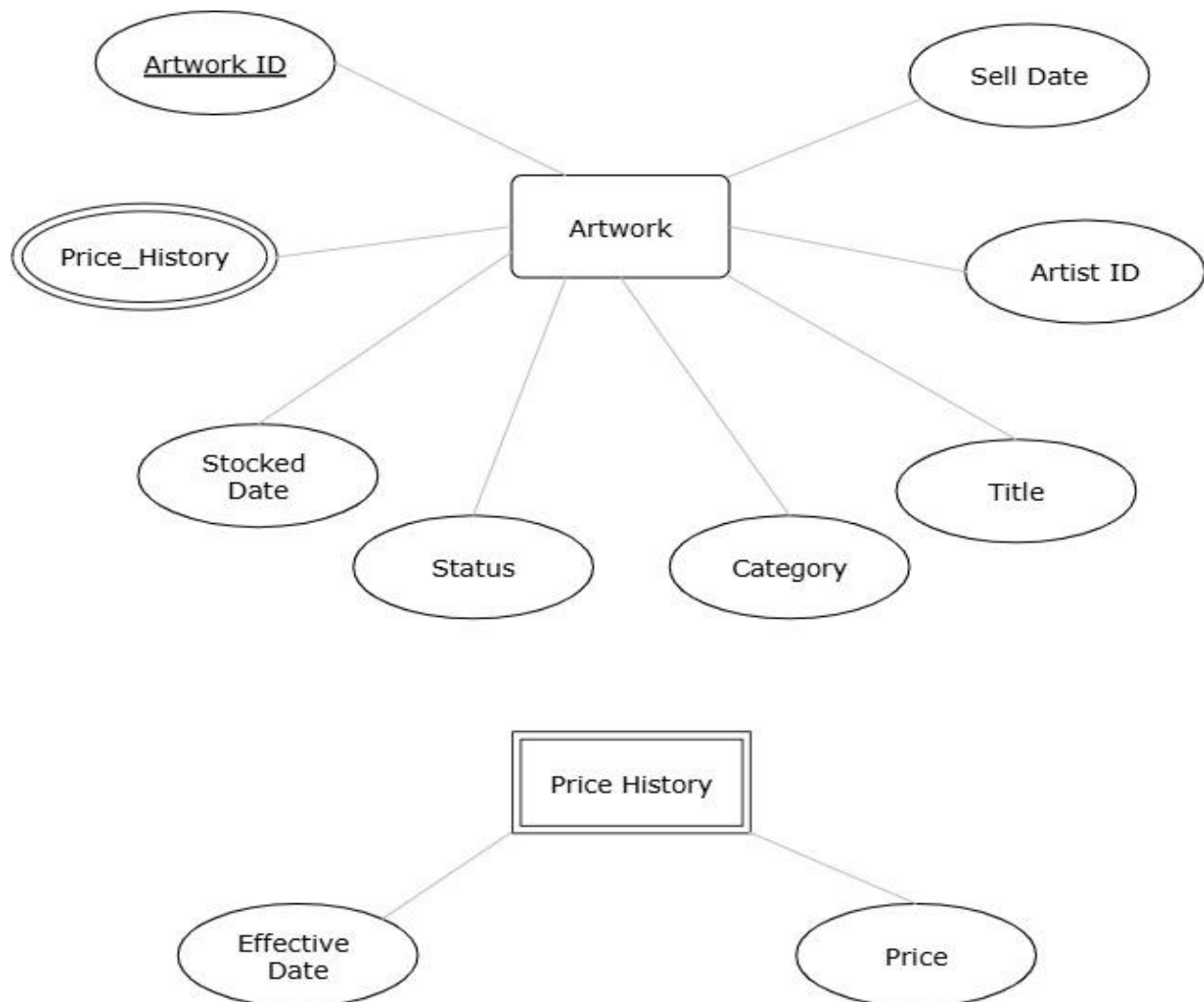


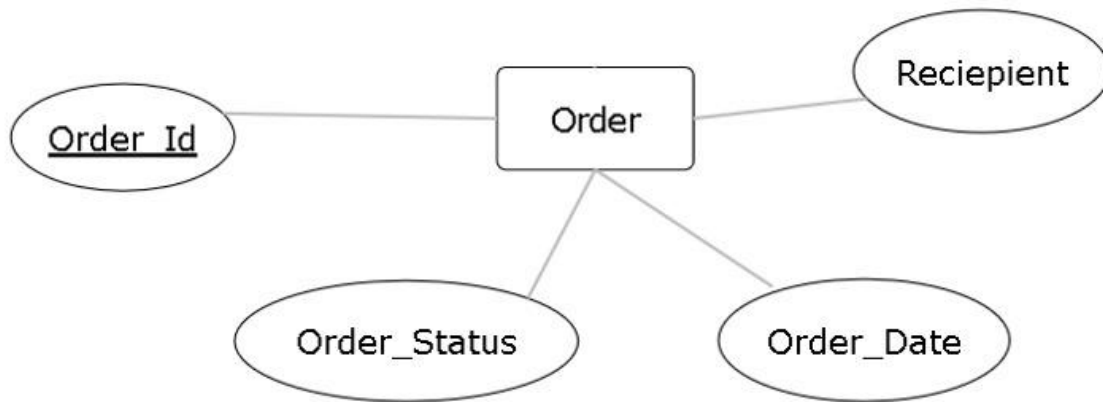
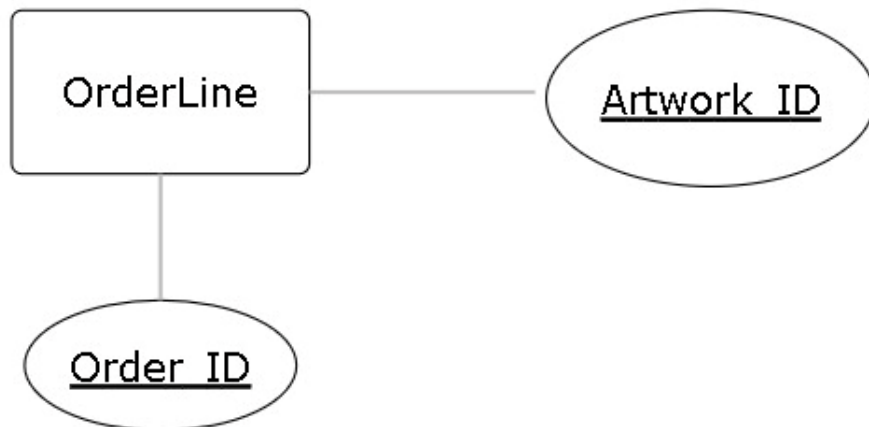
2. Customer:**3. Employee:**

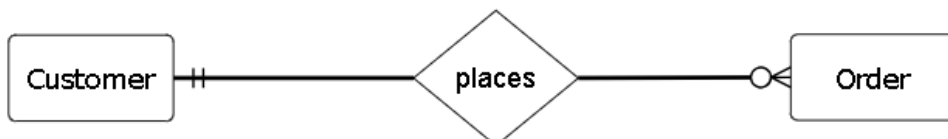
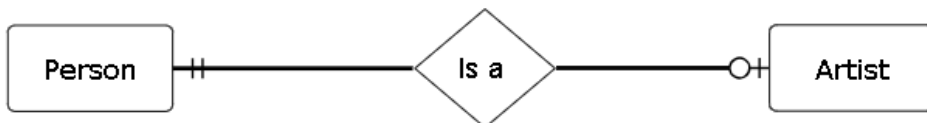
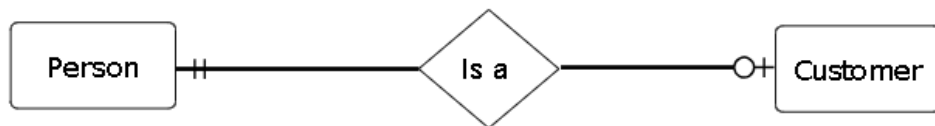
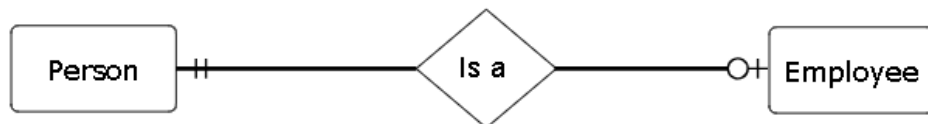
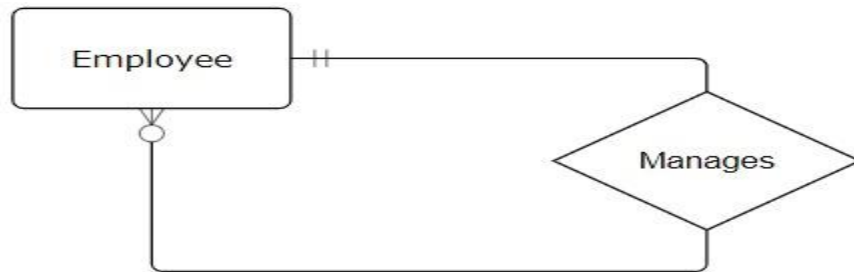
4. Artist:**5. Event:**

