College of Economics, Management, and Information Systems

Department of Information Systems

[Web Applications: INFS206L]

[Lab Project]

Submitted by:

[Student name:………………., ………………….,

……………………………..]

[Student ID:………………….., ……………………..…………………………….]

[Date: ----------------------]

Submitted to: Dr. ……………..

1. Overview of the Website

The laundry website allows users to easily submit laundry service requests, track their order status, and choose between dry or steam cleaning services. The website is developed using ASP.NET, SQL Server, and Web Forms to ensure a robust and scalable platform.
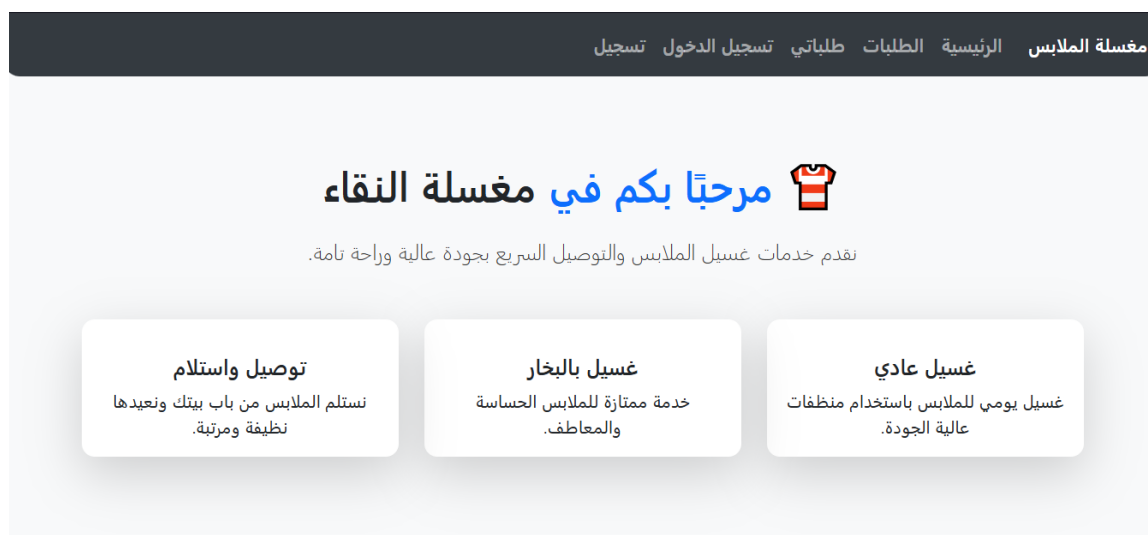
2. Core Elements Used:

The following core elements were used in the development of this project:
- ASP.NET Web Forms: For creating dynamic web pages with easy-to-manage user interactions.
- SQL Server: To manage and store user data, orders, and administrative tasks.
- HTML/CSS: For structuring and styling the front-end.
- Bootstrap: For responsive design and UI components.

3. Page Descriptions:

Page 1: Home (Services Overview)

This page lists the available laundry services (Dry Cleaning, Steam Cleaning, etc.) and provides links to the login and registration pages.

Code

Page 2: Login Page

A page for users to log in with their email and password. After logging in, they will be redirected to the order submission page.

Copy

```
Login.aspx.cs*  ⊸ ✕   Web.config        Register.aspx.cs*
🔲 WebApplication2                        ⯆ 🔩 WebApplication2.Login                        ⯆ 🔩 btnLogin_Click(object sender, EventArgs e)          ⯆ ⊹
     13
                    0 references
     14      ∨     protected void btnLogin_Click(object sender, EventArgs e)
     15            {
     16                string email = txtEmail.Text.Trim();
     17                string password = txtPassword.Text.Trim();
     18
     19                string conString = ConfigurationManager.ConnectionStrings["DefaultConnection"].ConnectionString;
     20
     21      ∨         using (SqlConnection con = new SqlConnection(conString))
     22                {
     23                    string query = "SELECT IsAdmin FROM Users WHERE Email = @Email AND Password = @Password";
     24                    SqlCommand cmd = new SqlCommand(query, con);
     25                    cmd.Parameters.AddWithValue("@Email", email);
     26 💡 []            cmd.Parameters.AddWithValue("@Password", password); |
     27
     28                    con.Open();
     29                    object result = cmd.ExecuteScalar();
     30
     31      ∨             if (result != null)
     32                    {
     33                        bool isAdmin = Convert.ToBoolean(result);
     34                        Session["UserEmail"] = email;
     35
     36                        if (isAdmin)
     37                            Response.Redirect("Admin.aspx");
     38                        else
     39                            Response.Redirect("OrderLaundry.aspx");
     40                    }
74 %      ⯆ 🔍    ⊘ No issues found         🖌 ⯆   ◁                                          ▶   Ln: 26   Ch: 69   SPC   CRLF
```

Page 3: Registration Page

This page allows users to register by entering their name, email, and password.

إنشاء حساب جديد

الاسم الكامل

ALI

البريد الإلكتروني

ali@gmail.com

كلمة المرور

تسجيل

تم التسجيل بنجاح!

