

Code:

EmployeesModel.cs

```
EmployeesModel.cs x HomeController.cs
lab04 lab04.Models EmployeesModel Email
7 namespace lab04.Models
8 {
9     public class EmployeesModel
10    {
11        [Required(ErrorMessage = "Please input ID")]
12        [Display(Name = "Employee ID")]
13        public int EmployeeId { get; set; }
14
15        [Required(ErrorMessage = "Please input name")]
16        [Display(Name = "Employee Name")]
17        public string EmployeeName { get; set; }
18
19        [Required(ErrorMessage = "Please input email")]
20        [EmailAddress]
21        [Display(Name = "Email")]
22        public string Email { get; set; }
23
24        [Required(ErrorMessage = "Please input Age")]
25        [Display(Name = "Age")]
26        public int Age {
27            get
28            {
29                DateTime now = DateTime.Today;
30                int age = now.Year - Birthday.Year;
31                if (Birthday > now.AddYears(-age)) age--;
32                return age;
33            }
34            set { }
35        }
36
37        [Required(ErrorMessage = "Please input your birthday")]
38        [DataType(DataType.Date)]
39        [DisplayFormat(DataFormatString = "{0:yyyy-MM-dd}", ApplyFormatInEditMode = true)]
40        [Display(Name = "Birthday")]
41        public DateTime Birthday { get; set; }
42
43        [Required(ErrorMessage = "Please input your Type")]
44        [Display(Name = "Type")]
45        public string Type { get; set; }
46    }
47
48 }
```

92 % No issues found Ln: 18 Ch: 9 SPC CRLF

HomeController.cs

```
EmployeesModel.cs  HomeController.cs  X
lab04  lab04.Controllers.HomeController  EmployeesList

10 namespace lab04.Controllers
11 {
12     public class HomeController : Controller
13     {
14         // GET: Home
15
16         private List<EmployeesModel> EmployeesList = new List<EmployeesModel>();
17         string xmlFilePath = "~/XMLfile/EmployeeData.xml";
18
19         public List<EmployeesModel> ReadXMLData(string filepath)
20         {
21             string xmldata = Server.MapPath(filepath);
22             DataSet ds = new DataSet();
23
24             ds.ReadXml(xmldata);
25
26             var employeeList = new List<EmployeesModel>();
27             employeeList = (from rows in ds.Tables[0].AsEnumerable()
28                             select new EmployeesModel
29                             {
30                                 EmployeeId = Convert.ToInt32(rows[0].ToString()),
31                                 EmployeeName = rows[1].ToString(),
32                                 Email = rows[2].ToString(),
33                                 Age = Convert.ToInt32(rows[3].ToString()),
34                                 Birthday = Convert.ToDateTime(rows[4].ToString()),
35                                 Type = rows[5].ToString()
36                             }
37                             ).ToList();
38             return employeeList;
39         }
40         public void CreateXmlFile(string filepath, List<EmployeesModel> xmldata)
41         {
42             try
43             {
44                 XmlWriterSettings xmlWriterSettings = new XmlWriterSettings()
45                 {
46                     Indent = true,
47                     IndentChars = "\t",
48                     NewLineOnAttributes = true
49                 };
50                 using (XmlWriter xmlWriter = XmlWriter.Create(Server.MapPath(filepath), xmlWriterSettings))
51                 {
52                     xmlWriter.WriteStartDocument();
53                 }
54             }
55             catch { }
56         }
57     }
58 }
```

```

52     xmlWriter.WriteStartDocument();
53     xmlWriter.WriteStartElement("Employee");
54     foreach(EmployeesModel i in xmldata)
55     {
56         xmlWriter.WriteStartElement("Employee");
57         xmlWriter.WriteAttributeString("EmployeeId", i.EmployeeId.ToString());
58         xmlWriter.WriteAttributeString("EmployeeName", i.EmployeeName.ToString());
59         xmlWriter.WriteAttributeString("Email", i.Email.ToString());
60         xmlWriter.WriteAttributeString("Age", i.Age.ToString());
61         xmlWriter.WriteAttributeString("Birthday", i.Birthday.ToString());
62         xmlWriter.WriteAttributeString("Type", i.Type.ToString());
63         xmlWriter.WriteEndElement();
64     }
65     xmlWriter.WriteEndElement();
66     xmlWriter.WriteEndDocument();
67 }
68 }
69 catch(Exception ex)
70 {
71     ViewBag.Msg = "Exception of type: " + ex + "occured please try agian";
72 }
73 }
74 }
75 public ActionResult Index(FormCollection searchdata)
76 {
77     ViewBag.Msg = "Employee XML Data";
78
79     EmployeesList = ReadXMLData(xmlFilePath);
80
81     if(searchdata["EmployNameSearch"] != null || searchdata["EmployEmailSearch"] != null)
82     {
83         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployNameSearch"])).ToList();
84         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployEmailSearch"])).ToList();
85     }
86     return View(EmployeesList);
87 }
88
89 public ActionResult Create()
90 {
91     EmployeesList = ReadXMLData(xmlFilePath);
92     EmployeesModel empl = new EmployeesModel();
93     empl.EmployeeId = EmployeesList.Max(x => x.EmployeeId) + 1;
94     // Birthday = DateTime.Now;