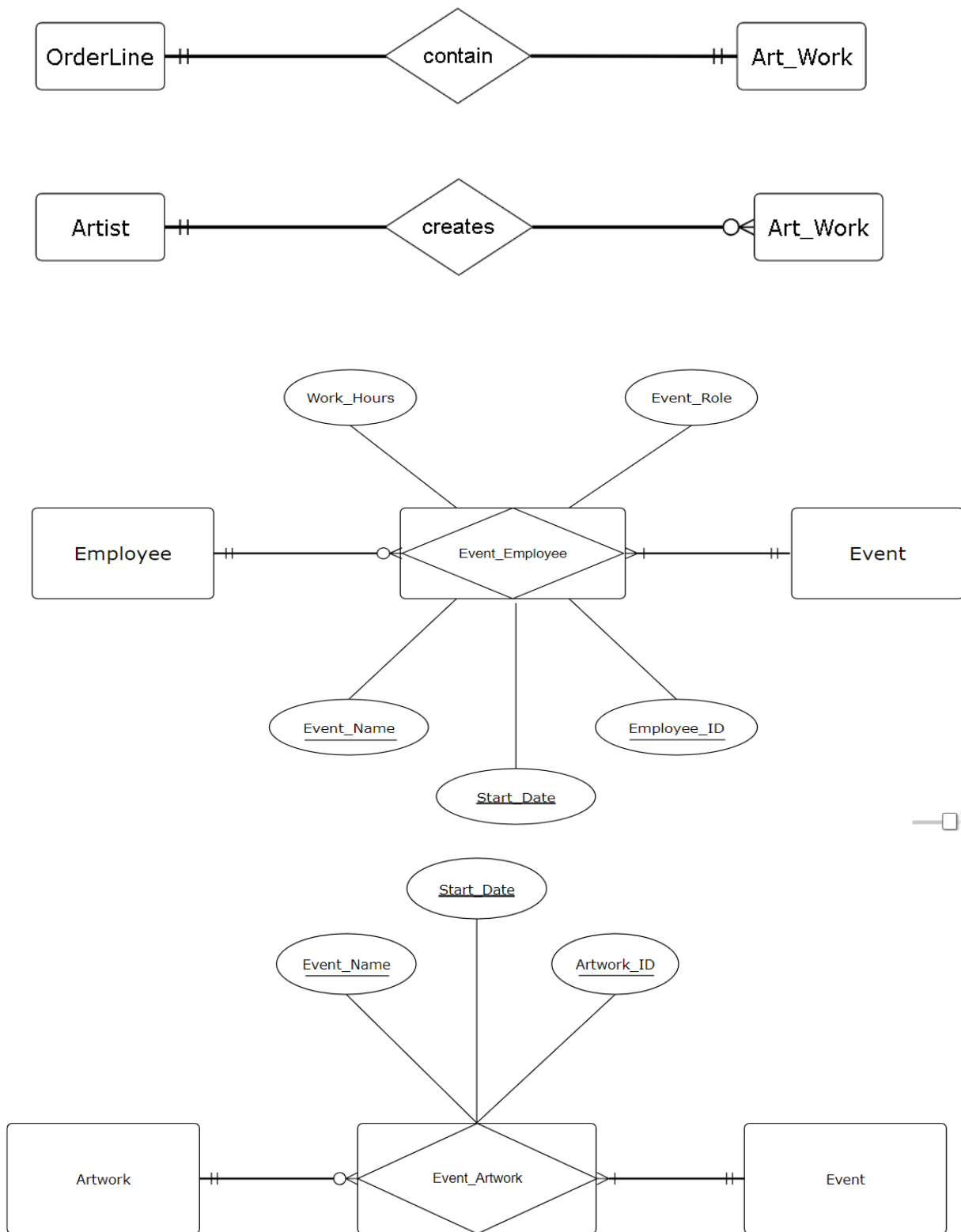


6. Artwork:

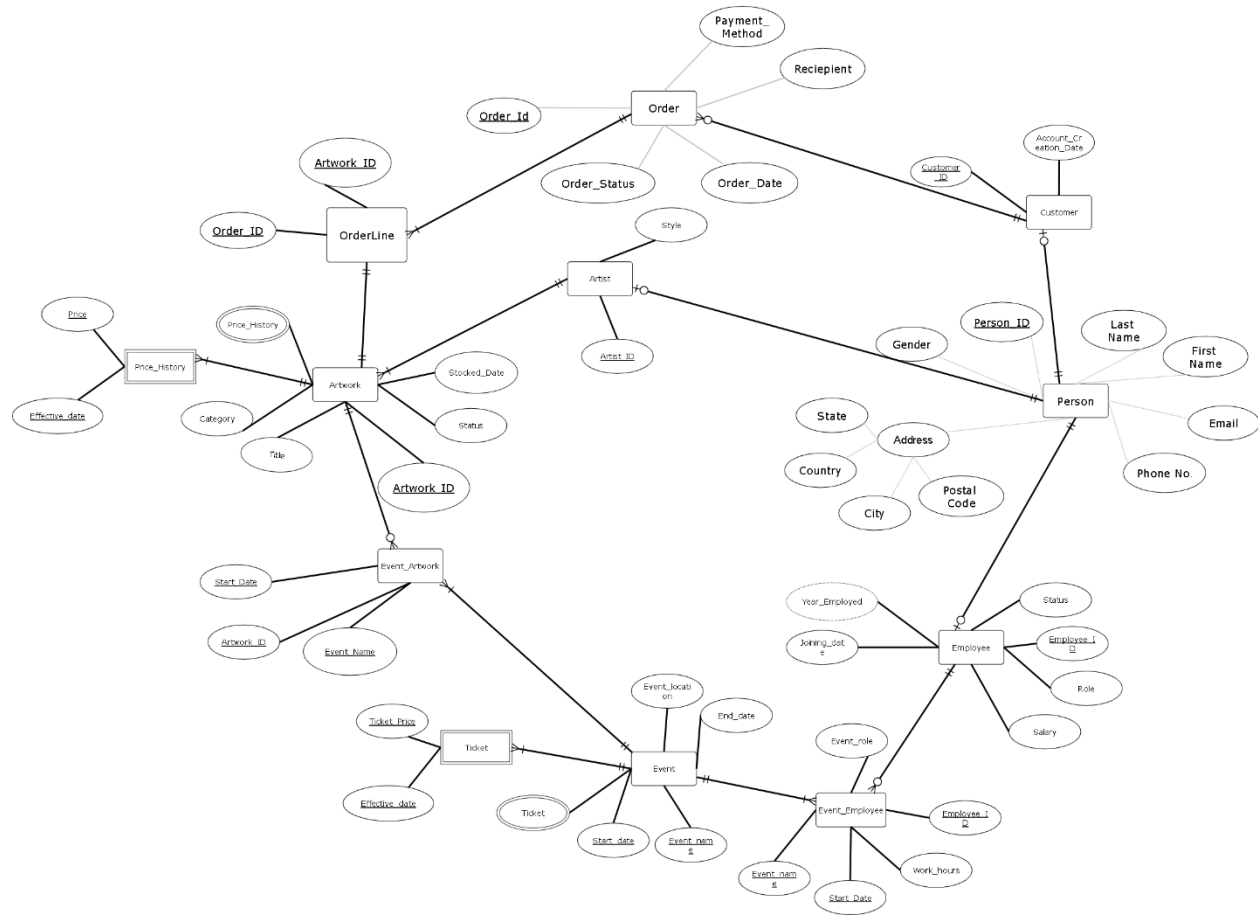


7. Order:**8. Order_line:**

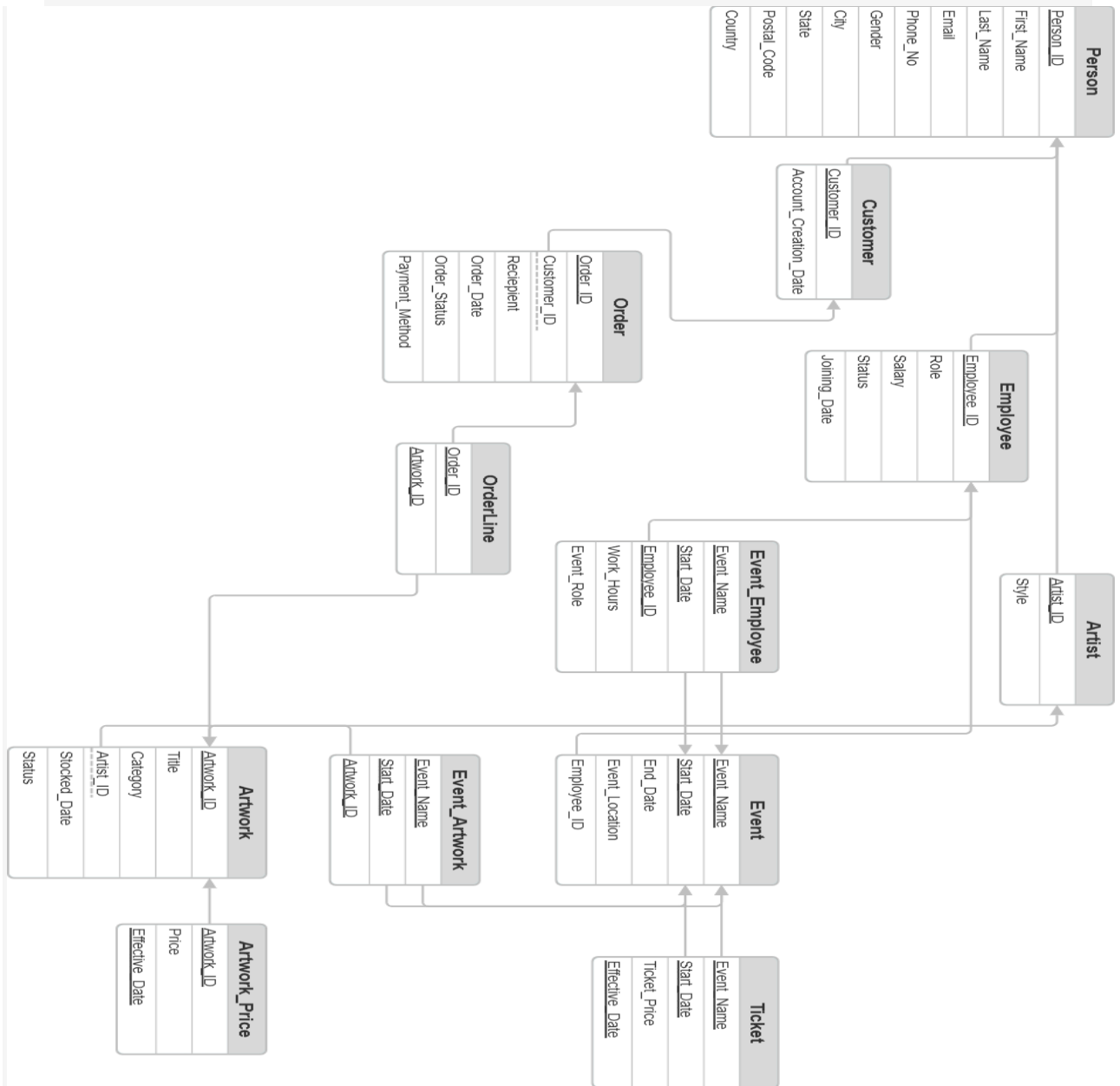
Relationships:



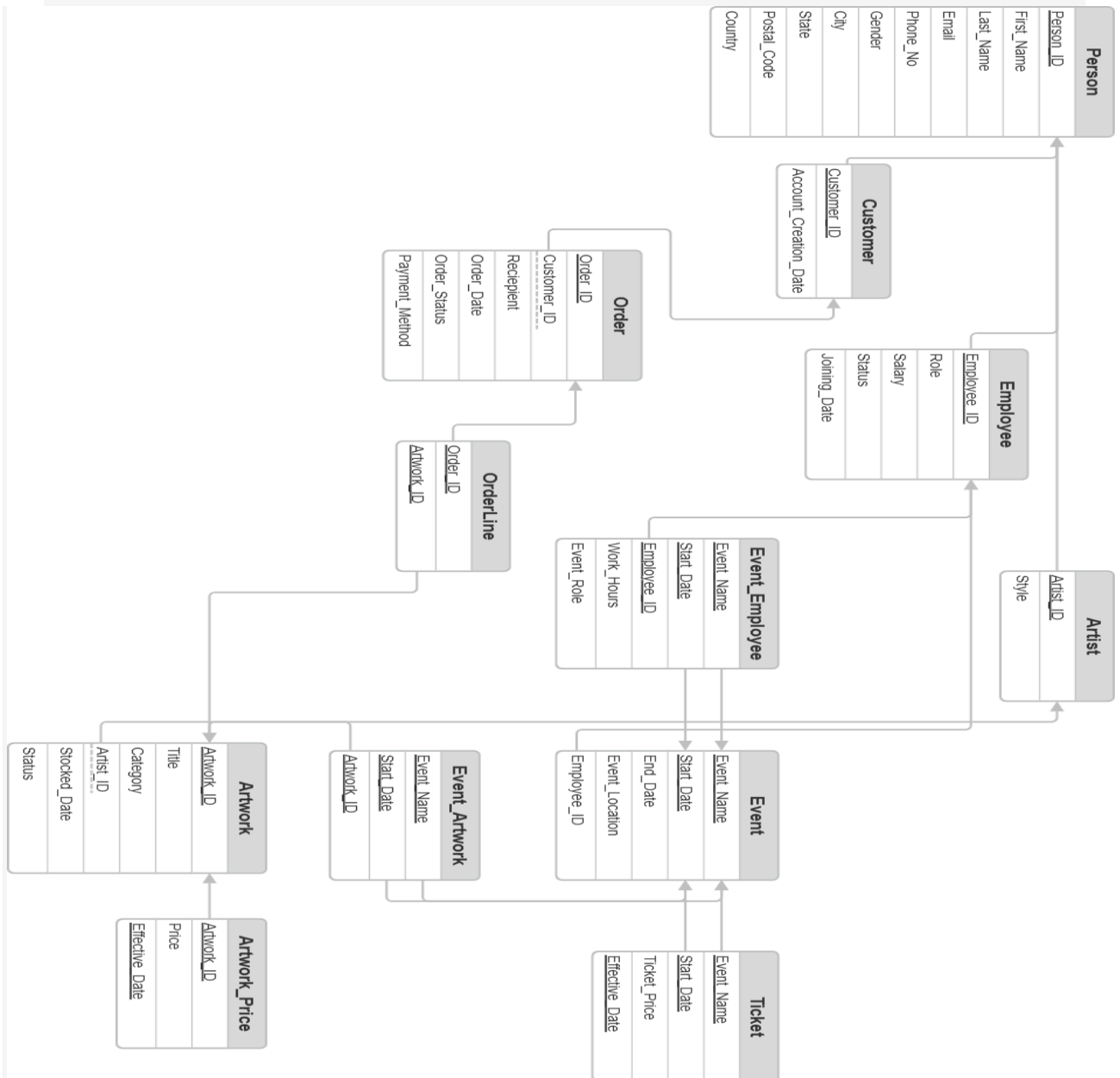
Complete ER Diagram:



- Relational Model



- Normalization of the relational model



```
CREATE TABLE PERSON (
    PERSON_ID VARCHAR(15) NOT NULL ,
    FIRST_NAME VARCHAR(20) NOT NULL ,
    LAST_NAME VARCHAR(20),
    EMAIL VARCHAR(40) NOT NULL ,
    PHONE_NO VARCHAR(20) NOT NULL ,
    GENDER CHAR(1) NOT NULL ,
    CITY VARCHAR(85) NOT NULL ,
    STATE VARCHAR(2) NOT NULL ,
    POSTAL_CODE VARCHAR(10) NOT NULL ,
    COUNTRY VARCHAR(50) NOT NULL ,
    ROLE VARCHAR(10) NOT NULL ,
    PASSWORD VARCHAR(20) NOT NULL ,
    CONSTRAINT PERSON_ID_FORMAT_CHECK CHECK (PERSON_ID LIKE '[0-9][0-9][0-9][0-9][0-9]-[0-9][0-9][0-9][0-9][0-9][0-9][0-9][0-9]-[0-9]'),
    CONSTRAINT PERSON_PK PRIMARY KEY (PERSON_ID)
);
```

```
CREATE TABLE ARTIST (  
  ARTIST_ID VARCHAR(15) NOT NULL ,  
  STYLE VARCHAR(100) NOT NULL ,  
  CONSTRAINT ARTIST_PK PRIMARY KEY (ARTIST_ID) ,  
  CONSTRAINT FK_ARTIST_PERSON FOREIGN KEY (ARTIST_ID) REFERENCES PERSON  
(PERSON_ID)  
);
```

```
CREATE TABLE ARTWORK (  
  ARTWORK_ID VARCHAR(15) NOT NULL ,  
  TITLE VARCHAR(100) NOT NULL ,  
  CATEGORY VARCHAR(50) NOT NULL ,  
  ARTIST_ID VARCHAR(15) NOT NULL ,  
  STOCKED_DATE DATE NOT NULL ,  
  STATUS VARCHAR(20) NOT NULL ,  
  IMAGE BLOB,  
  CONSTRAINT ARTWORK_PK PRIMARY KEY (ARTWORK_ID) ,  
  CONSTRAINT FK_ARTWORK_ARTIST FOREIGN KEY (ARTIST_ID) REFERENCES ARTIST  
(ARTIST_ID)  
);
```

```
CREATE TABLE ARTWORK_PRICE (  
  ARTWORK_ID VARCHAR(15) NOT NULL ,  
  PRICE DECIMAL(10,2) NOT NULL ,  
  EFFECTIVE_DATE DATE NOT NULL ,  
  CONSTRAINT ARTWORK_PRICE_PK PRIMARY KEY (ARTWORK_ID, EFFECTIVE_DATE) ,  
  CONSTRAINT FK_ARTWORK FOREIGN KEY (ARTWORK_ID) REFERENCES ARTWORK  
(ARTWORK_ID)  
);
```

```
CREATE TABLE CUSTOMER (  
  CUSTOMER_ID VARCHAR(15) NOT NULL ,  
  ACCOUNT_CREATION_DATE DATE,  
  CONSTRAINT CUSTOMER_PK PRIMARY KEY (CUSTOMER_ID) ,  
  CONSTRAINT FK_CUSTOMER_PERSON FOREIGN KEY (CUSTOMER_ID) REFERENCES  
PERSON (PERSON_ID)  
);
```

```
CREATE TABLE EMPLOYEE (  
    EMPLOYEE_ID VARCHAR(15) NOT NULL ,  
    ROLE VARCHAR(50) NOT NULL ,  
    SALARY DECIMAL(8,2) NOT NULL ,  
    STATUS VARCHAR(20) NOT NULL ,  
    JOINING_DATE DATE NOT NULL ,  
    CONSTRAINT EMPLOYEE_PK PRIMARY KEY (EMPLOYEE_ID) ,  
    CONSTRAINT FK_EMPLOYEE_PERSON FOREIGN KEY (EMPLOYEE_ID) REFERENCES  
PERSON (PERSON_ID)  
);  
  
CREATE TABLE EVENT (  
    EVENT_NAME VARCHAR(50) NOT NULL ,  
    START_DATE DATE NOT NULL ,  
    END_DATE DATE NOT NULL ,  
    EVENT_LOCATION VARCHAR(100) NOT NULL ,  
    EMPLOYEE_ID VARCHAR(15) NOT NULL ,  
    CONSTRAINT EVENT_PK PRIMARY KEY (EVENT_NAME, START_DATE) ,  
    --FK_EVENT_ARTIST i think its unnessary but don't change it untill there is no error  
    CONSTRAINT FK_EVENT_ARTIST FOREIGN KEY (EMPLOYEE_ID) REFERENCES EMPLOYEE  
(EMPLOYEE_ID)  
);  
  
CREATE TABLE EVENT_ARTWORK (  
    EVENT_NAME VARCHAR(50) NOT NULL ,  
    START_DATE DATE NOT NULL ,  
    ARTWORK_ID VARCHAR(15) NOT NULL ,  
    CONSTRAINT EVENT_ARTWORK_PK PRIMARY KEY (EVENT_NAME, ARTWORK_ID,  
START_DATE) ,  
    CONSTRAINT FK_EVENT_ARTWORK1 FOREIGN KEY (EVENT_NAME, START_DATE)  
REFERENCES EVENT (EVENT_NAME, START_DATE) ,  
    CONSTRAINT FK_EVENT_ARTWORK2 FOREIGN KEY (ARTWORK_ID) REFERENCES  
ARTWORK (ARTWORK_ID)  
);  
  
CREATE TABLE EVENT_EMPLOYEE (  
    EVENT_NAME VARCHAR(50) NOT NULL ,  
    START_DATE DATE NOT NULL ,  
    EMPLOYEE_ID VARCHAR(15) NOT NULL ,
```

```
WORK_HOURS DECIMAL(2,0) NOT NULL ,
EVENT_ROLE VARCHAR(50) NOT NULL ,
CONSTRAINT EVENT_EMPLOYEE_PK PRIMARY KEY (EVENT_NAME, EMPLOYEE_ID,
START_DATE) ,
CONSTRAINT FK_TICKET_EVENT1 FOREIGN KEY (EVENT_NAME, START_DATE)
REFERENCES EVENT (EVENT_NAME, START_DATE) ,
CONSTRAINT FK_TICKET_EVENT2 FOREIGN KEY (EMPLOYEE_ID) REFERENCES
EMPLOYEE (EMPLOYEE_ID)
);

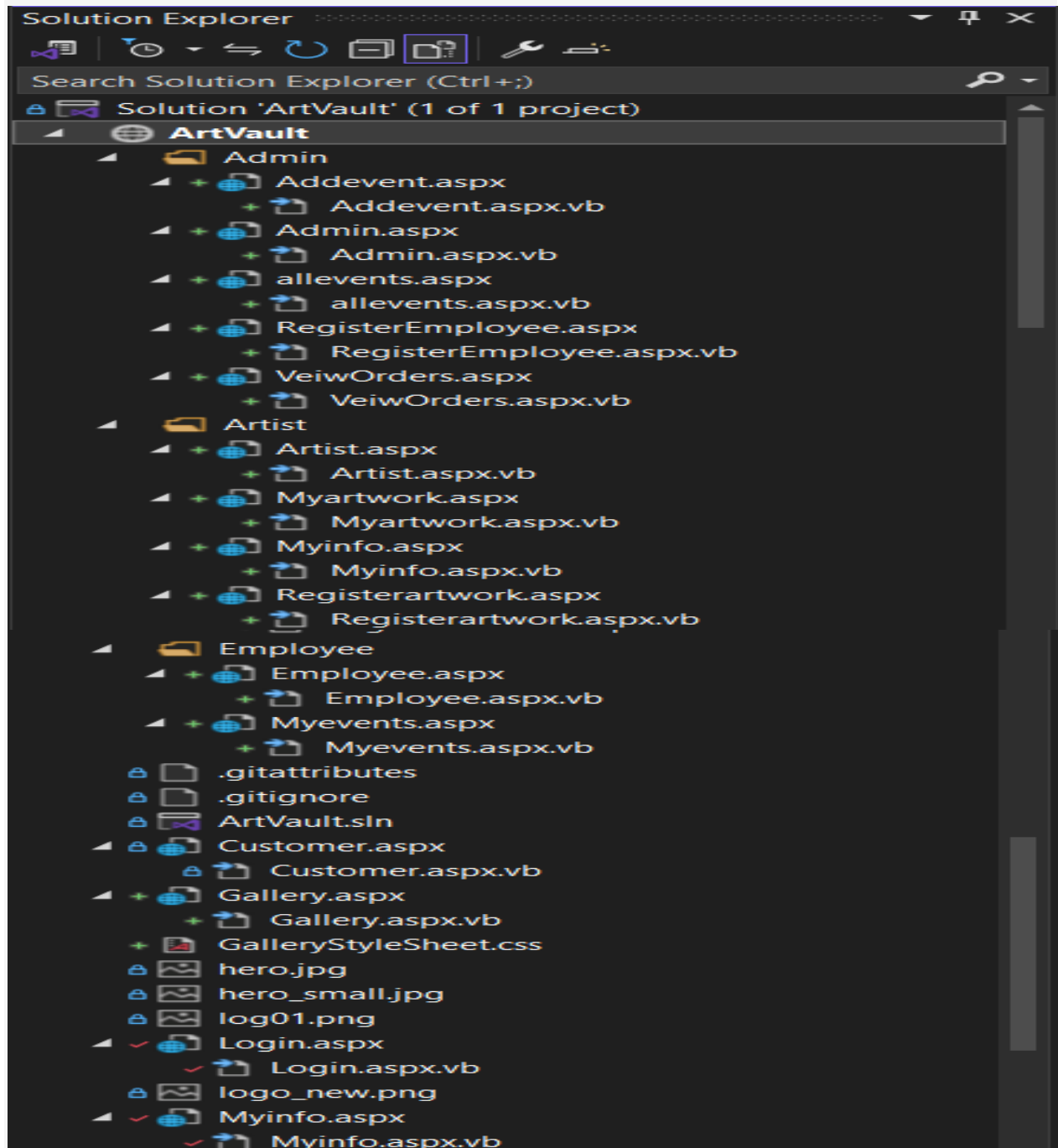
CREATE TABLE ORDER_T (
ORDER_ID VARCHAR(15) NOT NULL ,
CUSTOMER_ID VARCHAR(15) NOT NULL ,
RECIPIENT VARCHAR(50) NOT NULL ,
ORDER_DATE DATE NOT NULL ,
ORDER_STATUS VARCHAR(20) NOT NULL ,
PAYMENT_METHOD VARCHAR(20) NOT NULL ,
CONSTRAINT ORDER_PK PRIMARY KEY (ORDER_ID) ,
CONSTRAINT FK_ORDER_CUSTOMER FOREIGN KEY (CUSTOMER_ID) REFERENCES
CUSTOMER (CUSTOMER_ID)
);

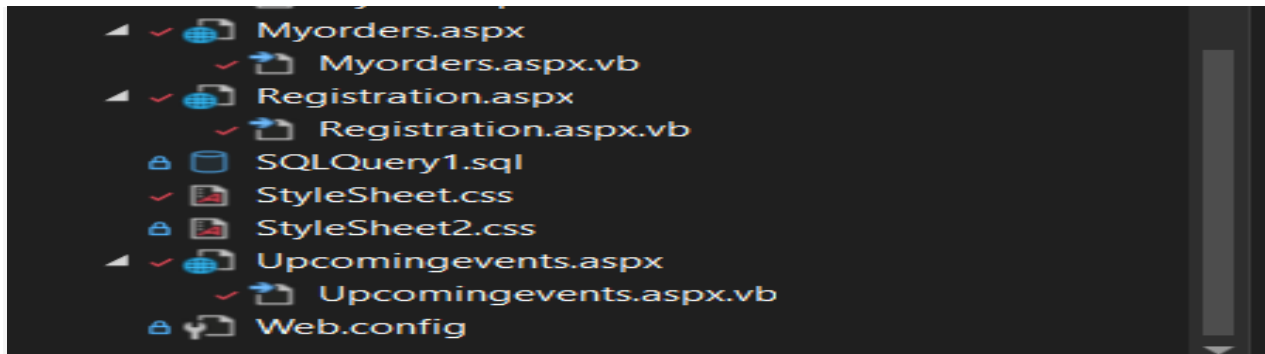
CREATE TABLE ORDERLINE (
ORDER_ID VARCHAR(15) NOT NULL ,
ARTWORK_ID VARCHAR(15) NOT NULL ,
CONSTRAINT ORDERLINE_PK PRIMARY KEY (ORDER_ID, ARTWORK_ID) ,
CONSTRAINT FK_ORDERLINE_ARTWORK FOREIGN KEY (ARTWORK_ID) REFERENCES
ARTWORK (ARTWORK_ID) ,
CONSTRAINT FK_ORDERLINE_ORDER FOREIGN KEY (ORDER_ID) REFERENCES
ORDER_T (ORDER_ID)
);

CREATE TABLE TICKET (
EVENT_NAME VARCHAR(50) NOT NULL ,
START_DATE DATE NOT NULL ,
TICKET_PRICE DECIMAL(5,0) NOT NULL ,
EFFECTIVE_DATE DATE NOT NULL ,
CONSTRAINT TICKET_PK PRIMARY KEY (EVENT_NAME, START_DATE, TICKET_PRICE) ,
```

```
CONSTRAINT FK_TICKET_EVENT FOREIGN KEY (EVENT_NAME, START_DATE)
REFERENCES EVENT (EVENT_NAME, START_DATE)
);
```

