

Ministerul Educației și Cercetării al Republicii Moldova
Universitatea Tehnică a Moldovei
Facultatea Calculatoare, Informatică și Microelectronică

RAPORT

Lucrarea de laborator nr.2
la Tehnologii Web

Au efectuat:
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Lucrare de laborator nr. 2

Tema: "Proiectarea unei pagini Web utilizând ASP.NET"

Scopul lucrării: Utilizarea ASP.NET pentru proiectare Web Site-urilor.

Sarcina de lucru: În Visual Studio, utilizând platforma ASP.NET să se includă conținutul paginii Web.

NiceAdmin > NiceAdmin > assets						
Nume	Tip	Dimensiunea comp...	Protejat pri...	Dimensiune	Proporție	Data modificării
css	Folder de fișiere					12/21/2022 10:38 AM
img	Folder de fișiere					12/21/2022 10:38 AM
js	Folder de fișiere					12/21/2022 10:38 AM
scss	Folder de fișiere					12/21/2022 10:38 AM
vendor	Folder de fișiere					12/21/2022 10:38 AM

Figura 1 – Templat-ul descărcat

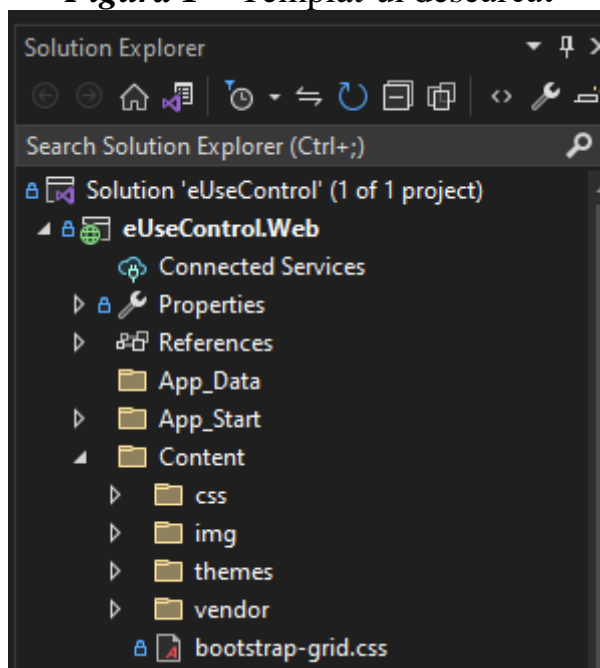


Figura 2 – Adăugarea în proiect

```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Web;
5 using System.Web.Optimization;
6
7 namespace eUseControl.Web
8 {
9     1 reference
10     public static class BundleConfig
11     {
12         1 reference
13         public static void RegisterBundles(BundleCollection bundles)
14         {
15             //Vendor CSS Bundle
16             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/bootstrap/css").Include(
17                 virtualPath: "~/Content/bootstrap.min.css", params transforms: new CssRewriteUrlTransform());
18             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/bootstrap-icons/css").Include(
19                 virtualPath: "~/Content/vendor/bootstrap-icons/bootstrap-icons.min.css", params transforms: new CssRewriteUrlTransform());
20             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/boxicons/css").Include(
21                 virtualPath: "~/Content/vendor/boxicons/boxicons.min.css", params transforms: new CssRewriteUrlTransform());
22             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/quill.snow/css").Include(
23                 virtualPath: "~/Content/vendor/quill/quill.snow.css", params transforms: new CssRewriteUrlTransform());
24             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/quill.bubble/css").Include(
25                 virtualPath: "~/Content/vendor/quill/quill.bubble.css", params transforms: new CssRewriteUrlTransform());
26             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/remixicon/css").Include(
27                 virtualPath: "~/Content/vendor/remixicon/remixicon.css", params transforms: new CssRewriteUrlTransform());
28             bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/simple-datatables/css").Include(
29                 virtualPath: "~/Content/vendor/simple-datatables/style.css", params transforms: new CssRewriteUrlTransform());
30             //Template Main CSS File
```