Code


```
string conString = ConfigurationManager.ConnectionStrings["DefaultConnection"].ConnectionString;

using (SqlConnection con = new SqlConnection(conString))
{
    string query = "INSERT INTO Users (Name, Email, Password) VALUES (@Name, @Email, @Password)";
    SqlCommand cmd = new SqlCommand(query, con);
    cmd.Parameters.AddWithValue("@Name", name);
    cmd.Parameters.AddWithValue("@Email", email);
    cmd.Parameters.AddWithValue("@Password", password);

    try
    {
        con.Open();
        cmd.ExecuteNonQuery();
        lblMessage.Text = "تم التسجيل بنجاح";
        lblMessage.CssClass = "text-success";
    }
    catch (Exception ex)
    {
        lblMessage.Text = "حدث خطأ أثناء التسجيل: " + ex.Message;
        lblMessage.CssClass = "text-danger";
    }
}
```

Page 4: Order Laundry Page

Users can select the type of service (dry or steam cleaning), set the delivery date, and enter any additional comments before submitting the laundry order.

نموذج طلب غسيل

نوع الخدمة

غسيل عادي

تاريخ الاستلام

١٨/٠٤/٢٠٢٥

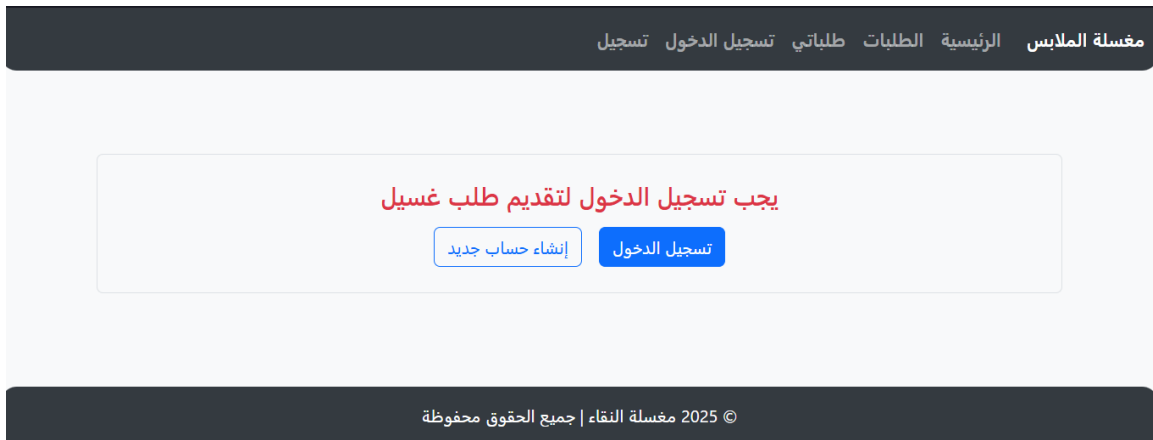ملاحظات إضافية (اختياري)

إرسال الطلب

تم إرسال طلبك بنجاح!

Code

```
MyOrders.aspx        MyOrders.aspx.cs  ⊕ ✕
WebApplication2                          ▾  ⬡ WebApplication2.MyOrders              ▾  ⚙ Page_Load(object sender, EventArgs e)   ▾
     1    ∨ using System;
     2      using System.Data;
     3      using System.Data.SqlClient;
     4      using System.Configuration;
     5
     6    ∨ namespace WebApplication2
     7      {
            2 references
     8    ∨    public partial class MyOrders : System.Web.UI.Page
     9         {
            0 references
    10    ∨       protected void Page_Load(object sender, EventArgs e)
    11            {
    12    ∨          if (Session["UserEmail"] == null)
    13               {
    14                  Response.Redirect("Login.aspx");
    15               }
    16
    17    ∨          if (!IsPostBack)
    18               {
    19                  LoadMyOrders();
    20               }
    21            }
    22
            1 reference
    23    ∨       private void LoadMyOrders()
    24            {
    25               string conStr = ConfigurationManager.ConnectionStrings["DefaultConnection"].ConnectionString;
    26    ∨          using (SqlConnection con = new SqlConnection(conStr))
    27               {
 74 %          ✓ No issues found        ⚡ ▾   ◁                                        ▷   Ln: 42   Ch: 1   SPC   CRLF
```

Page 5: My Orders Page

This page displays a list of all the user's submitted orders with their status (Pending, In Progress, Completed).