Task 5: To implement the web application using concepts and examples studied in the course.





Login.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Login.aspx.vb"
Inherits="_Default" %>

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login</title>
    <link rel="icon" type="image/png" href="logo_new.png" />
    <link rel="stylesheet" type="text/css" href="./StyleSheet.css" />
</head>
<body>
    

    <form id="form2" runat="server">

        <div id="message_box" runat="server"></div>

        <h2>Login</h2>

        <div class="login-container">
            <div runat="server">
                <label for="person_id">CNIC:</label>
                <input id="person_id" type="text" placeholder="e.g., 12345-1234567-
1" class="form-control" runat="server" required="required" pattern="\d{5}-\d{7}-
\d{1}" />
                <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="CNIC is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
                <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="Invalid CNIC format." Display="Dynamic"
ForeColor="Red" ValidationExpression="\d{5}-\d{7}-
\d{1}"></asp:RegularExpressionValidator>

            </div>

            <div runat="server">
                <label for="password">Password:</label>
                <input id="password" type="password" class="form-control"
runat="server" required="required" />
                <asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ControlToValidate="password" ErrorMessage="Password is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
            </div>
        </div>
    </form>
</body>
</html>
```



```

        </div>
    </div>

    <div class="submit-container" runat="server">
        <input id="login_btn" type="submit" value="Login" runat="server" />
    </div>

    <div class="sign-up">
        <p>Don't have an account? <a href="Registration.aspx">Register
Here</a></p>

    </div>
    <p>Customer -> cnic : 33102-7125686-9 , password : 1234 </p>
    <p>Admin -> cnic : 33102-7125686-5 , password : 12345 </p>
    <p>Employee -> cnic : 33102-7121686-5 , password : 12345 </p>
    <p>Artist -> cnic : 33102-7126686-9 , password : 1234567 </p>
</form>
</body>
</html>

```

Login.aspx.vb

```

Imports System.Data
Imports System.Data.SqlClient
Imports System.Security.Policy
Imports System.ServiceModel.Channels

Partial Class _Default
    Inherits System.Web.UI.Page

    Dim Session_Cnic As String
    Dim Session_Password As String
    Dim Session_Role As String
    Dim Authenticated As Boolean = False
    Dim First_Name As String
    Dim Last_Name As String

    Dim is_error As Boolean = False
    Private Sub Login(sender As Object, e As EventArgs) Handles
login_btn.ServerClick
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
        'cmd.CommandText = "SELECT PERSON_ID, ROLE, PASSWORD, FIRST_NAME, LAST_NAME
FROM PERSON WHERE PERSON_ID = '"
        'cmd.CommandText += person_id.Value + "' AND PASSWORD = '" + password.Value
+ "'"
        cmd.CommandText = "SELECT PERSON_ID, ROLE, PASSWORD, FIRST_NAME, LAST_NAME
FROM PERSON WHERE PERSON_ID = @user_id AND PASSWORD = @password"
        cmd.Parameters.AddWithValue("@user_id", person_id.Value)
        cmd.Parameters.AddWithValue("@password", password.Value)
        Dim dr As SqlDataReader
        Try
            con.Open()
            dr = cmd.ExecuteReader
            If dr.Read() Then

```

```

        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Login Successful"
        Authenticated = True
        Session_Cnic = dr("PERSON_ID")
        Session_Password = dr("PASSWORD")
        Session_Role = dr("ROLE")
        First_Name = dr("FIRST_NAME")
        Last_Name = dr("LAST_NAME")
        Session("Cnic") = Session_Cnic
        Session("Password") = Session_Password
        Session("Role") = Session_Role
        Session("Authenticated") = Authenticated
        Session("First_Name") = First_Name
        Session("Last_Name") = Last_Name
    Else
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "CNIC or Password is Incorrect"
        is_error = True
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    con.Close()
    cmd.Dispose()
    'from here use if else statments to redirect to the respective page
    If is_error = False And Session_Role = "Customer" Then
        Response.Redirect("Customer.aspx")
    End If
    If is_error = False And Session_Role = "Admin" Then
        Response.Redirect("../Admin/Admin.aspx")
    End If
    'there is space in Employee
    If is_error = False And Session_Role = "Employee" Then
        Response.Redirect("../Employee/Employee.aspx")
    End If
    If is_error = False And Session_Role = "Artist" Then
        Response.Redirect("../Artist/Artist.aspx")
    End If
End Try

```

End Sub

End Class

Registration.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Registration.aspx.vb"
Inherits="_Default" %>

```

```

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Register</title>
    <link rel="icon" type="image/png" href="logo_new.png" />
    <link rel="stylesheet" type="text/css" href="./StyleSheet.css" />
</head>
<body>
    

```

```

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

    <div id="message_box" runat="server"></div>

    <h2>Register</h2>

    <div class="grid-container">
        <div runat="server">
            <label for="person_id">CNIC:</label>
            <input id="person_id" type="text" placeholder="e.g., 12345-1234567-1" class="form-control" runat="server" required />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ControlToValidate="person_id" ErrorMessage="CNIC is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ControlToValidate="person_id" ErrorMessage="Invalid CNIC format."
Display="Dynamic" ForeColor="Red" ValidationExpression="\d{5}-\d{7}-\d{1}"></asp:RegularExpressionValidator>
        </div>

        <div runat="server">
            <label for="first_name">First Name:</label>
            <input id="first_name" type="text" class="form-control"
runat="server" required />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ControlToValidate="first_name" ErrorMessage="First Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
        </div>

        <div runat="server">
            <label for="last_name">Last Name:</label>
            <input id="last_name" type="text" class="form-control"
runat="server" />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ControlToValidate="last_name" ErrorMessage="Last Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
        </div>

        <div runat="server">
            <label for="email">Email:</label>
            <input id="email" type="text" class="form-control" runat="server"
required />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4"
runat="server" ControlToValidate="email" ErrorMessage="Email is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator2"
runat="server" ControlToValidate="email" ErrorMessage="Invalid email formate."
Display="Dynamic" ForeColor="Red"
ValidationExpression="\S+@\S+\.\S+"></asp:RegularExpressionValidator>
        </div>

        <div runat="server">
            <label for="phone">Phone No:</label>
            <input id="phone" type="text" class="form-control" runat="server"
required />

```

```

        <asp:RequiredFieldValidator ID="RequiredFieldValidator5"
runat="server" ControlToValidate="phone" ErrorMessage="Phone is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="gender">Gender:</label>
        <select id="gender" class="form-control" runat="server" required>
            <option value="M">M</option>
            <option value="F">F</option>
            <option value="O">O</option>
        </select>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator12"
runat="server" ControlToValidate="gender" ErrorMessage="Gender is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="city">City:</label>
        <input id="city" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ControlToValidate="city" ErrorMessage="city is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="state">State:</label>
        <input id="state" type="text" placeholder="e.g., CA" class="form-
control" runat="server" required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ControlToValidate="state" ErrorMessage="State is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="postal_code">Postal Code:</label>
        <input id="postal_code" type="text" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator8"
runat="server" ControlToValidate="postal_code" ErrorMessage="Postal Code is
required." Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="country">Country:</label>
        <input id="country" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator9"
runat="server" ControlToValidate="country" ErrorMessage="Country is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">

```

```

        <label for="role">Role:</label>
        <select id="role" class="form-control" runat="server" required>
            <option value="" selected disabled>User</option>
            <option value="Artist">Artist</option>
            <option value="Customer">Customer</option>
        </select>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator10"
runat="server" ControlToValidate="role" ErrorMessage="Role is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="password">Password:</label>
        <input id="password" type="password" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator11"
runat="server" ControlToValidate="password" ErrorMessage="Password is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>
</div>

<div class="submit-container" runat="server">
    <input id="add" type="submit" value="Submit" runat="server" />
</div>
</form>
</body>
</html>

```

Registration.aspx.vb

```

Imports System.Data.SqlClient
Imports System.Security.Policy
Imports System.ServiceModel.Channels

Partial Class _Default
    Inherits System.Web.UI.Page
    Dim is_error As Boolean = False
    Private Sub Register(sender As Object, e As EventArgs) Handles add.ServerClick
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
        cmd.CommandText = "INSERT INTO PERSON (PERSON_ID, FIRST_NAME, LAST_NAME,
EMAIL, PHONE_NO, GENDER, CITY, STATE, POSTAL_CODE, COUNTRY, ROLE, PASSWORD) " &
        "VALUES (@PersonId, @FirstName, @LastName, @Email, @Phone, @Gender,
@City, @State, @PostalCode, @Country, @Role, @Password)"

        cmd.Parameters.AddWithValue("@PersonId", person_id.Value)
        cmd.Parameters.AddWithValue("@FirstName", first_name.Value)
        cmd.Parameters.AddWithValue("@LastName", last_name.Value)
        cmd.Parameters.AddWithValue("@Email", email.Value)
        cmd.Parameters.AddWithValue("@Phone", phone.Value)
        cmd.Parameters.AddWithValue("@Gender", gender.Value)
        cmd.Parameters.AddWithValue("@City", city.Value)
        cmd.Parameters.AddWithValue("@State", state.Value)
        cmd.Parameters.AddWithValue("@PostalCode", postal_code.Value)
        cmd.Parameters.AddWithValue("@Country", country.Value)
    End Sub
End Class

```

```

cmd.Parameters.AddWithValue("@Role", role.Value)
cmd.Parameters.AddWithValue("@Password", password.Value)
Try
    con.Open()
    Dim insert As Integer = cmd.ExecuteNonQuery()
    If insert > 0 Then
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Record Inserted Successfully"
    Else
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = insert + " Record Inserted"
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    If role.Value = "Customer" And is_error = False Then
        Dim account_creation_date As Date = Date.Now

        Dim formatted_date As String = account_creation_date.ToString("yyyy-
MM-dd")

        ' Response.Write("Account Creation Date: " & formatted_date)

        cmd.CommandText = "INSERT INTO CUSTOMER (CUSTOMER_ID,
ACCOUNT_CREATION_DATE) VALUES (@CustomerId, @CreationDate)"
        cmd.Parameters.AddWithValue("@CustomerId", person_id.Value)
        cmd.Parameters.AddWithValue("@CreationDate", formatted_date)
        Dim insert_C As Integer = cmd.ExecuteNonQuery()
        'If insert_C > 0 Then
        '    Response.Write("C Inserted Successfully")
        'Else
        '    Response.Write("C Insertion Failed")
        'End If

    End If
    con.Close()
    cmd.Dispose()
    If is_error = False Then
        Response.Redirect("Login.aspx")
    End If
End Try

End Sub

```

End Class

Customer.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Customer.aspx.vb"
Inherits="Customer" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">

```

```

<head runat="server">

```

```

    <title>Customer</title>

```

```

    <link rel="icon" type="image/png" href="logo_new.png" />

```

```

    <link rel="stylesheet" type="text/css" href="StyleSheet2.css" />

```

```

</head>
<body class="customer-body">
  <form id="form2" runat="server">
    <div id="form1" runat="server">
      
      <div class="navbar">
        <ul class="navbar-list">
          <li class="navbar-list-items"><a class="link"
href="Myinfo.aspx">My Information</a></li>
          <li class="navbar-list-items"><a class="link"
href="Upcomingevents.aspx">Upcoming Events</a></li>
          <li class="navbar-list-items"><a class="link"
href="Myorders.aspx">My Orders</a></li>
          <li class="navbar-list-items glow-link"><a class="link"
href="Gallery.aspx"><span class="gallery">Veiw Gallery</span></a></li>
        </ul>
      </div>
    </div>
    <div class="greeting" id="greeting" runat="server">
      <h1 id="greeting_Name" runat="server"></h1>

      <p id="greeting_text" runat="server"></p>
    </div>
  </form>
</body>
</html>

```

Customer.aspx.vb

```
Imports System.Drawing.Imaging
```

```
Partial Class Customer
```

```
    Inherits System.Web.UI.Page
```

```
    Private Sub Customer_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Role As String = CType(Session("Role"), String)

```

```
        If Authenticated = False Then
            Response.Redirect("Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("Login.aspx")
        End If
        If Role <> "Customer" Then
            Response.Redirect("Login.aspx")
        End If

```

```
        Dim First_Name As String = CType(Session("First_Name"), String)
        Dim Last_Name As String = CType(Session("Last_Name"), String)
        Dim greeting_string As String = "Hi " & First_Name & " " & Last_Name & " !"
        greeting_Name.InnerText = greeting_string
        greeting_text.InnerText = "Welcome to ArtVault – where every masterpiece
tells a story. Discover art that speaks to your soul and experience a journey of
inspiration and beauty."

```