Figura 3– Configurarea pachetelor adăugate

```

29 bundles.Add(bundle: new StyleBundle(virtualPath: "~/bundles/main/css").Include(
30     virtualPath: "~/Content/css/dark-style.css", params transforms: new CssRewriteUrlTransform());
31
32 //Vendor JS bundle
33 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/apexcharts/js").Include(
34     virtualPath: "~/Scripts/vendor/apexcharts/apexcharts.min.js"));
35 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/bootstrap/js").Include(
36     virtualPath: "~/Scripts/bootstrap.bundle.min.js"));
37 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/chart/js").Include(
38     virtualPath: "~/Scripts/vendor/chart.js/chart.umd.js"));
39 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/echarts/js").Include(
40     virtualPath: "~/Scripts/vendor/echarts/echarts.min.js"));
41 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/quill/js").Include(
42     virtualPath: "~/Scripts/vendor/quill/quill.min.js"));
43 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/simple-datatables/js").Include(
44     virtualPath: "~/Scripts/vendor/simple-datatables/simple-datatables.js"));
45 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/tinymce/js").Include(
46     virtualPath: "~/Scripts/vendor/tinymce/tinymce.min.js"));
47 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/validate/js").Include(
48     virtualPath: "~/Scripts/vendor/php-email-form/validate.js"));
49
50 //Template Main JS File
51 bundles.Add(bundle: new ScriptBundle(virtualPath: "~/bundles/main/js").Include(
52     virtualPath: "~/Scripts/js/main.js"));
53
54 }
55 }

```

Figura 4 – Configurarea pachetelor adăugate

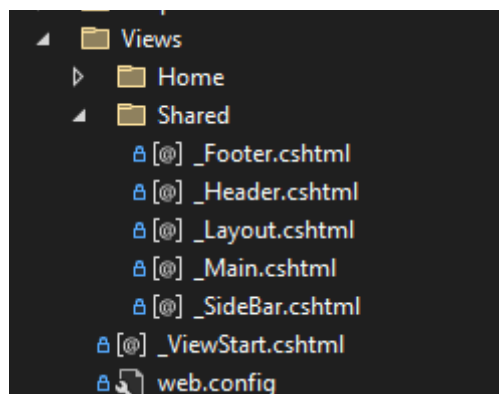


Figura 5 – Divizarea paginii pe Layere

```

32 </head>
33 <body>
34     <div class="wrapper">
35         <!-- Header -->
36         <header id="header" class="header fixed-top d-flex align-items-center">
37             @Html.Partial("_Header");
38         </header>
39
40         <!-- Sidebar -->
41         <aside id="sidebar" class="sidebar">
42             @Html.Partial("_SideBar");
43         </aside>
44
45         <!-- Main -->
46         <main id="main" class="main">
47             @Html.Partial("_Main")
48         </main>
49
50         <!-- Footer -->
51         <footer id="footer" class="footer">
52             @Html.Partial("_Footer")
53         </footer>
54
55         @RenderBody()
56
57         <!-- Vendor JS Files -->
58         @Scripts.Render(params paths: "~/bundles/apexcharts/js")
59         @Scripts.Render(params paths: "~/bundles/simple-datatables/js")
60         @Scripts.Render(params paths: "~/bundles/validate/js")
61
62         <!-- Template Main JS File -->
63         @Scripts.Render(params paths: "~/bundles/main/js")
64
65         @RenderSection(name: "scripts", required: false)
66     </div>
67 </body>

```

Figura 6 – Fișierul Layout

```

1  @using System.Web.Optimization
2  <!DOCTYPE html>
3
4  <html>
5  <head>
6      <meta content="width=device-width, initial-scale=1.0" name="viewport">
7
8      <title>TestTemplate | @ViewBag.Title </title>
9
10
11      <!-- Google Fonts -->
12      <link href="https://fonts.gstatic.com" rel="preconnect">
13      <link href="https://fonts.googleapis.com/css?family=Open+Sans:300,300i,400,400i,600,600i,700,700i|Nunito:300,300i,400,400i,600,600i,700,700i">
14      <!-- Favicons -->
15      <link href="Content/img/favicon.png" rel="icon">
16      <link href="Content/img/apple-touch-icon.png" rel="apple-touch-icon">
17      <!-- Vendor CSS Files -->
18      @Styles.Render(params paths: "~/bundles/bootstrap/css")
19      @Styles.Render(params paths: "~/bundles/bootstrap-icons/css")
20      @Styles.Render(params paths: "~/bundles/boxicons/css")
21      @Styles.Render(params paths: "~/bundles/quill.snow/css")
22      @Styles.Render(params paths: "~/bundles/quill.bubble/css")
23      @Styles.Render(params paths: "~/bundles/remixicon/css")
24      @Styles.Render(params paths: "~/bundles/simple-datatables/css")
25
26      @if (IsSectionDefined("Styles"))
27      {
28          @RenderSection(name: "Styles", required: false)
29      }
30
31      @* Primary Home Style *@
32      @Styles.Render(params paths: "~/bundles/main/css")