مغسلة الملابس   الرئيسية   الطلبات   طلباتي   تسجيل الدخول   تسجيل

يجب تسجيل الدخول لتقديم طلب غسيل

تسجيل الدخول   إنشاء حساب جديد

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Code

```
MyOrders.aspx   ↗ ×
    1    <%@ Page Title="طلباتي" Language="C#" MasterPageFile="~/Master.master" AutoEventWireup="true" CodeBehind="MyOrders.aspx.cs" Inherits="WebApplication2.MyOrd
    2
    3    <asp:Content ID="Content1" ContentPlaceHolderID="MainContent" runat="server">
    4        <h3 class="text-center mb-4 text-primary">طلباتي</h3>
    5        <asp:GridView ID="gvMyOrders" runat="server" CssClass="table table-bordered text-center" AutoGenerateColumns="False">
    6            <Columns>
    7                <asp:BoundField HeaderText="رقم الطلب" DataField="OrderID" />
    8                <asp:BoundField HeaderText="نوع الخدمة" DataField="ServiceType" />
    9                <asp:BoundField HeaderText="التاريخ" DataField="OrderDate" DataFormatString="{0:yyyy-MM-dd}" />
   10                <asp:BoundField HeaderText="الحالة" DataField="Status" />
   11            </Columns>
   12        </asp:GridView>
   13    </asp:Content>
   14
```

```
74 %        ⊘ No issues found        ◄                    ►    Ln: 1    Ch: 1    SPC    CRLF
```

Page 6: Admin Dashboard Page

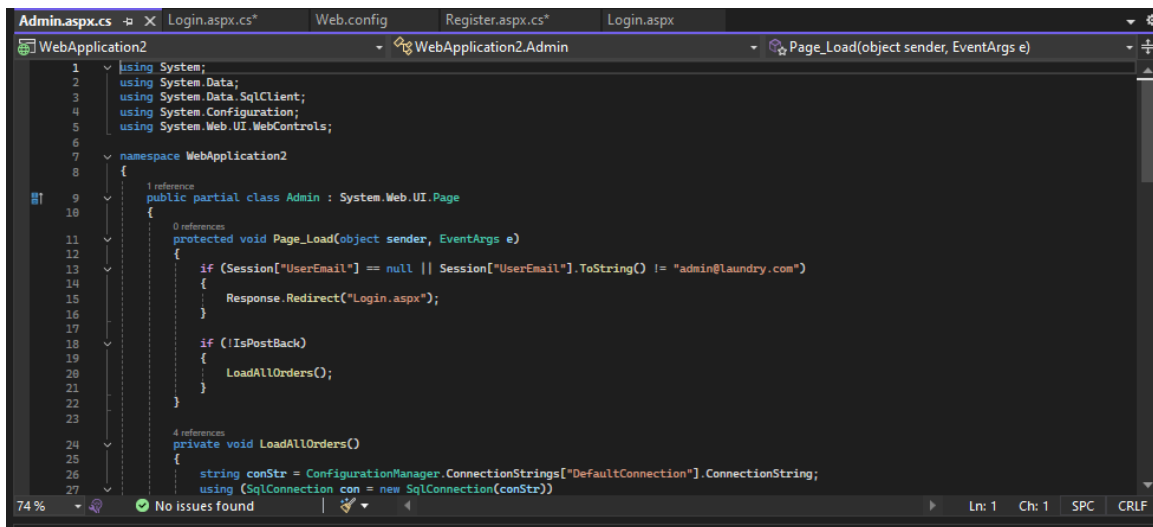Admin page where the administrator can view all submitted orders, their status, and manage them.

رقم الطلب	البريد	الخدمة	التاريخ	الحالة	
1	user1@gmail.com	غسيل عادي	2025-04-09	جديد	Edit
2	user2@gmail.com	تجفيف فقط	2025-04-10	جديد	Edit
3	ali@gmail.com	غسيل عادي	2025-04-18	جديد	Edit

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Code

```
Admin.aspx.cs  ⊕ ✕   Login.aspx.cs*      Web.config      Register.aspx.cs*      Login.aspx
WebApplication2                          ▾  WebApplication2.Admin              ▾  Page_Load(object sender, EventArgs e)    ▾
     1    ∨  using System;
     2       using System.Data;
     3       using System.Data.SqlClient;
     4       using System.Configuration;
     5       using System.Web.UI.WebControls;
     6
     7    ∨  namespace WebApplication2
     8       {
              1 reference
     9    ∨      public partial class Admin : System.Web.UI.Page
    10           {
                  0 references
    11    ∨          protected void Page_Load(object sender, EventArgs e)
    12               {
    13    ∨              if (Session["UserEmail"] == null || Session["UserEmail"].ToString() != "admin@laundry.com")
    14                   {
    15                       Response.Redirect("Login.aspx");
    16                   }
    17
    18    ∨              if (!IsPostBack)
    19                   {
    20                       LoadAllOrders();
    21                   }
    22               }
    23
                  4 references
    24    ∨          private void LoadAllOrders()
    25               {
    26                   string conStr = ConfigurationManager.ConnectionStrings["DefaultConnection"].ConnectionString;
    27    ∨              using (SqlConnection con = new SqlConnection(conStr))
 74 %      ▾      ⊘ No issues found      |  ≪ ▾    ◁                                          ▷     Ln: 1    Ch: 1    SPC    CRLF
```

7. Conclusion:

This laundry service website is designed to simplify the process of submitting laundry orders while providing an easy-to-use interface for both users and administrators. The system ensures proper tracking of orders, efficient management by administrators, and a responsive user interface, all built using ASP.NET, SQL Server, and Web Forms.