```
    End Sub
```

End Class

Myinfo.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Myinfo.aspx.vb"
Inherits="Myinfo" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Information</title>
    <link rel="icon" type="image/png" href="logo_new.png" />
    <link rel="stylesheet" type="text/css" href="./StyleSheet.css" />
</head>
<body>
    
    <form id="form1" runat="server">

        <div id="message_box" runat="server"></div>

        <h2>My Information</h2>

        <div id="grid_container" class="grid-container" runat="server">
            <div runat="server">
                <label for="person_id">CNIC:</label>
                <input id="person_id" type="text" placeholder="e.g., 12345-1234567-
1" class="form-control" runat="server" required />
                <asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ControlToValidate="person_id" ErrorMessage="CNIC is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
                <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="Invalid CNIC format." Display="Dynamic"
ForeColor="Red" ValidationExpression="\d{5}-\d{7}-
\d{1}"></asp:RegularExpressionValidator>

            </div>

            <div runat="server">
                <label for="first_name">First Name:</label>
                <input id="first_name" type="text" class="form-control"
runat="server" required />
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ControlToValidate="first_name"
ErrorMessage="First Name is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

            </div>

            <div runat="server">
                <label for="last_name">Last Name:</label>
                <input id="last_name" type="text" class="form-control"
runat="server" />
                <asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ControlToValidate="last_name" ErrorMessage="Last Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

            </div>
        </div>
    </form>
</body>
</html>
```



```

        <div runat="server">
            <label for="email">Email:</label>
            <input id="email" type="text" class="form-control" runat="server"
required />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="email" ErrorMessage="Email is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
ControlToValidate="email" ErrorMessage="Invalid email formate." Display="Dynamic"
ForeColor="Red"
ValidationExpression="\S+@\S+\.\S+"></asp:RegularExpressionValidator>
        </div>

        <div runat="server">
            <label for="phone">Phone No:</label>
            <input id="phone" type="text" class="form-control" runat="server"
required />
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator5" runat="server" ControlToValidate="phone"
ErrorMessage="Phone is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

        </div>

        <div runat="server">
            <label for="gender">Gender:</label>
            <asp:DropDownList ID="gender" runat="server" class="form-control"
required>
                <asp:ListItem Value="M">M</asp:ListItem>
                <asp:ListItem Value="F">F</asp:ListItem>
                <asp:ListItem Value="O">O</asp:ListItem>
            </asp:DropDownList>
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator12" runat="server" ControlToValidate="gender"
ErrorMessage="Gender is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

        </div>

        <div runat="server">
            <label for="city">City:</label>
            <input id="city" type="text" class="form-control" runat="server"
required />
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator6" runat="server" ControlToValidate="city"
ErrorMessage="city is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

        </div>

        <div runat="server">
            <label for="state">State:</label>
            <input id="state" type="text" placeholder="e.g., CA" class="form-
control" runat="server" required />
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator7" runat="server" ControlToValidate="state"
ErrorMessage="State is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

```

```

</div>

<div runat="server">
    <label for="postal_code">Postal Code:</label>
    <input id="postal_code" type="text" class="form-control"
runat="server" required />
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator8" runat="server" ControlToValidate="postal_code"
ErrorMessage="Postal Code is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="country">Country:</label>
    <input id="country" type="text" class="form-control" runat="server"
required />
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator9" runat="server" ControlToValidate="country"
ErrorMessage="Country is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="role">Role_name:</label>
    <asp:DropDownList id="Role_name" runat="server" class="form-control"
required>
        <asp:ListItem Value="User" Selected="True"
Disabled="True">User</asp:ListItem>
        <asp:ListItem Value="Artist">Artist</asp:ListItem>
        <asp:ListItem Value="Employee">Employee</asp:ListItem>
        <asp:ListItem Value="Customer">Customer</asp:ListItem>
    </asp:DropDownList>
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator10" runat="server" ControlToValidate="Role_name"
ErrorMessage="Role is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="password">Password:</label>
    <input id="password" type="text" class="form-control" runat="server"
required />
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator11" runat="server" ControlToValidate="password"
ErrorMessage="Password is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>
</div>
<div id="button_holder" class="submit-container" runat="server">
    <input id="edit" type="submit" value="Edit" runat="server" />
    <input id="update_btn" type="submit" value="Update" runat="server" />
</div>
</form>

```

```
</body>
</html>
```

Myinfo.aspx.vb

```
Imports System.ComponentModel
Imports System.Data.SqlClient
Imports System.Web.UI.WebControls.Expressions

Partial Class Myinfo
    Inherits System.Web.UI.Page
    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("Login.aspx")
        End If
        If Role <> "Customer" And Role <> "Employee" Then
            Response.Redirect("Login.aspx")
        End If

        If Me.IsPostBack = False Then

            Dim constr As String
            constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing;
User ID=Hammad; Password= Hammad"
            Dim con As New SqlConnection
            con.ConnectionString = constr
            Dim cmd As New SqlCommand
            cmd.Connection = con
            cmd.CommandText = "SELECT PERSON_ID, FIRST_NAME, LAST_NAME, EMAIL,
PHONE_NO, GENDER, CITY, STATE, POSTAL_CODE, COUNTRY, ROLE, PASSWORD FROM PERSON
WHERE PERSON_ID = @PersonId AND PASSWORD = @Password"
            cmd.Parameters.AddWithValue("@PersonId", Session_Cnic)
            cmd.Parameters.AddWithValue("@Password", Session_Password)
            Dim dr As SqlDataReader
            Try
                con.Open()
                dr = cmd.ExecuteReader
                If dr.Read() Then
                    person_id.Value = dr("PERSON_ID").ToString()
                    first_name.Value = dr("FIRST_NAME").ToString()
                    last_name.Value = dr("LAST_NAME").ToString()
                    email.Value = dr("EMAIL").ToString()
                    phone.Value = dr("PHONE_NO").ToString()
                    gender.SelectedValue = dr("GENDER").ToString()
                    city.Value = dr("CITY").ToString()
                    state.Value = dr("STATE").ToString()
                    postal_code.Value = dr("POSTAL_CODE").ToString()
                    country.Value = dr("COUNTRY").ToString()
                    Role_name.SelectedValue = dr("ROLE").ToString()
                End If
            Catch ex As Exception
            End Try
        End If
    End Sub
End Class
```

```

password.Value = dr("PASSWORD").ToString()
If dr("ROLE").ToString() = "Customer" Then
    Dim con2 As New SqlConnection
    con2.ConnectionString = constr
    Dim cmd2 As New SqlCommand
    cmd2.Connection = con2
    cmd2.CommandText = "SELECT ACCOUNT_CREATION_DATE FROM
CUSTOMER WHERE CUSTOMER_ID = @CustomerId"
    cmd2.Parameters.AddWithValue("@CustomerId", Session_Cnic)
    Dim dr2 As SqlDataReader
    Try
        con2.Open()
        dr2 = cmd2.ExecuteReader
        If dr2.Read() Then
            Dim Date_display As New HtmlGenericControl("div")
            Date_display.Attributes.Add("class", "Date_display")
            Dim Date_label As New HtmlGenericControl("label")
            Date_label.InnerText = "Account Creation Date: "
            Dim Date_feild As New HtmlGenericControl("input")
            Date_feild.Attributes.Add("type", "text")
            Date_feild.Attributes.Add("value",
dr2("ACCOUNT_CREATION_DATE").ToString())
            Date_feild.Attributes.Add("readonly", "true")
            Date_feild.Attributes.Add("class", "form-control")
            Date_display.Controls.Add(Date_label)
            Date_display.Controls.Add(Date_feild)
            grid_container.Controls.Add(Date_display)
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
    Finally
        con2.Close()
        cmd.Dispose()
    End Try
End Try

End If
End If

Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
Finally
    con.Close()
    cmd.Dispose()
End Try

person_id.Attributes.Add("readonly", "true")
first_name.Attributes.Add("readonly", "true")
last_name.Attributes.Add("readonly", "true")
email.Attributes.Add("readonly", "true")
phone.Attributes.Add("readonly", "true")
gender.Attributes.Add("disabled", "true")
city.Attributes.Add("readonly", "true")
state.Attributes.Add("readonly", "true")
postal_code.Attributes.Add("readonly", "true")
country.Attributes.Add("readonly", "true")
Role_name.Attributes.Add("disabled", "true")

```

```

        password.Attributes.Add("readonly", "true")
    End If
    edit.Visible = True
    update_btn.Visible = False

```

```
End Sub
```

```
Private Sub Edit_info(sender As Object, e As EventArgs) Handles edit.ServerClick
```

```

    first_name.Attributes.Remove("readonly")
    last_name.Attributes.Remove("readonly")
    email.Attributes.Remove("readonly")
    phone.Attributes.Remove("readonly")
    city.Attributes.Remove("readonly")
    state.Attributes.Remove("readonly")
    postal_code.Attributes.Remove("readonly")
    country.Attributes.Remove("readonly")
    password.Attributes.Remove("readonly")

```

```

    'edit.Style.Add("display", "none")
    edit.Visible = False
    update_btn.Visible = True

```

```
End Sub
```

```
Private Sub Update(Sender As Object, e As EventArgs) Handles
update_btn.ServerClick
```

```
    'handle the update logic here
```

```
    Dim Session_Cnic As String = CType(Session("Cnic"), String)
```

```
    Dim is_error As Boolean = False
```

```
    Dim constr As String
```

```
    constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
```

```
    Dim con As New SqlConnection
```

```
    con.ConnectionString = constr
```

```
    Dim cmd As New SqlCommand
```

```
    cmd.Connection = con
```

```
    cmd.CommandText = "UPDATE PERSON SET " &
```

```
        "FIRST_NAME = @FirstName, " &
```

```
        "LAST_NAME = @LastName, " &
```

```
        "EMAIL = @Email, " &
```

```
        "PHONE_NO = @Phone, " &
```

```
        "CITY = @City, " &
```

```
        "STATE = @State, " &
```

```
        "POSTAL_CODE = @PostalCode, " &
```

```
        "COUNTRY = @Country, " &
```

```
        "PASSWORD = @Password " &
```

```
        "WHERE PERSON_ID = @PersonId"
```

```
    cmd.Parameters.AddWithValue("@FirstName", first_name.Value)
```

```
    cmd.Parameters.AddWithValue("@LastName", last_name.Value)
```

```
    cmd.Parameters.AddWithValue("@Email", email.Value)
```

```
    cmd.Parameters.AddWithValue("@Phone", phone.Value)
```

```
    cmd.Parameters.AddWithValue("@City", city.Value)
```

```
    cmd.Parameters.AddWithValue("@State", state.Value)
```

```
    cmd.Parameters.AddWithValue("@PostalCode", postal_code.Value)
```

```
    cmd.Parameters.AddWithValue("@Country", country.Value)
```

```

cmd.Parameters.AddWithValue("@Password", password.Value)
cmd.Parameters.AddWithValue("@PersonId", Session_Cnic)
Try
    con.Open()
    Dim insert As Integer = cmd.ExecuteNonQuery()
    If insert > 0 Then
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Record Updated Successfully"
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    con.Close()
    cmd.Dispose()
End Try
If is_error = False Then
    Session("Password") = password.Value
    Response.Redirect("Myinfo.aspx")
End If
End Sub

```

End Class

Myorders.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Myorders.aspx.vb"
Inherits="Myorders" %>

```

```

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Orders</title>
    <link rel="stylesheet" type="text/css" href="./StyleSheet.css" />
    <link rel="icon" type="image/png" href="logo_new.png" />
</head>
<body>
    <form id="form1" style="max-width:100%; width:60%" runat="server">
        <h2>Your Orders</h2>
        <div id="message_box" runat="server"></div>
        <div id="orderscontainer" runat="server">
            </div>
        </form>
    </body>
</html>

```

Myorders.aspx.vb

```

Imports System.Data.SqlClient

```

```

Partial Class Myorders

```

```

    Inherits System.Web.UI.Page

```

```

    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)
    End Sub

```

```

Dim Session_Password As String = CType(Session("Password"), String)

If Authenticated = False Then
    Response.Redirect("Login.aspx")
End If
If Role Is Nothing Then
    Response.Redirect("Login.aspx")
End If
If Role <> "Customer" Then
    Response.Redirect("Login.aspx")
End If
Dim constr As String
constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
Dim con As New SqlConnection
con.ConnectionString = constr
Dim cmd As New SqlCommand
cmd.Connection = con
cmd.CommandText = "SELECT ORDER_T.ORDER_ID, ORDER_T.CUSTOMER_ID,
ORDER_T.RECIPIENT, " &
    "ORDER_T.ORDER_DATE, ORDER_T.ORDER_STATUS, ORDER_T.PAYMENT_METHOD,
" &
    "ORDERLINE.ARTWORK_ID " &
    "FROM ORDER_T " &
    "LEFT JOIN ORDERLINE ON ORDER_T.ORDER_ID = ORDERLINE.ORDER_ID " &
    "WHERE CUSTOMER_ID = @CustomerId"

cmd.Parameters.AddWithValue("@CustomerId", Session_Cnic)
Dim dr As SqlDataReader
Try
    con.Open()
    dr = cmd.ExecuteReader
    If dr.HasRows Then
        Dim orders_grid As New GridView
        orders_grid.DataSource = dr
        orders_grid.DataBind()
        orders_grid.CellPadding = 8
        orders_grid.Style("margin") = "0 auto"
        orders_grid.Style("border") = "1px solid #ccc"
        orderscontainer.Controls.Add(orders_grid)
    Else
        message_box.InnerText = "No orders found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

Upcomingevents.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Upcomingevents.aspx.vb"
Inherits="Upcomingevents" %>

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Upcomming events</title>
    <link rel="stylesheet" type="text/css" href="./StyleSheet.css" />
<link rel="icon" type="image/png" href="logo_new.png" />
</head>
<body>
    <form id="form1" style="max-width:100%; width:60%" runat="server">
        <h2>Upcomming Events</h2>
        <div id="message_box" runat="server"></div>
        <div id="eventscontainer" runat="server">
            </div>
    </form>
</body>
</html>

```

Upcomingevents.aspx.vb

```

Imports System.Data.SqlClient
Imports System.Drawing

Partial Class Upcomingevents
    Inherits System.Web.UI.Page
    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("./Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("./Login.aspx")
        End If
        If Role <> "Customer" And Role <> "Artist" And Role <> "Employee" Then
            Response.Redirect("./Login.aspx")
        End If
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
        cmd.CommandText = "SELECT E.EVENT_NAME, E.START_DATE, E.END_DATE,
E.EVENT_LOCATION, (P.FIRST_NAME + ' ' + P.LAST_NAME) AS EVENT_EMPLOYEE FROM EVENT E
INNER JOIN PERSON P ON P.PERSON_ID = E.EMPLOYEE_ID WHERE E.START_DATE >= @Today"
        cmd.Parameters.AddWithValue("@Today", DateTime.Now)
        Dim dr As SqlDataReader
        Try
            con.Open()
            dr = cmd.ExecuteReader
            If dr.HasRows Then
                Dim event_grid As New GridView
                event_grid.DataSource = dr
                event_grid.DataBind()
            End If
        Catch ex As Exception
            Response.Redirect("./Error.aspx")
        End Try
    End Sub
End Class

```



```

        event_grid.Style("padding") = "10px"
        event_grid.Style("border") = "1px solid #ccc"
        event_grid.Style("margin") = "0 auto"

        event_grid.CellPadding = 8
        eventscontainer.Controls.Add(event_grid)
    Else
        message_box.InnerText = "No events found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

Gallery.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Gallery.aspx.vb"
Inherits="Gallery" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Art Gallery</title>
    <link href="GalleryStyleSheet.css" rel="stylesheet" />
    <link rel="icon" type="image/png" href="./logo_new.png" />
</head>
<body>
    <form id="form1" runat="server">
        <h2 id="gallery_heading" runat="server">Gallery </h2>
        <div class="gallery-container">
            <asp:Repeater ID="rptGallery" runat="server">
                <ItemTemplate>
                    <div class="art-card">
                        <img src='<%# "data:image/png;base64," &
Convert.ToBase64String(CType(Eval("IMAGE"), Byte())) %>' alt="Artwork" class="art-
image" />
                        <div class="art-info">
                            <h3><%# Eval("TITLE") %></h3>
                            <p><b>Category:</b> <%# Eval("CATEGORY") %></p>
                            <p><b>Status:</b> <%# Eval("STATUS") %></p>
                        </div>
                    </div>
                </ItemTemplate>
            </asp:Repeater>
        </div>
    </form>
</body>
</html>

```

Gallery.aspx.vb

```

Imports System.Data
Imports System.Data.SqlClient

```

```

Partial Class Gallery
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs)
        Handles Me.Load
            If Not IsPostBack Then
                LoadArtworkGallery()
            End If
        End Sub

    Private Sub LoadArtworkGallery()
        Dim constr As String = "Data Source=localhost; Initial
        Catalog=ARTVAULT_Testing; User ID=Hammad; Password=Hammad"
        Dim dt As New DataTable()

        Using con As New SqlConnection(constr)
            Dim cmd As New SqlCommand("SELECT IMAGE, TITLE, CATEGORY, STATUS FROM
ARTWORK", con)
            Dim da As New SqlDataAdapter(cmd)
            da.Fill(dt)
        End Using

        rptGallery.DataSource = dt
        rptGallery.DataBind()
    End Sub
End Class

```

Employee.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Employee.aspx.vb"
Inherits="Employee_Employee" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Employee Panel</title>
    <link rel="icon" type="image/png" href=" ../logo_new.png" />
    <link rel="stylesheet" type="text/css" href=" ../StyleSheet2.css" />
</head>
<body class="customer-body">
    <form id="form2" runat="server">
        <div id="form1" runat="server">
            
            <div class="navbar">
                <ul class="navbar-list">
                    <li class="navbar-list-items"><a class="link"
href=" ../Myinfo.aspx">My Information</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" ../Upcomingevents.aspx">Veiw Events</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" Myevents.aspx">My Events</a></li>
                </ul>
            </div>
        </div>
        <div class="greeting" id="greeting" runat="server">
            <h1 id="greeting_Name" runat="server"></h1>