```

Figura 7 – Fișierul Layout

Afișarea rezultatelor lucrării:

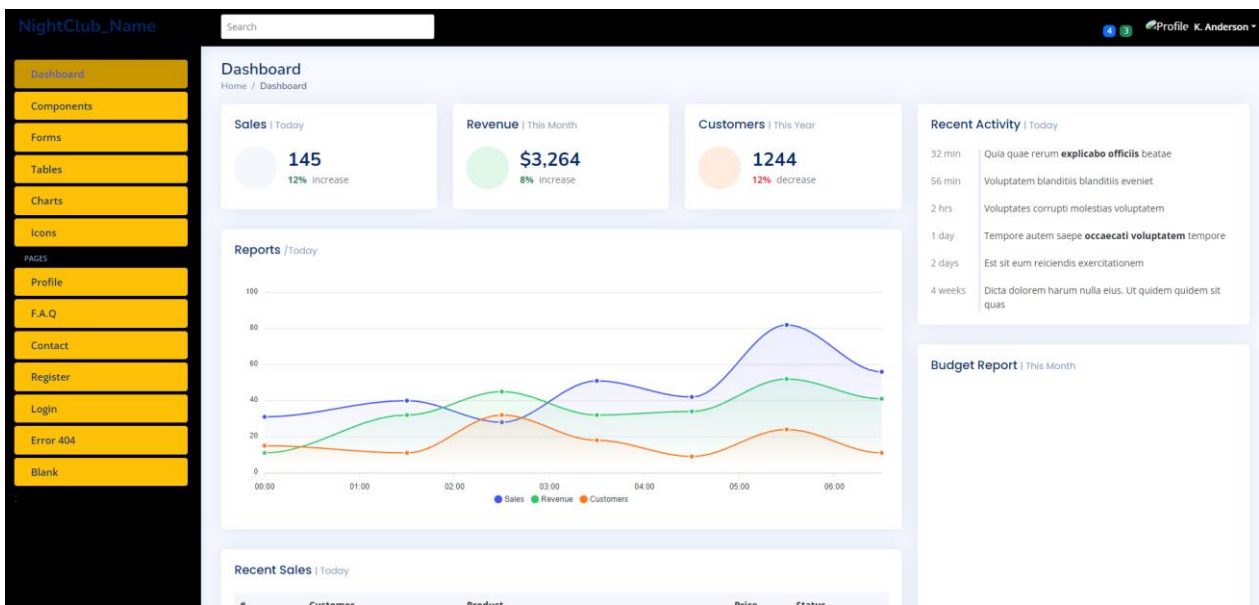


Figura 8 – Pagina de pornire, partea de sus

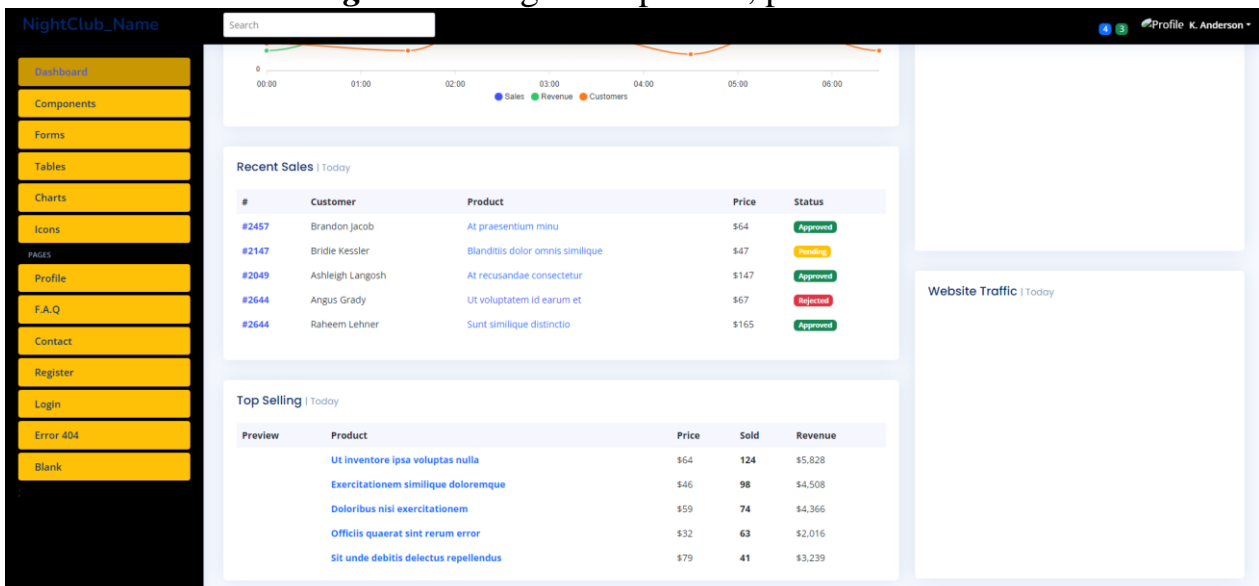


Figura 9 – Pagina de pornire, partea din mijloc

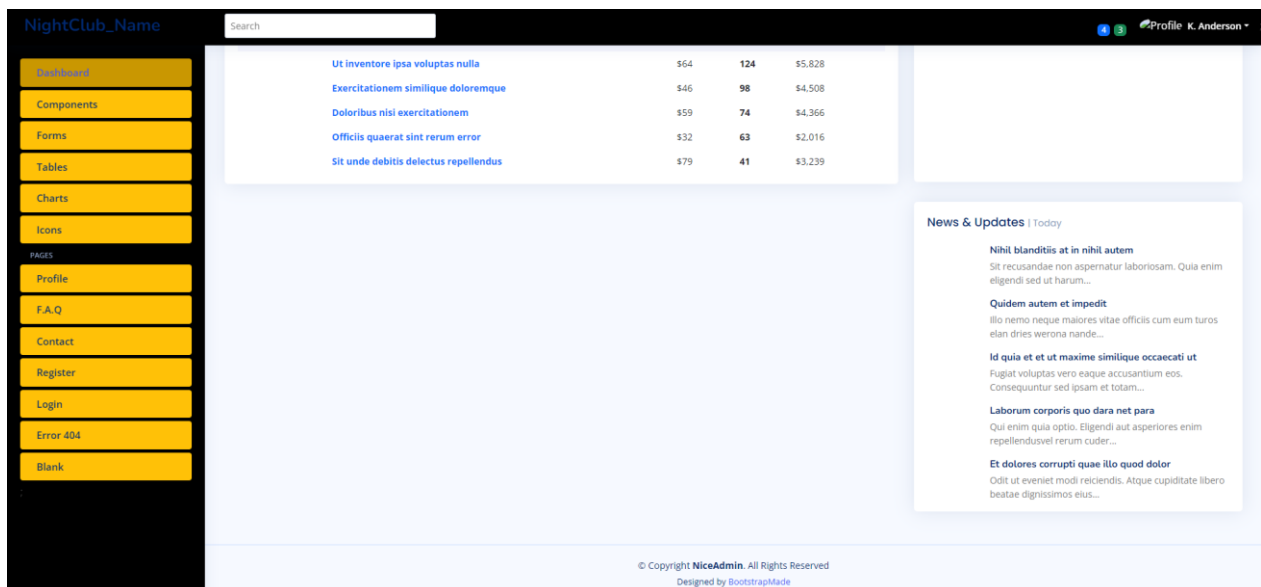


Figura 9 – Pagina de pornire, partea de jos

Concluzii: Am obținut cunoștințe și deprinderi în utilizarea ASP.NET pentru proiectare Web Site-urilor. Prin intermediul Bootstrap, am reușit cu ușurință să înțelegem, să dezvoltăm, să divizăm și să adăugăm în proiectul nostru un front-end, care pe parcurs ușor îl vom putea gestiona cum noi vom avea nevoie.