```

```

        <p id="greeting_text" runat="server"></p>
    </div>

</form>
</body>
</html>

```

Employee.aspx.vb

```

Partial Class Employee_Employee
    Inherits System.Web.UI.Page

    Private Sub Employee_Employee_Load(sender As Object, e As EventArgs) Handles
Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        'space before Employee
        If Role <> "Employee" Then
            Response.Redirect("../Login.aspx")
        End If

        Dim First_Name As String = CType(Session("First_Name"), String)
        Dim Last_Name As String = CType(Session("Last_Name"), String)
        Dim greeting_string As String = "Hi " & First_Name & " " & Last_Name & " !"
        greeting_Name.InnerText = greeting_string
        greeting_text.InnerText = "Welcome to the ArtVault Employee Panel – where
your dedication brings every masterpiece to life."
    End Sub
End Class

```

Myevents.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Myevents.aspx.vb"
Inherits="Employee_Myevents" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Events</title>
    <link rel="stylesheet" type="text/css" href="../StyleSheet.css" />
    <link rel="icon" type="image/png" href="../logo_new.png" />
</head>
<body>
    <form id="form1" style="max-width:100%; width:60%" runat="server">
        <h2>My Events Information</h2>
    </form>
</body>
</html>

```

```

<div id="message_box" runat="server"></div>
<div id="myeventscontainer" runat="server">
</div>
</form>
</body>
</html>

```

Myevents.aspx.vb

```
Imports System.Data.SqlClient
```

```
Partial Class Employee_Myevents
    Inherits System.Web.UI.Page
```

```

    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Employee" Then
            Response.Redirect("../Login.aspx")
        End If
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
        cmd.CommandText = "SELECT E.EVENT_NAME, E.START_DATE, E.END_DATE,
E.EVENT_LOCATION, (P.FIRST_NAME + ' ' + P.LAST_NAME) AS EVENT_EMPLOYEE FROM EVENT E
INNER JOIN PERSON P ON P.PERSON_ID = E.EMPLOYEE_ID WHERE E.START_DATE >= @Today AND
EMPLOYEE_ID = @session_id"
        cmd.Parameters.AddWithValue("@Today", DateTime.Now)
        cmd.Parameters.AddWithValue("@session_id", Session_Cnic)
        Dim dr As SqlDataReader
        Try
            con.Open()
            dr = cmd.ExecuteReader
            If dr.HasRows Then
                Dim myevent_grid As New GridView
                myevent_grid.DataSource = dr
                myevent_grid.DataBind()
                myevent_grid.Style("padding") = "10px"
                myevent_grid.Style("border") = "1px solid #ccc"
                myevent_grid.Style("margin") = "0 auto"

                myevent_grid.CellPadding = 8
                myeventscontainer.Controls.Add(myevent_grid)
            Else

```

```

        message_box.InnerText = "No events found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

Artist.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Artist.aspx.vb"
Inherits="Artist_Artist" %>

```

```

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Artist panel</title>
    <link rel="icon" type="image/png" href=" ../logo_new.png" />
    <link rel="stylesheet" type="text/css" href=" ../StyleSheet2.css" />
</head>
<body class="customer-body">
    <form id="form2" runat="server">
        <div id="form1" runat="server">
            
            <div class="navbar">
                <ul class="navbar-list">
                    <li class="navbar-list-items"><a class="link"
href=" ../Myinfo.aspx">My Information</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" ../Registerartwork.aspx">Register Artwork</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" ../Myartwork.aspx">My Artworks</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" ../Upcomingevents.aspx">Veiw Events</a></li>
                </ul>
            </div>
            <div class="greeting" id="greeting" runat="server">
                <h1 id="greeting_Name" runat="server"></h1>

                <p id="greeting_text" runat="server"></p>
            </div>

        </form>
    </body>
</html>

```

Artist.aspx.vb

```

Partial Class Artist_Artist
    Inherits System.Web.UI.Page
    Private Sub form1_Load(sender As Object, e As EventArgs) Handles form1.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Role As String = CType(Session("Role"), String)

        If Authenticated = False Then

```

```

        Response.Redirect("../Login.aspx")
    End If
    If Role Is Nothing Then
        Response.Redirect("../Login.aspx")
    End If
    If Role <> "Artist" Then
        Response.Redirect("../Login.aspx")
    End If

    Dim First_Name As String = CType(Session("First_Name"), String)
    Dim Last_Name As String = CType(Session("Last_Name"), String)
    Dim greeting_string As String = "Hi " & First_Name & " " & Last_Name & " !"
    greeting_Name.InnerText = greeting_string
    greeting_text.InnerText = "Welcome to the ArtVault Artist Panel - where your
creativity becomes timeless and your art finds its audience."
    End Sub
End Class

```

Myartwork.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Myartwork.aspx.vb"
Inherits="Artist_Myartwork" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Artworks</title>
    <link rel="stylesheet" type="text/css" href="../StyleSheet.css" />
    <link rel="icon" type="image/png" href="../logo_new.png" />
</head>
<body>
    <form id="form1" style="max-width:100%; width:60%" runat="server">
        <h2>My Artworks Information</h2>
        <div id="message_box" runat="server"></div>
        <div id="artworkscontainer" runat="server">
            </div>
        </form>
    </body>
</html>

```

Myartwork.aspx.vb

```

Imports System.Data.SqlClient

Partial Class Artist_Myartwork
    Inherits System.Web.UI.Page
    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
    End Sub
End Class

```

```

End If
If Role <> "Artist" Then
    Response.Redirect("../Login.aspx")
End If
Dim constr As String
constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
Dim con As New SqlConnection
con.ConnectionString = constr
Dim cmd As New SqlCommand
cmd.Connection = con
cmd.CommandText = "SELECT ARTWORK_ID, TITLE, CATEGORY, STOCKED_DATE, STATUS
FROM ARTWORK WHERE ARTIST_ID = @session_id"
cmd.Parameters.AddWithValue("@session_id", Session_Cnic)
Dim dr As SqlDataReader
Try
    con.Open()
    dr = cmd.ExecuteReader
    If dr.HasRows Then
        Dim event_grid As New GridView
        event_grid.DataSource = dr
        event_grid.DataBind()
        event_grid.Style("padding") = "10px"
        event_grid.Style("border") = "1px solid #ccc"
        event_grid.Style("margin") = "0 auto"

        event_grid.CellPadding = 8
        artworkscontainer.Controls.Add(event_grid)
    Else
        message_box.InnerText = "No events found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

Myinfo.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Myinfo.aspx.vb"
Inherits="Myinfo" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>My Information</title>
    <link rel="icon" type="image/png" href="../logo_new.png" />
    <link rel="stylesheet" type="text/css" href="../StyleSheet.css" />
</head>
<body>
    
    <form id="form1" runat="server">

        <div id="message_box" runat="server"></div>
    </form>
</body>
</html>

```

```

<h2>My Information</h2>

<div id="grid_container" class="grid-container" runat="server">
  <div runat="server">
    <label for="person_id">CNIC:</label>
    <input id="person_id" type="text" placeholder="e.g., 12345-1234567-1" class="form-control" runat="server" required="required"/>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ControlToValidate="person_id" ErrorMessage="CNIC is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="Invalid CNIC format." Display="Dynamic"
ForeColor="Red" ValidationExpression="\d{5}-\d{7}-\d{1}"></asp:RegularExpressionValidator>

  </div>

  <div runat="server">
    <label for="first_name">First Name:</label>
    <input id="first_name" type="text" class="form-control"
runat="server" required="required" />
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ControlToValidate="first_name"
ErrorMessage="First Name is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

  </div>

  <div runat="server">
    <label for="last_name">Last Name:</label>
    <input id="last_name" type="text" class="form-control"
runat="server" />
    <asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ControlToValidate="last_name" ErrorMessage="Last Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

  </div>

  <div runat="server">
    <label for="email">Email:</label>
    <input id="email" type="text" class="form-control" runat="server"
required="required"/>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="email" ErrorMessage="Email is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
    <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
ControlToValidate="email" ErrorMessage="Invalid email formate." Display="Dynamic"
ForeColor="Red"
ValidationExpression="\S+@\S+\.\S+"></asp:RegularExpressionValidator>

  </div>

  <div runat="server">
    <label for="phone">Phone No:</label>
    <input id="phone" type="text" class="form-control" runat="server"
required="required" />

```



```

        <asp:RequiredFieldValidator ID="RequiredFieldValidator5"
runat="server" ControlToValidate="phone" ErrorMessage="Phone is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="gender">Gender:</label>
        <asp:DropDownList ID="gender" runat="server" class="form-control"
required="required">
            <asp:ListItem Value="M">M</asp:ListItem>
            <asp:ListItem Value="F">F</asp:ListItem>
            <asp:ListItem Value="O">O</asp:ListItem>
        </asp:DropDownList>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator12"
runat="server" ControlToValidate="gender" ErrorMessage="Gender is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="city">City:</label>
        <input id="city" type="text" class="form-control" runat="server"
required="required" />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ControlToValidate="city" ErrorMessage="city is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="state">State:</label>
        <input id="state" type="text" placeholder="e.g., CA" class="form-
control" runat="server" required="required" />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ControlToValidate="state" ErrorMessage="State is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="postal_code">Postal Code:</label>
        <input id="postal_code" type="text" class="form-control"
runat="server" required="required" />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator8"
runat="server" ControlToValidate="postal_code" ErrorMessage="Postal Code is
required." Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="country">Country:</label>
        <input id="country" type="text" class="form-control" runat="server"
required="required" />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator9"
runat="server" ControlToValidate="country" ErrorMessage="Country is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

```

```

        </div>
        <div runat="server">
            <label for="Style">Style:</label>
            <asp:DropDownList ID="Artist_style" runat="server" class="form-
control" required ="required" >
                <asp:ListItem Value="Selection" Selected="True"
Disabled="True">Choose Your Style</asp:ListItem>
                <asp:ListItem Value="Classical">Classical Art</asp:ListItem>
                <asp:ListItem Value=" Modern"> Modern Art</asp:ListItem>
                <asp:ListItem Value="Contemporary">Contemporary
Art</asp:ListItem>
                <asp:ListItem Value="Folk">Folk Art</asp:ListItem>
                <asp:ListItem Value="Mixed">Mixed Media Art</asp:ListItem>
                <asp:ListItem Value="New">New Media Art</asp:ListItem>
                <asp:ListItem Value="Realistic">Realistic Art</asp:ListItem>
                <asp:ListItem Value="Abstract">Abstract Art</asp:ListItem>

            </asp:DropDownList>
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator10" runat="server" ControlToValidate="Artist_style"
ErrorMessage="Artist_style is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

        </div>

        <div runat="server">
            <label for="role">Role_name:</label>
            <asp:DropDownList ID="Role_name" runat="server" class="form-control"
required ="required">
                <asp:ListItem Value="User" Selected="True"
Disabled="True">User</asp:ListItem>
                <asp:ListItem Value="Artist">Artist</asp:ListItem>
                <asp:ListItem Value=" Employee"> Employee</asp:ListItem>
                <asp:ListItem Value="Customer">Customer</asp:ListItem>
            </asp:DropDownList>
            <asp:RequiredFieldValidator
ID="RequiredFieldValidator11" runat="server" ControlToValidate="Role_name"
ErrorMessage="Role is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

        </div>

        <div runat="server">
            <label for="password">Password:</label>
            <input id="password" type="text" class="form-control" runat="server"
required="required" />
            <asp:RequiredFieldValidator ID="RequiredFieldValidator13"
runat="server" ControlToValidate="password" ErrorMessage="Password is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

        </div>
    </div>
    <div id="button_holder" class="submit-container" runat="server">
        <input id="edit" type="submit" value="Edit" runat="server" />
        <input id="update_btn" type="submit" value="Update" runat="server" />
    </div>
</form>
</body>

```

```
</html>
```

Myinfo.aspx.vb

```
Imports System.ComponentModel
Imports System.Data
Imports System.Data.SqlClient
Imports System.Web.UI.WebControls.Expressions

Partial Class Myinfo
    Inherits System.Web.UI.Page
    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Artist" Then
            Response.Redirect("../Login.aspx")
        End If

        If Me.IsPostBack = False Then

            Dim constr As String
            constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing;
User ID=Hammad; Password= Hammad"
            Dim con, con2 As New SqlConnection
            con.ConnectionString = constr
            Dim cmd, cmd2 As New SqlCommand
            cmd.Connection = con
            cmd.CommandText = "SELECT PERSON_ID, FIRST_NAME, LAST_NAME, EMAIL,
PHONE_NO, GENDER, CITY, STATE, POSTAL_CODE, COUNTRY, ROLE, PASSWORD " &
"FROM PERSON WHERE PERSON_ID = @PersonId AND PASSWORD = @Password"
            cmd.Parameters.AddWithValue("@PersonId", Session_Cnic)
            cmd.Parameters.AddWithValue("@Password", Session_Password)
            Dim dr As SqlDataReader
            Try
                con.Open()
                dr = cmd.ExecuteReader
                If dr.Read() Then
                    person_id.Value = dr("PERSON_ID").ToString()
                    first_name.Value = dr("FIRST_NAME").ToString()
                    last_name.Value = dr("LAST_NAME").ToString()
                    email.Value = dr("EMAIL").ToString()
                    phone.Value = dr("PHONE_NO").ToString()
                    gender.SelectedValue = dr("GENDER").ToString()
                    city.Value = dr("CITY").ToString()
                    state.Value = dr("STATE").ToString()
                    postal_code.Value = dr("POSTAL_CODE").ToString()
                    country.Value = dr("COUNTRY").ToString()
                End If
            Catch ex As Exception
            End Try
        End If
    End Sub
End Class
```

```

Role_name.SelectedValue = dr("ROLE").ToString()
password.Value = dr("PASSWORD").ToString()

con2.ConnectionString = constr
cmd2.Connection = con2
cmd2.CommandText = "SELECT STYLE FROM ARTIST WHERE ARTIST_ID
= '" + Session_Cnic + "'"
Dim dr2 As SqlDataReader
Try
    con2.Open()
    dr2 = cmd2.ExecuteReader
    If dr2.Read() Then
        Artist_style.SelectedValue = dr2("STYLE").ToString()
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
Finally
    con2.Close()
    cmd.Dispose()
End Try

End If

Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
Finally
    con.Close()
    cmd.Dispose()
End Try

person_id.Attributes.Add("readonly", "true")
first_name.Attributes.Add("readonly", "true")
last_name.Attributes.Add("readonly", "true")
email.Attributes.Add("readonly", "true")
phone.Attributes.Add("readonly", "true")
gender.Attributes.Add("disabled", "true")
city.Attributes.Add("readonly", "true")
state.Attributes.Add("readonly", "true")
postal_code.Attributes.Add("readonly", "true")
country.Attributes.Add("readonly", "true")
Role_name.Attributes.Add("disabled", "true")
Artist_style.Attributes.Add("disabled", "true")
password.Attributes.Add("readonly", "true")
End If
edit.Visible = True
update_btn.Visible = False

End Sub

Private Sub Edit_info(sender As Object, e As EventArgs) Handles edit.ServerClick

    first_name.Attributes.Remove("readonly")
    last_name.Attributes.Remove("readonly")
    email.Attributes.Remove("readonly")
    phone.Attributes.Remove("readonly")

```

```

city.Attributes.Remove("readonly")
state.Attributes.Remove("readonly")
postal_code.Attributes.Remove("readonly")
country.Attributes.Remove("readonly")
Artist_style.Attributes.Remove("disabled")
password.Attributes.Remove("readonly")

```

```

'edit.Style.Add("display", "none")
edit.Visible = False
update_btn.Visible = True

```

End Sub

```

Private Sub Update(Sender As Object, e As EventArgs) Handles
update_btn.ServerClick
    'handle the update logic here
    Dim Session_Cnic As String = CType(Session("Cnic"), String)
    Dim is_error As Boolean = False
    Dim constr As String
    constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
    Dim con, con2, con3, con4 As New SqlConnection
    con.ConnectionString = constr
    con2.ConnectionString = constr
    con3.ConnectionString = constr
    con4.ConnectionString = constr
    Dim cmd As New SqlCommand
    cmd.Connection = con
    cmd.CommandText = "UPDATE PERSON SET FIRST_NAME=@FirstName,
LAST_NAME=@LastName, " &
        "EMAIL=@Email, PHONE_NO=@Phone, CITY=@City, STATE=@State, " &
        "POSTAL_CODE=@PostalCode, COUNTRY=@Country, PASSWORD=@Password " &
        "WHERE PERSON_ID = @PersonId"

    cmd.Parameters.AddWithValue("@FirstName", first_name.Value)
    cmd.Parameters.AddWithValue("@LastName", last_name.Value)
    cmd.Parameters.AddWithValue("@Email", email.Value)
    cmd.Parameters.AddWithValue("@Phone", phone.Value)
    cmd.Parameters.AddWithValue("@City", city.Value)
    cmd.Parameters.AddWithValue("@State", state.Value)
    cmd.Parameters.AddWithValue("@PostalCode", postal_code.Value)
    cmd.Parameters.AddWithValue("@Country", country.Value)
    cmd.Parameters.AddWithValue("@Password", password.Value)
    cmd.Parameters.AddWithValue("@PersonId", Session_Cnic)
    Try
        con.Open()
        Dim insert As Integer = cmd.ExecuteNonQuery()
        If insert > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Updated Successfully"
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
        is_error = True
    Finally
        Dim cmd2, cmd3, cmd4 As New SqlCommand

```

```

cmd2.CommandText = "Select STYLE FROM ARTIST WHERE ARTIST_ID = '"
cmd2.CommandText &= Session_Cnic & "'"
Dim dr2 As SqlDataReader
Try
    con2.Open()
    cmd2.Connection = con2
    dr2 = cmd2.ExecuteReader
    If dr2.Read() Then
        Dim style As String = dr2("STYLE").ToString()
        If style <> Artist_style.Selected.Value Then
            cmd3.CommandText = "UPDATE ARTIST SET STYLE='" &
Artist_style.Selected.Value & "' WHERE PERSON_ID = '"
            cmd3.CommandText &= Session_Cnic & "'"
            con3.Open()
            cmd3.Connection = con3
            Dim insert_C As Integer = cmd3.ExecuteNonQuery()
            If insert_C > 0 Then
                message_box.Style.Add("opacity", "1")
                message_box.InnerText = "Record Updated Successfully"
            End If
        End If
    Else
        cmd4.CommandText = "INSERT INTO ARTIST (ARTIST_ID, STYLE) VALUES
('"

        cmd4.CommandText &= Session_Cnic & "', '"
        cmd4.CommandText &= Artist_style.Selected.Value & "'"
        con4.Open()
        cmd4.Connection = con4
        Dim insert_C As Integer = cmd4.ExecuteNonQuery()
        If insert_C > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Updated Successfully"
        End If
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
Finally
    con.Close()
    con2.Close()
    con3.Close()
    con4.Close()
    cmd.Dispose()
    cmd2.Dispose()
    cmd3.Dispose()
    cmd4.Dispose()
End Try
con.Close()
cmd.Dispose()
End Try
If is_error = False Then
    Session("Password") = password.Value
    Response.Redirect("Myinfo.aspx")
End If
End Sub

End Class

```

Registerartwork.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Registerartwork.aspx.vb"
Inherits="Artist_Registerartwork" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Register Artwork</title>
    <link rel="icon" type="image/png" href="../logo_new.png" />
    <link rel="stylesheet" type="text/css" href="../StyleSheet.css" />
</head>
<body>
    
    <form id="form1" runat="server">

        <div id="message_box" runat="server"></div>

        <h2>Register New Artwork</h2>

        <div id="grid_container" class="grid-container" runat="server">
            <div runat="server">
                <label for="Artwork_id">Artwork ID:</label>
                <input id="Artwork_id" type="text" class="form-control"
placeholder="ART-001" runat="server" required="required" pattern="ART-\d+" />

                <asp:RequiredFieldValidator ID="rfvArtworkId" runat="server"
ControlToValidate="Artwork_id"
ErrorMessage="Artwork ID is required."
Display="Dynamic"
ForeColor="Red">
            </asp:RequiredFieldValidator>
            <asp:RegularExpressionValidator ID="revArtworkId" runat="server"
ControlToValidate="Artwork_id"
ErrorMessage="Artwork ID must be in format ART- followed by
numbers (e.g., ART-001)."
Display="Dynamic"
ForeColor="Red"
ValidationExpression="^ART-\d+$">
            </asp:RegularExpressionValidator>
        </div>

        <div runat="server">
            <label for="title">Title:</label>
            <input id="title" type="text" class="form-control" runat="server"
required="required" />
            <asp:RequiredFieldValidator ID="rfvTitle" runat="server"
ControlToValidate="title"
ErrorMessage="Title is required."
Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
        </div>

        <div runat="server">
            <label for="Category">Category:</label>
            <input id="Category" type="text" class="form-control" runat="server"
required="required" />
            <asp:RequiredFieldValidator ID="rfvCategory" runat="server"

```

```

        ControlToValidate="Category"
        ErrorMessage="Category is required."
        Display="Dynamic" >
        ForeColor="Red"</asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="Status">Status:</label>
        <input id="Status" type="text" class="form-control" runat="server"
/>

        <asp:RequiredFieldValidator ID="rfvStatus" runat="server"
        ControlToValidate="Status"
        ErrorMessage="Status is required."
        Display="Dynamic"
        ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="Stocked_Date">Stocked Date:</label>
        <input id="Stocked_Date" type="date" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator ID="rfvStockedDate" runat="server"
        ControlToValidate="Stocked_Date"
        ErrorMessage="Stocked Date is required."
        Display="Dynamic"
        ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div>
        <asp:Label ID="lblImage" runat="server" Text="Artwork Image: "
Style="font-weight: bold" />
        <asp:FileUpload ID="fileUploadImage" runat="server" /><br />
        <br />
        <asp:RequiredFieldValidator ID="rfvImage" runat="server"
        ControlToValidate="fileUploadImage"
        ErrorMessage="Please upload an image."
        Display="Dynamic"
        ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="price">Price:</label>
        <input id="price" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator ID="rfvPrice" runat="server"
        ControlToValidate="price"
        ErrorMessage="Price is required."
        Display="Dynamic"
        ForeColor="Red"></asp:RequiredFieldValidator>
    </div>

    <div runat="server">
        <label for="effective_date">Effective Date:</label>
        <input id="effective_date" type="date" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator ID="rfvEffectiveDate" runat="server"
        ControlToValidate="effective_date"
        ErrorMessage="Effective Date is required."
        Display="Dynamic"

```



```

        ForeColor="Red"></asp:RequiredFieldValidator>
    </div>
</div>
<div id="button_holder" class="submit-container" runat="server">
    <input id="Add_Artwork_btn" type="submit" value="Add Artwork"
runat="server" />
</div>
</form>
</body>
</html>

```

Registerartwork.aspx.vb

```

Imports System.Data
Imports System.Data.SqlClient
Imports System.IdentityModel.Protocols.WSTrust
Imports System.Security.Policy

Partial Class Artist_Registerartwork
    Inherits System.Web.UI.Page
    Private Sub Register(sender As Object, e As EventArgs) Handles
Add_Artwork_btn.ServerClick

        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        Dim is_error As Boolean = False

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Artist" Then
            Response.Redirect("../Login.aspx")
        End If

        Try
            Dim imageData As Byte() = Nothing
            If fileUploadImage.HasFile Then
                imageData = fileUploadImage.FileBytes
            End If

            Dim constr As String
            constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing;
User ID=Hammad; Password= Hammad"
            Dim con As New SqlConnection
            con.ConnectionString = constr
            Dim cmd As New SqlCommand
            cmd.Connection = con
            cmd.CommandText = "INSERT INTO ARTWORK (ARTWORK_ID, TITLE, CATEGORY,
ARTIST_ID, STOCKED_DATE, STATUS, IMAGE) VALUES (@artworkId, @title, @category,
@artistId, @stockedDate, @status, @image)"
            cmd.Parameters.AddWithValue("@artworkId", Artwork_id.Value)

```

```

cmd.Parameters.AddWithValue("@title", title.Value)
cmd.Parameters.AddWithValue("@category", Category.Value)
cmd.Parameters.AddWithValue("@artistId", Session_Cnic)
cmd.Parameters.AddWithValue("@stockedDate",
DateTime.Parse(Stocked_Date.Value))
cmd.Parameters.AddWithValue("@status", Status.Value)
cmd.Parameters.AddWithValue("@image", If(imageData IsNot Nothing,
CType(imageData, Object), DBNull.Value))
Try
    con.Open()
    Dim insert As Integer = cmd.ExecuteNonQuery()
    If insert > 0 Then
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Record Inserted Successfully"
    Else
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = insert + " Record Inserted"
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    Dim cmd4 As New SqlCommand
    Dim con4 As New SqlConnection
    con4.ConnectionString = constr
    cmd4.CommandText = "INSERT INTO ARTWORK_PRICE (ARTWORK_ID, PRICE,
EFFECTIVE_DATE) VALUES ('"
    cmd4.CommandText &= Artwork_id.Value & "', '"
    cmd4.CommandText &= price.Value + "', '"
    cmd4.CommandText &= DateTime.Parse(effective_date.Value) + "')"
    Try
        con4.Open()
        cmd4.Connection = con4
        Dim insert_C As Integer = cmd4.ExecuteNonQuery()
        If insert_C > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Updated Successfully"
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
    Finally
        con4.Close()
        cmd4.Dispose()
    End Try
    con.Close()
    cmd.Dispose()
End Try

message_box.InnerText = "Artwork registered successfully!"
Catch ex As Exception
message_box.InnerText = "Error: " & ex.Message
End Try

End Sub

```

End Class

Addevent.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Addevent.aspx.vb"
Inherits="Admin_Addevent" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Add an Event</title>
    <link rel="icon" type="image/png" href="../../logo_new.png" />
    <link rel="stylesheet" type="text/css" href="../../StyleSheet.css" />
</head>
<body>

    <form id="form1" runat="server">
        <div id="alleventsdata" class="submit-container" runat="server">
            <input id="allevents" type="submit" value="View All Event"
runat="server" />
        </div>
        <div id="message_box" runat="server"></div>

        <h2>Add Event</h2>

        <div class="grid-container">
            <div runat="server">
                <label for="Event_name">Event Name:</label>
                <input id="Event_name" type="text" placeholder="Timeless Strokes"
class="form-control" runat="server" causesvalidation="false" />
                <asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ControlToValidate="Event_name" ErrorMessage="Event name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

            </div>

            <div runat="server">
                <label for="start_date">Start Date:</label>
                <input id="start_date" type="date" class="form-control"
runat="server" />
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ControlToValidate="start_date"
ErrorMessage="Start Date is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

            </div>

            <div runat="server">
                <label for="end_date">End Date:</label>
                <input id="end_date" type="date" class="form-control" runat="server"
/>
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator3" runat="server" ControlToValidate="end_date"
```

```

ErrorMessage="End date is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="location">Location:</label>
    <input id="location" type="text" class="form-control" runat="server"
/>

<asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="location" ErrorMessage="Location is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server" id="employee_selection">
    <label for="event_head">Select Event Head:</label>
</div>
</div>

<div class="submit-container" runat="server">
    <input id="add" type="submit" value="Add Event" runat="server" />
</div>
</form>
</body>
</html>

```

Addevent.aspx.vb

```

Imports System.Data.SqlClient

Partial Class Admin_Addevent
    Inherits System.Web.UI.Page

    Private Sub Admin_Addevent_Load(sender As Object, e As EventArgs) Handles
Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Role As String = CType(Session("Role"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Admin" Then
            Response.Redirect("../Login.aspx")
        End If

        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand

```

```

cmd.Connection = con

cmd.CommandText = "SELECT * FROM PERSON WHERE ROLE = 'Employee'"
Dim dr As SqlDataReader
Try
    con.Open()
    dr = cmd.ExecuteReader
    Dim eventheadDropDown As New DropDownList()
    eventheadDropDown.ID = "event_head"
    eventheadDropDown.CssClass = "form-control"
    eventheadDropDown.Attributes.Add("required", "true")

    eventheadDropDown.Items.Add(New ListItem("Choose Event Head",
"Selection")) With {
        .Selected = True,
        .Enabled = False
    })

    While (dr.Read())
        Dim person_id As String = dr("PERSON_ID").ToString()
        Dim first_name As String = dr("FIRST_NAME").ToString()
        Dim last_name As String = dr("LAST_NAME").ToString()
        Dim full_name As String = first_name + " " + last_name
        eventheadDropDown.Items.Add(New ListItem(full_name, person_id))
    End While

    employee_selection.Controls.Add(eventheadDropDown)
    Dim validation As New RequiredFieldValidator()
    validation.ID = "event_head_validation"
    validation.ControlToValidate = eventheadDropDown.ID
    validation.ErrorMessage = "Please select an event head."
    validation.ForeColor = Drawing.Color.Red
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub

Private Sub Register(sender As Object, e As EventArgs) Handles add.ServerClick
    Dim is_error As Boolean = False
    Dim constr As String

    Dim startDateTime As DateTime = DateTime.Parse(start_date.Value)
    Dim endDateTime As DateTime = DateTime.Parse(end_date.Value)

    ' Validate: start date must be in the future
    If startDateTime <= DateTime.Now Then
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Start date must be in the future."
        Exit Sub
    End If

    ' Validate: end date must be after start date
    If endDateTime <= startDateTime Then
        message_box.Style.Add("opacity", "1")
    End If

```

```

        message_box.InnerText = "End date must be after start date."
    Exit Sub
End If

    constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
    Dim con As New SqlConnection
    con.ConnectionString = constr
    Dim cmd As New SqlCommand
    cmd.Connection = con
    cmd.CommandText = "INSERT INTO EVENT (EVENT_NAME, START_DATE, END_DATE,
EVENT_LOCATION, EMPLOYEE_ID) VALUES (@eventName, @startDate, @endDate,
@eventLocation, @employeeId)"

    cmd.Parameters.AddWithValue("@eventName", Event_name.Value)
    cmd.Parameters.AddWithValue("@startDate", startDateTime)
    cmd.Parameters.AddWithValue("@endDate", endDateTime)
    cmd.Parameters.AddWithValue("@eventLocation", location.Value)
    Dim eventheadDropDown As DropDownList =
CType(employee_selection.FindControl("event_head"), DropDownList)
    Dim even As ListItem = eventheadDropDown.SelectedItem
    cmd.Parameters.AddWithValue("@employeeId", even.Value)
    Try
        con.Open()
        Dim insert As Integer = cmd.ExecuteNonQuery()
        If insert > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Inserted Successfully"
        Else
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = insert + " Record Inserted"
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
        is_error = True
    Finally
        con.Close()
        cmd.Dispose()
        If is_error = False Then
            Response.Redirect("Admin.aspx")
        End If
    End Try

End Sub

Private Sub displayAllevntsdata(sender As Object, e As EventArgs) Handles
allevnts.ServerClick
    Response.Redirect("allevnts.aspx")
End Sub
End Class

```

Admin.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Admin.aspx.vb"
Inherits="Admin_Admin" %>

<!DOCTYPE html>

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Admin panel</title>
    <link rel="icon" type="image/png" href=" ../logo_new.png" />
    <link rel="stylesheet" type="text/css" href=" ../StyleSheet2.css" />
</head>
<body class="customer-body">
    <form id="form2" runat="server">
        <div id="form1" runat="server">
            
            <div class="navbar">
                <ul class="navbar-list">
                    <li class="navbar-list-items"><a class="link"
href="RegisterEmployee.aspx">Add Employees</a></li>
                    <li class="navbar-list-items"><a class="link"
href=" ../Addevent.aspx">Add Events Data</a></li>
                    <li class="navbar-list-items"><a class="link"
href="VeiwOrders.aspx">Veiw Orders</a></li>
                    <li class="navbar-list-items glow-link"><a class="link"
href=" ../Gallery.aspx"><span class="gallery">Veiw Gallery</span></a></li>
                </ul>
            </div>
            <div class="greeting" id="greeting" runat="server">
                <h1 id="greeting_Name" runat="server"></h1>

                <p id="greeting_text" runat="server"></p>
            </div>

        </form>
    </body>
</html>

```

Admin.aspx.vb

Partial Class Admin_Admin

Inherits System.Web.UI.Page

```

Private Sub form1_Load(sender As Object, e As EventArgs) Handles form1.Load
    Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
    Dim Role As String = CType(Session("Role"), String)

    If Authenticated = False Then
        Response.Redirect("../Login.aspx")
    End If
    If Role Is Nothing Then
        Response.Redirect("../Login.aspx")
    End If
    If Role <> "Admin" Then
        Response.Redirect("../Login.aspx")
    End If

    Dim First_Name As String = CType(Session("First_Name"), String)
    Dim Last_Name As String = CType(Session("Last_Name"), String)
    Dim greeting_string As String = "Hi " & First_Name & " " & Last_Name & " !"
    greeting_Name.InnerText = greeting_string
    greeting_text.InnerText = "Welcome to the ArtVault Admin Panel - where you
manage the masterpieces that inspire the world."

```

```
End Sub
End Class
```

allevents.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="allevents.aspx.vb"
Inherits="allevents" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>All events</title>
    <link rel="stylesheet" type="text/css" href=" ../StyleSheet.css" />
    <link rel="icon" type="image/png" href=" ../logo_new.png" />
</head>
<body>
    <form id="form1" style="max-width: 100%; width: 60%" runat="server">
        <h2>All Events</h2>
        <div id="message_box" runat="server"></div>
        <div id="eventscontainer" runat="server">
            </div>
        </form>
    </body>
</html>
```

allevents.aspx.vb

```
Imports System.Data.SqlClient
Imports System.Drawing

Partial Class allevents
    Inherits System.Web.UI.Page

    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Admin" Then
            Response.Redirect("../Login.aspx")
        End If
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
```



```

cmd.CommandText = "SELECT E.EVENT_NAME, E.START_DATE, E.END_DATE,
E.EVENT_LOCATION, (P.FIRST_NAME + ' ' + P.LAST_NAME) AS EVENT_EMPLOYEE FROM EVENT E
INNER JOIN PERSON P ON P.PERSON_ID = E.EMPLOYEE_ID"
Dim dr As SqlDataReader
Try
    con.Open()
    dr = cmd.ExecuteReader
    If dr.HasRows Then
        Dim event_grid As New GridView
        event_grid.DataSource = dr
        event_grid.DataBind()
        event_grid.Style("padding") = "10px"
        event_grid.Style("border") = "1px solid #ccc"
        event_grid.Style("margin") = "0 auto"

        event_grid.CellPadding = 8
        eventscontainer.Controls.Add(event_grid)
    Else
        message_box.InnerText = "No events found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

RegisterEmployee.aspx

```

<%@ Page Language="VB" AutoEventWireup="false" CodeFile="RegisterEmployee.aspx.vb"
Inherits="Admin_RegisterEmployee" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Register a Employee</title>
    <link rel="icon" type="image/png" href=" ../logo_new.png" />
    <link rel="stylesheet" type="text/css" href=" ../StyleSheet.css" />
</head>
<body>
    

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

        <div id="message_box" runat="server"></div>

        <h2>Register a Employee</h2>

        <div class="grid-container">
            <div runat="server">
                <label for="person_id">CNIC:</label>
                <input id="person_id" type="text" placeholder="e.g., 12345-1234567-
1" class="form-control" runat="server" required />

```

```

        <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="CNIC is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
        <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="person_id" ErrorMessage="Invalid CNIC format." Display="Dynamic"
ForeColor="Red" ValidationExpression="\d{5}-\d{7}-
\d{1}"></asp:RegularExpressionValidator>

    </div>

    <div runat="server">
        <label for="first_name">First Name:</label>
        <input id="first_name" type="text" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ControlToValidate="first_name" ErrorMessage="First Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="last_name">Last Name:</label>
        <input id="last_name" type="text" class="form-control"
runat="server" />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ControlToValidate="last_name" ErrorMessage="Last Name is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="email">Email:</label>
        <input id="email" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="email" ErrorMessage="Email is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>
        <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
ControlToValidate="email" ErrorMessage="Invalid email formate." Display="Dynamic"
ForeColor="Red"
ValidationExpression="\S+@\S+\.\S+"></asp:RegularExpressionValidator>

    </div>

    <div runat="server">
        <label for="phone">Phone No:</label>
        <input id="phone" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator ID="RequiredFieldValidator5"
runat="server" ControlToValidate="phone" ErrorMessage="Phone is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="gender">Gender:</label>
        <select id="gender" class="form-control" runat="server" required>
            <option value="M">M</option>

```

```

        <option value="F">F</option>
        <option value="0">0</option>
    </select>
    <asp:RequiredFieldValidator
ID="RequiredFieldValidator12" runat="server" ControlToValidate="gender"
ErrorMessage="Gender is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="city">City:</label>
    <input id="city" type="text" class="form-control" runat="server"
required />
    <asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ControlToValidate="city" ErrorMessage="city is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="state">State:</label>
    <input id="state" type="text" placeholder="e.g., CA" class="form-
control" runat="server" required />
    <asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ControlToValidate="state" ErrorMessage="State is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="postal_code">Postal Code:</label>
    <input id="postal_code" type="text" class="form-control"
runat="server" required />
    <asp:RequiredFieldValidator ID="RequiredFieldValidator8"
runat="server" ControlToValidate="postal_code" ErrorMessage="Postal Code is
required." Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="country">Country:</label>
    <input id="country" type="text" class="form-control" runat="server"
required />
    <asp:RequiredFieldValidator ID="RequiredFieldValidator9"
runat="server" ControlToValidate="country" ErrorMessage="Country is required."
Display="Dynamic" ForeColor="Red"></asp:RequiredFieldValidator>

</div>

<div runat="server">
    <label for="role">Role:</label>
    <select id="role" class="form-control" runat="server" required>
        <option value="Manager">Manager</option>
        <option value="Salesperson">Salesperson</option>
        <option value="Support Staff">Support Staff </option>
        <option value="Curator">Curator</option>
    </select>

```

```

        </select>
        <asp:RequiredFieldValidator
ID="RequiredFieldValidator10" runat="server" ControlToValidate="role"
ErrorMessage="Role is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="status">Status:</label>
        <select id="status" class="form-control" runat="server" required>
            <option value="Active">Active</option>
            <option value="Passive">Passive </option>
        </select>
        <asp:RequiredFieldValidator
ID="RequiredFieldValidator11" runat="server" ControlToValidate="status"
ErrorMessage="Status is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="salary">Salary:</label>
        <input id="salary" type="text" class="form-control" runat="server"
required />
        <asp:RequiredFieldValidator
ID="RequiredFieldValidator14" runat="server" ControlToValidate="salary"
ErrorMessage="Password is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

    </div>

    <div runat="server">
        <label for="password">Password:</label>
        <input id="password" type="password" class="form-control"
runat="server" required />
        <asp:RequiredFieldValidator
ID="RequiredFieldValidator13" runat="server" ControlToValidate="password"
ErrorMessage="Password is required." Display="Dynamic"
ForeColor="Red"></asp:RequiredFieldValidator>

    </div>
</div>

<div class="submit-container" runat="server">
    <input id="add" type="submit" value="Submit" runat="server" />
</div>
</form>
</body>
</html>

```

RegisterEmployee.aspx.vb

```
Imports System.Data.SqlClient
```

```
Partial Class Admin_RegisterEmployee
    Inherits System.Web.UI.Page
    Dim is_error As Boolean = False

```

```

Private Sub Register(sender As Object, e As EventArgs) Handles add.ServerClick
    Dim constr As String
    constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
    Dim con As New SqlConnection
    con.ConnectionString = constr
    Dim cmd As New SqlCommand
    cmd.Connection = con
    cmd.CommandText = "INSERT INTO PERSON (PERSON_ID, FIRST_NAME, LAST_NAME,
EMAIL, PHONE_NO, GENDER, CITY, STATE, POSTAL_CODE, COUNTRY, ROLE, PASSWORD) "
    cmd.CommandText &= "VALUES ('" + person_id.Value + "', '"
    cmd.CommandText &= first_name.Value + "', '"
    cmd.CommandText &= last_name.Value + "', '"
    cmd.CommandText &= email.Value + "', '"
    cmd.CommandText &= phone.Value + "', '"
    cmd.CommandText &= gender.Value + "', '"
    cmd.CommandText &= city.Value + "', '"
    cmd.CommandText &= state.Value + "', '"
    cmd.CommandText &= postal_code.Value + "', '"
    cmd.CommandText &= country.Value + "', 'Employee"
    cmd.CommandText &= "', '"
    cmd.CommandText &= password.Value + "')"
    Try
        con.Open()
        Dim insert As Integer = cmd.ExecuteNonQuery()
        If insert > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Inserted Successfully"
        Else
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = insert + " Record Inserted"
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
        is_error = True
    Finally
        Dim con2 As New SqlConnection
        con2.ConnectionString = constr
        Dim cmd2 As New SqlCommand
        cmd2.Connection = con2
        cmd2.CommandText = "INSERT INTO EMPLOYEE (EMPLOYEE_ID, ROLE, SALARY,
STATUS, JOINING_DATE) " &
            "VALUES (@employeeId, @role, @salary, @status, @joiningDate)"

        cmd2.Parameters.AddWithValue("@employeeId", person_id.Value)
        cmd2.Parameters.AddWithValue("@role", role.SelectedIndex.ToString())
        cmd2.Parameters.AddWithValue("@salary",
CType(Convert.ToDecimal(salary.Value), Decimal))
        cmd2.Parameters.AddWithValue("@status", status.SelectedIndex.ToString())
        cmd2.Parameters.AddWithValue("@joiningDate",
DateTime.Now.ToString("yyyy-MM-dd"))

        Try
            con2.Open()
            Dim insert2 As Integer = cmd2.ExecuteNonQuery()
            If insert2 > 0 Then
                message_box.Style.Add("opacity", "1")
            End If
        End Try
    End Try
End Sub

```

```

        message_box.InnerText = "Record Inserted Successfully"
    Else
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = insert2 + " Record Inserted"
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    con2.Close()
    cmd2.Dispose()
End Try

con.Close()
cmd.Dispose()
If is_error = False Then
    Response.Redirect("Admin.aspx")
End If
End Try

End Sub

Private Sub form1_Load(sender As Object, e As EventArgs) Handles form1.Load
    Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
    Dim Role As String = CType(Session("Role"), String)

    If Authenticated = False Then
        Response.Redirect("../Login.aspx")
    End If
    If Role Is Nothing Then
        Response.Redirect("../Login.aspx")
    End If
    If Role <> "Admin" Then
        Response.Redirect("../Login.aspx")
    End If
End Sub
End Class

```

VeiwOrders.aspx

```

Imports System.Data.SqlClient

Partial Class Admin_RegisterEmployee
    Inherits System.Web.UI.Page
    Dim is_error As Boolean = False
    Private Sub Register(sender As Object, e As EventArgs) Handles add.ServerClick
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
        cmd.CommandText = "INSERT INTO PERSON (PERSON_ID, FIRST_NAME, LAST_NAME,
EMAIL, PHONE_NO, GENDER, CITY, STATE, POSTAL_CODE, COUNTRY, ROLE, PASSWORD) "
        cmd.CommandText &= "VALUES ('" + person_id.Value + "', '"
        cmd.CommandText &= first_name.Value + "', '"

```

```

cmd.CommandText &= last_name.Value + "',''"
cmd.CommandText &= email.Value + "',''"
cmd.CommandText &= phone.Value + "',''"
cmd.CommandText &= gender.Value + "',''"
cmd.CommandText &= city.Value + "',''"
cmd.CommandText &= state.Value + "',''"
cmd.CommandText &= postal_code.Value + "',''"
cmd.CommandText &= country.Value + "','Employee"
cmd.CommandText &= "',''"
cmd.CommandText &= password.Value + "')'"
Try
    con.Open()
    Dim insert As Integer = cmd.ExecuteNonQuery()
    If insert > 0 Then
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = "Record Inserted Successfully"
    Else
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = insert + " Record Inserted"
    End If
Catch ex As Exception
    message_box.Style.Add("opacity", "1")
    message_box.InnerText = ex.Message
    is_error = True
Finally
    Dim con2 As New SqlConnection
    con2.ConnectionString = constr
    Dim cmd2 As New SqlCommand
    cmd2.Connection = con2
    cmd2.CommandText = "INSERT INTO EMPLOYEE (EMPLOYEE_ID, ROLE, SALARY,
STATUS, JOINING_DATE) " &
        "VALUES (@employeeId, @role, @salary, @status, @joiningDate)"

    cmd2.Parameters.AddWithValue("@employeeId", person_id.Value)
    cmd2.Parameters.AddWithValue("@role", role.SelectedIndex.ToString())
    cmd2.Parameters.AddWithValue("@salary",
CType(Convert.ToDecimal(salary.Value), Decimal))
    cmd2.Parameters.AddWithValue("@status", status.SelectedIndex.ToString())
    cmd2.Parameters.AddWithValue("@joiningDate",
DateTime.Now.ToString("yyyy-MM-dd"))

    Try
        con2.Open()
        Dim insert2 As Integer = cmd2.ExecuteNonQuery()
        If insert2 > 0 Then
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = "Record Inserted Successfully"
        Else
            message_box.Style.Add("opacity", "1")
            message_box.InnerText = insert2 + " Record Inserted"
        End If
    Catch ex As Exception
        message_box.Style.Add("opacity", "1")
        message_box.InnerText = ex.Message
        is_error = True
    Finally
        con2.Close()
        cmd2.Dispose()

```

```

        End Try

        con.Close()
        cmd.Dispose()
        If is_error = False Then
            Response.Redirect("Admin.aspx")
        End If
    End Try

End Sub

Private Sub form1_Load(sender As Object, e As EventArgs) Handles form1.Load
    Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
    Dim Role As String = CType(Session("Role"), String)

    If Authenticated = False Then
        Response.Redirect("../Login.aspx")
    End If
    If Role Is Nothing Then
        Response.Redirect("../Login.aspx")
    End If
    If Role <> "Admin" Then
        Response.Redirect("../Login.aspx")
    End If
End Sub
End Class

```

VeiwOrders.aspx.vb

```

Imports System.Data.SqlClient

Partial Class Admin_VeiwOrders
    Inherits System.Web.UI.Page
    Private Sub Myinfo_Load(sender As Object, e As EventArgs) Handles Me.Load
        Dim Authenticated As Boolean = CType(Session("Authenticated"), Boolean)
        Dim Session_Cnic As String = CType(Session("Cnic"), String)
        Dim Role As String = CType(Session("Role"), String)

        Dim Session_Password As String = CType(Session("Password"), String)

        If Authenticated = False Then
            Response.Redirect("../Login.aspx")
        End If
        If Role Is Nothing Then
            Response.Redirect("../Login.aspx")
        End If
        If Role <> "Admin" Then
            Response.Redirect("../Login.aspx")
        End If
        Dim constr As String
        constr = "Data Source= localhost; Initial Catalog= ARTVAULT_Testing; User
ID=Hammad; Password= Hammad"
        Dim con As New SqlConnection
        con.ConnectionString = constr
        Dim cmd As New SqlCommand
        cmd.Connection = con
    End Sub
End Class

```



```

cmd.CommandText = "SELECT ORDER_T.ORDER_ID, ORDER_T.CUSTOMER_ID,
ORDER_T.RECIPIENT, ORDER_T.ORDER_DATE, ORDER_T.ORDER_STATUS, ORDER_T.PAYMENT_METHOD,
ORDERLINE.ARTWORK_ID FROM ORDER_T LEFT JOIN ORDERLINE ON ORDER_T.ORDER_ID =
ORDERLINE.ORDER_ID"
Dim dr As SqlDataReader
Try
    con.Open()
    dr = cmd.ExecuteReader
    If dr.HasRows Then
        Dim orders_grid As New GridView
        orders_grid.DataSource = dr
        orders_grid.DataBind()
        orders_grid.CellPadding = 8
        orders_grid.Style("border") = "1px solid #ccc"
        orders_grid.Style("margin") = "0 auto"
        orderscontainer.Controls.Add(orders_grid)
    Else
        message_box.InnerText = "No orders found."
        message_box.Style("opacity") = "1"
    End If
Finally
    con.Close()
    cmd.Dispose()
End Try
End Sub
End Class

```

Task 6: To host the application on a web domain.

- Database can be on local machines.
- Or a web hosting platform

<http://www.hammadtahir.somee.com/ArtVault/Login.aspx>

Task 7: Testing of web application

ARTVAULT

Login

CNIC:
e.g., 12345-1234567-1

Password:


Login

Don't have an account? [Register Here](#)


Customer -> CNIC : 33102-7125684-3 , password : 1235
Admin -> CNIC : 33102-7125686-5 , password : 12345
Employee -> CNIC : 33102-7125623-3 , password : 1234
Artist -> CNIC : 33102-7126686-9 , password : 1234567

Note: Loading the gallery may take some time due to image processing.

Warning: Please limit your visits to Gallery.aspx (View Gallery) because:
Due to our free hosting plan (somee.com) having bandwidth limitations, please be mindful when accessing the Gallery. Images load directly from the database over the network, and exceeding bandwidth limits will cause the entire website (www.hammadtahir.somee.com) to go offline for 12 hours. Service can only be restored manually via the control panel after such an outage.




[My Information](#) [Upcoming Events](#) [My Orders](#) [View Gallery](#)



Hi Muhammad Hammad Tahir !

Welcome to ArtVault — where every masterpiece tells a story. Discover art that speaks to your soul and experience a journey of inspiration and beauty.



My Information

CNIC:
33102-7125684-3

First Name:
Muhammad Hammad

Last Name:
Tahir

Email:
mhammادت04@gmail.com

Phone No:
03238157166

Gender:
M

City:
Faisalabad

State:
CA

Postal Code:
38090

Country:
Pakistan

Role name:
Customer

Password:
1235

Account Creation Date:
5/2/2025 12:00:00 AM

Edit

Upcomming Events

EVENT_NAME	START_DATE	END_DATE	EVENT_LOCATION	EVENT_EMPLOYEE
Art Auction	5/27/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Art Exhibition	5/28/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Artist Talk	5/27/2025 12:00:00 AM	5/31/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Charity Gala	5/29/2025 12:00:00 AM	6/27/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Curation Panel	5/21/2025 12:00:00 AM	5/23/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Gallery Opening	5/29/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahmad Hassan
New Collection Release	7/22/2025 12:00:00 AM	7/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali

Your Orders

ORDER_ID	CUSTOMER_ID	RECIPIENT	ORDER_DATE	ORDER_STATUS	PAYMENT_METHOD	ARTWORK_ID
ORD-001	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-001
ORD-002	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-002
ORD-003	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-003
ORD-004	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-004
ORD-005	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-004
ORD-006	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-006
ORD-007	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-007

[Web hosting by Somee.com](#)

Gallery



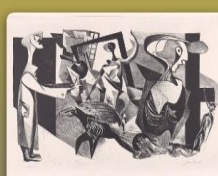
Woman with a Hat

Category: classic
Status: available



Campbell's Soup Cans

Category: classic
Status: available



Guernica

Category: classic
Status: available



Impression, Sunrise

Category: classic
Status: available



Register

CNIC:

e.g., 12345-1234567-1

First Name:

Last Name:

Email:

Phone No:

Gender:

M

City:

State:

e.g., CA

Postal Code:

Country:

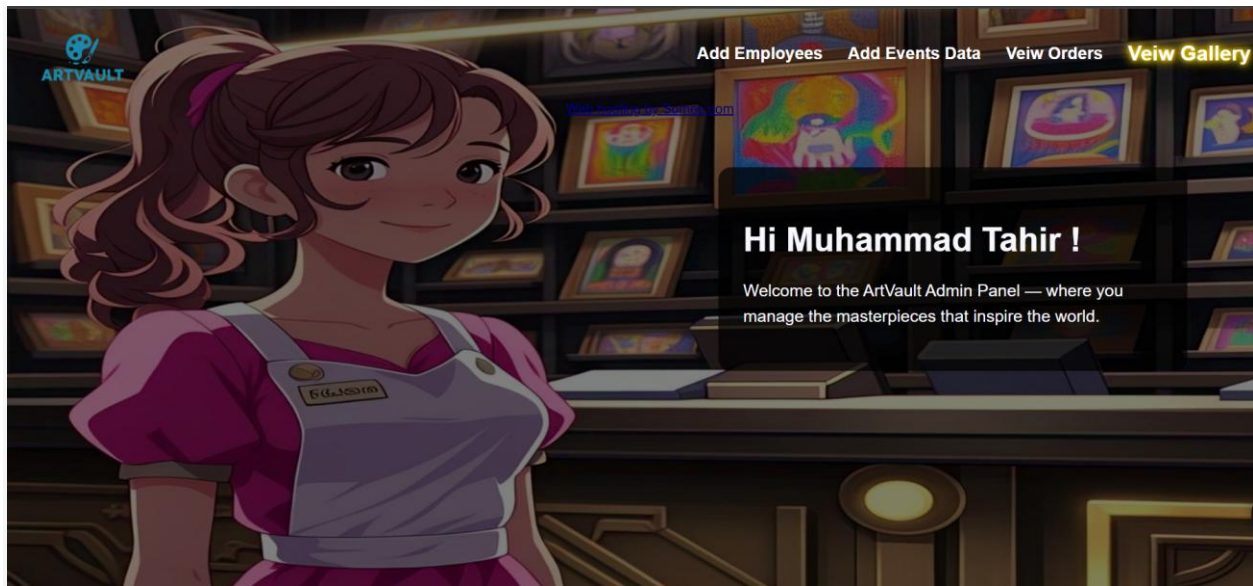
Role:

User

Password:

Submit

[Web hosting by Somee.com](#)



The image shows the 'Register a Employee' form in the ArtVault Admin Panel. The form is set against a yellow background with the ArtVault logo on the left. The form fields are as follows:

- CNIC:** Text input with placeholder 'e.g., 12345-1234567-1'
- First Name:** Text input
- Last Name:** Text input
- Email:** Text input
- Phone No:** Text input
- Gender:** Dropdown menu with 'M' selected
- City:** Text input
- State:** Text input with placeholder 'e.g., CA'
- Postal Code:** Text input
- Country:** Text input
- Role:** Dropdown menu with 'Manager' selected
- Status:** Dropdown menu with 'Active' selected
- Salary:** Text input
- Password:** Text input

A 'Submit' button is located at the bottom right of the form.

The image shows the 'Add Event' form in the ArtVault Admin Panel. The form is set against a yellow background with the ArtVault logo on the left. At the top, there is a 'View All Event' button. The form fields are as follows:

- Event Name:** Text input with placeholder 'Timeless Strokes'
- Start Date:** Date picker with placeholder 'mm / dd / yyyy'
- End Date:** Date picker with placeholder 'mm / dd / yyyy'
- Location:** Text input
- Select Event Head:** Dropdown menu with 'Ali Raza' selected

An 'Add Event' button is located at the bottom right of the form.

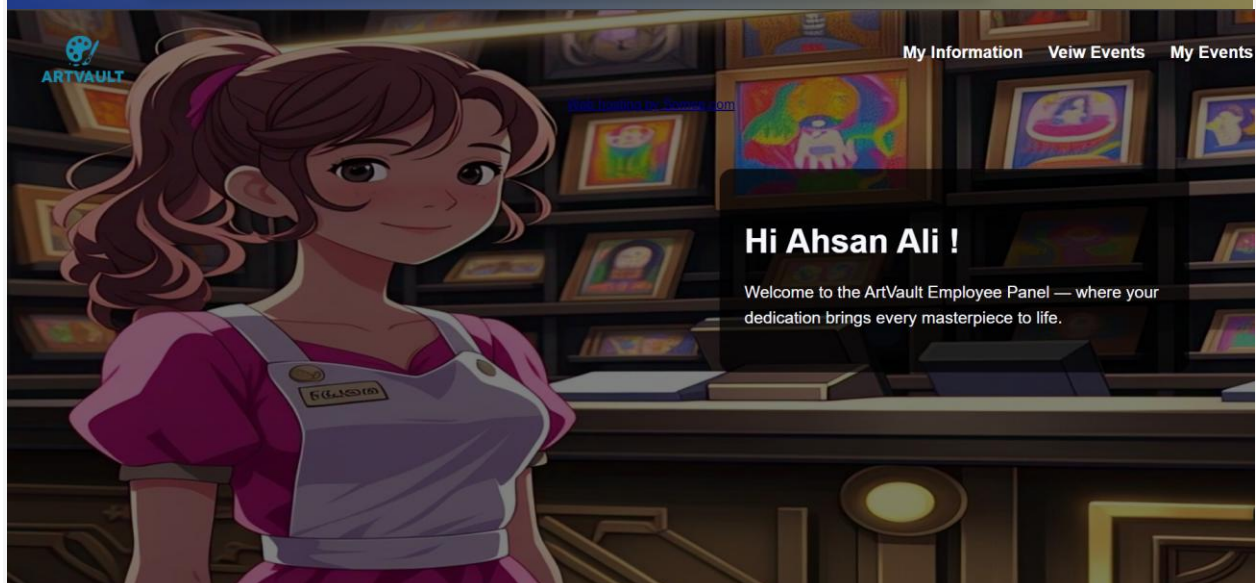
All Events

EVENT_NAME	START_DATE	END_DATE	EVENT_LOCATION	EVENT_EMPLOYEE
Art Auction	5/27/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Art Exhibition	5/28/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Artist Talk	5/27/2025 12:00:00 AM	5/31/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Charity Gala	5/29/2025 12:00:00 AM	6/27/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Curation Panel	5/21/2025 12:00:00 AM	5/23/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Gallery Opening	5/29/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahmad Hassan
New Collection Release	7/22/2025 12:00:00 AM	7/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali

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Orders

ORDER_ID	CUSTOMER_ID	RECIPIENT	ORDER_DATE	ORDER_STATUS	PAYMENT_METHOD	ARTWORK_ID
ORD-001	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-001
ORD-002	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-002
ORD-003	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-003
ORD-004	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-004
ORD-005	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-004
ORD-006	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-006
ORD-007	33102-7125684-3	John Smith	11/15/2023 12:00:00 AM	Completed	Credit Card	ART-007

[Web hosting by Somee.com](#)



My Information

CNIC:
33102-7125623-3

First Name:
Ahsan

Last Name:
Ali

Email:
nwolf@example.com

Phone No:
0519248601

Gender:
M

City:
Islamabad

State:
PB

Postal Code:
45650

Country:
Pakistan

Role_name:
User

Password:
1234

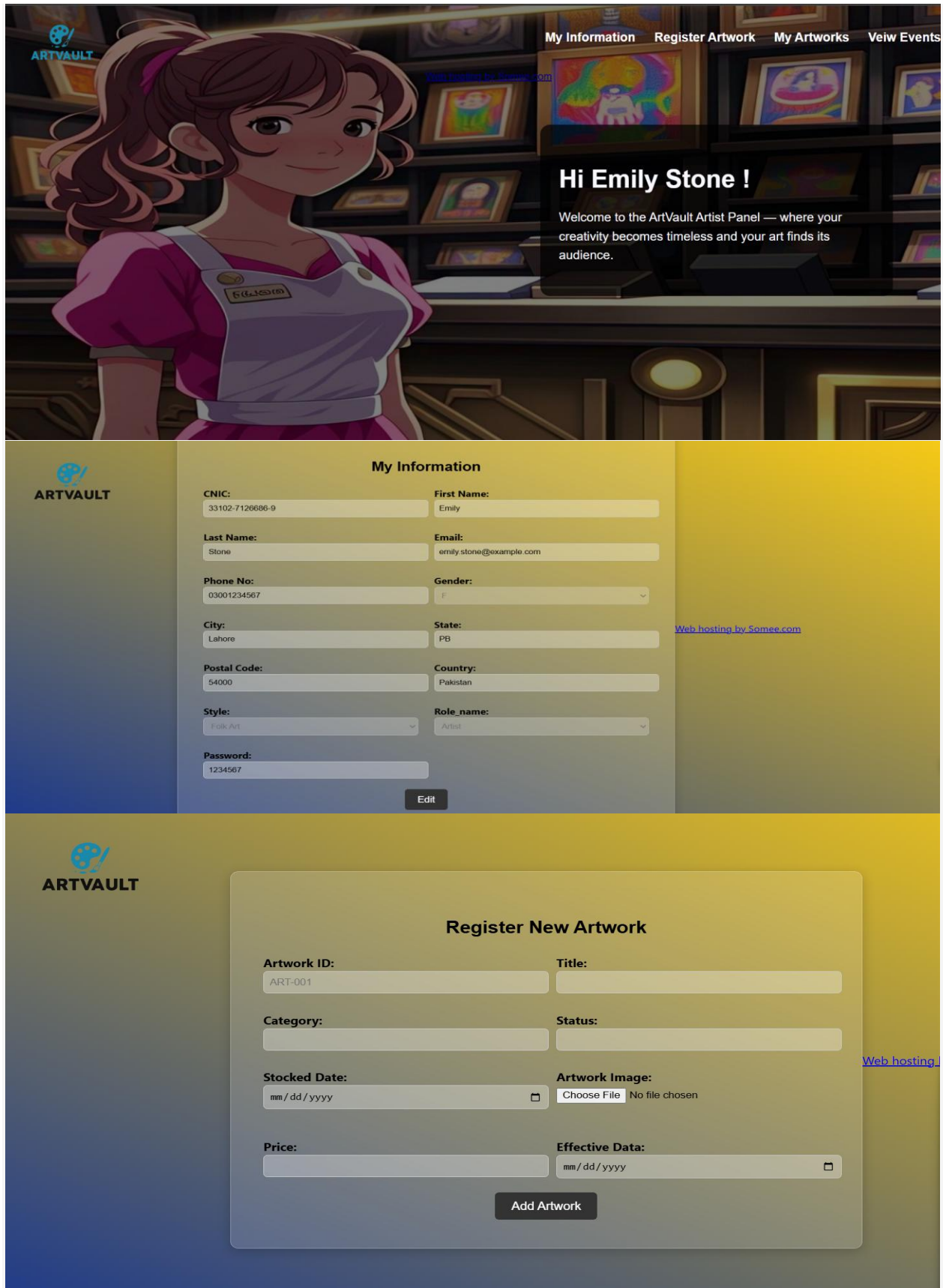
Edit

Upcomming Events

EVENT_NAME	START_DATE	END_DATE	EVENT_LOCATION	EVENT_EMPLOYEE
Art Auction	5/27/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Art Exhibition	5/28/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Artist Talk	5/27/2025 12:00:00 AM	5/31/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Charity Gala	5/29/2025 12:00:00 AM	6/27/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Curation Panel	5/21/2025 12:00:00 AM	5/23/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Gallery Opening	5/29/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahmad Hassan
New Collection Release	7/22/2025 12:00:00 AM	7/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali

My Events Information

EVENT_NAME	START_DATE	END_DATE	EVENT_LOCATION	EVENT_EMPLOYEE
Art Auction	5/27/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Art Exhibition	5/28/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Artist Talk	5/27/2025 12:00:00 AM	5/31/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Charity Gala	5/29/2025 12:00:00 AM	6/27/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Curation Panel	5/21/2025 12:00:00 AM	5/23/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
New Collection Release	7/22/2025 12:00:00 AM	7/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali



The image displays the ArtVault Artist Panel interface, which is divided into three main sections: a header, a profile view, and a registration form.

Header: The top navigation bar includes links for "My Information", "Register Artwork", "My Artworks", and "View Events". The ArtVault logo is positioned on the left.

Profile View: This section features a large illustration of a young woman with brown hair in pigtails, wearing a pink shirt and a grey apron. To her right, a dark overlay contains the text "Hi Emily Stone !" and a welcome message: "Welcome to the ArtVault Artist Panel — where your creativity becomes timeless and your art finds its audience." Below this, the "My Information" form is displayed, containing fields for personal and professional details.

Register New Artwork Form: This form is used to add new artwork to the platform. It includes fields for Artwork ID, Title, Category, Status, Stocked Date, Price, Effective Date, and Artwork Image. The Artwork Image field includes a "Choose File" button and a "No file chosen" status.

Form Fields and Values:

Field	Value
CNIC	33102-7126686-9
First Name	Emily
Last Name	Stone
Email	emily.stone@example.com
Phone No.	03001234567
Gender	F
City	Lahore
State	PB
Postal Code	54000
Country	Pakistan
Style	Folk Art
Role name	Artist
Password	1234567
Artwork ID	ART-001
Title	
Category	
Status	
Stocked Date	mm / dd / yyyy
Price	
Effective Date	mm / dd / yyyy

Buttons: "Edit" (in the profile view) and "Add Artwork" (in the registration form).

My Artworks Information

ARTWORK_ID	TITLE	CATEGORY	STOCKED_DATE	STATUS
ART-001	Woman with a Hat	classic	5/18/2025 12:00:00 AM	avalible
ART-002	Campbells Soup Cans	classic	5/18/2025 12:00:00 AM	avalible
ART-003	Guernica	classic	5/18/2025 12:00:00 AM	avalible
ART-004	Impression, Sunrise	classic	5/18/2025 12:00:00 AM	avalible
ART-005	Les Ddemoiselles du Village	Modren	5/18/2025 12:00:00 AM	avalible
ART-006	Marilyn Diptych	Modren	5/18/2025 12:00:00 AM	avalible
ART-007	Mona Lisa	Modren	5/18/2025 12:00:00 AM	avalible
ART-008	Self-Portrait with Thorn Necklace	Modren	5/18/2025 12:00:00 AM	avalible
ART-009	Sky Above Clouds IV	Modren	5/18/2025 12:00:00 AM	avalible
ART-010	Starry Night	classic	5/18/2025 12:00:00 AM	avalible
ART-011	Sunflowers	Modren	5/18/2025 12:00:00 AM	avalible
ART-012	The Dance	classic	5/18/2025 12:00:00 AM	avalible
ART-013	The Last Supper	classic	5/18/2025 12:00:00 AM	avalible
ART-014	The Persistence of Memory	Modren	5/18/2025 12:00:00 AM	avalible
ART-015	The Two Fridas	Modren	5/18/2025 12:00:00 AM	avalible
ART-016	Water Lilies	Modren	5/18/2025 12:00:00 AM	avalible

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Upcomming Events

EVENT_NAME	START_DATE	END_DATE	EVENT_LOCATION	EVENT_EMPLOYEE
Art Auction	5/27/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Art Exhibition	5/28/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Artist Talk	5/27/2025 12:00:00 AM	5/31/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Charity Gala	5/29/2025 12:00:00 AM	6/27/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Curation Panel	5/21/2025 12:00:00 AM	5/23/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali
Gallery Opening	5/29/2025 12:00:00 AM	5/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahmad Hassan
New Collection Release	7/22/2025 12:00:00 AM	7/30/2025 12:00:00 AM	Islamabad, Pakistan	Ahsan Ali

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