```

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94     empl.Birthday = DateTime.Now;
95     return View(empl);
96 }
97
98 [HttpPost]
99 public ActionResult Create(EmployeesModel Emm)
100 {
101     if (ModelState.IsValid)
102     {
103         EmployeesList = ReadXMLData(xmlFilePath);
104         EmployeesList.Add(Emm);
105         CreateXmlFile(xmlFilePath, EmployeesList);
106         return RedirectToAction("Index");
107     }
108     return View();
109 }
110
111 public ActionResult Edit(int EmployId)
112 {
113     EmployeesList = ReadXMLData(xmlFilePath);
114     int index = EmployeesList.FindIndex(x => x.EmployeeId == EmployId);
115     EmployeesModel employ = EmployeesList[index];
116     return View(employ);
117 }
118
119 [HttpPost]
120 public ActionResult Edit(EmployeesModel employ)
121 {
122     if (ModelState.IsValid)
123     {
124         EmployeesList = ReadXMLData(xmlFilePath);
125         int index = EmployeesList.FindIndex(x => x.EmployeeId == employ.EmployeeId);
126         EmployeesList[index] = employ;
127         CreateXmlFile(xmlFilePath, EmployeesList);
128         return RedirectToAction("Index");
129     }
130     return View(employ);
131 }
132
133 public ActionResult Details(int EmployId)
134 {
135     EmployeesList = ReadXMLData(xmlFilePath);

```

```

136         int index = EmployeesList.FindIndex(x => x.EmployeeId == EmployId);
137         EmployeesModel employ = EmployeesList[index];
138         return View(employ);
139     }
140
141     public ActionResult Delete(int EmployId)
142     {
143         EmployeesList = ReadXMLData(xmlFilePath);
144         int index = EmployeesList.FindIndex(x => x.EmployeeId == EmployId);
145         EmployeesModel employ = EmployeesList[index];
146         return View(employ);
147     }
148
149     [HttpPost]
150     [ActionName("Delete")]
151     public ActionResult DeleteConfirmed(int EmployId)
152     {
153         if (ModelState.IsValid)
154         {
155             EmployeesList = ReadXMLData(xmlFilePath);
156             int index = EmployeesList.FindIndex(x => x.EmployeeId == EmployId);
157             EmployeesList.RemoveAt(index);
158             CreateXmlFile(xmlFilePath, EmployeesList);
159             return RedirectToAction("Index");
160         }
161         return View();
162     }
163
164     public ActionResult IndexBOD(FormCollection searchdata)
165     {
166         ViewBag.Msg = "Employee BOD List";
167         EmployeesList = ReadXMLData(xmlFilePath);
168         //lấy ds nhân viên loại BOD
169         EmployeesList = EmployeesList.Where(x => x.Type.Contains("BOD")).ToList();
170         if (searchdata["EmployNameSearch"] != null || searchdata["EmployEmailSearch"] != null)
171         {
172             EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployNameSearch"])).ToList();
173             EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployEmailSearch"])).ToList();
174         }
175         return View(EmployeesList);
176     }
177

```

```

178 public ActionResult IndexLead(FormCollection searchdata)
179 {
180     ViewBag.Msg = "Employee leader List";
181     EmployeesList = ReadXMLData(xmlFilePath);
182     //lấy ds nhân viên loại Leader
183     EmployeesList = EmployeesList.Where(x => x.Type.Contains("Leader")).ToList();
184     if (searchdata["EmployNameSearch"] != null || searchdata["EmployEmailSearch"] != null)
185     {
186         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployNameSearch"])).ToList();
187         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployEmailSearch"])).ToList();
188     }
189     return View(EmployeesList);
190 }
191
192 public ActionResult IndexHR(FormCollection searchdata)
193 {
194     ViewBag.Msg = "Employee HR List";
195     EmployeesList = ReadXMLData(xmlFilePath);
196     //lấy ds nhân viên loại HR
197     EmployeesList = EmployeesList.Where(x => x.Type.Contains("HR")).ToList();
198     if (searchdata["EmployNameSearch"] != null || searchdata["EmployEmailSearch"] != null)
199     {
200         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployNameSearch"])).ToList();
201         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployEmailSearch"])).ToList();
202     }
203     return View(EmployeesList);
204 }
205
206 public ActionResult IndexStaff(FormCollection searchdata)
207 {
208     ViewBag.Msg = "Employee Staff List";
209     EmployeesList = ReadXMLData(xmlFilePath);
210     //lấy ds nhân viên loại Staff
211     EmployeesList = EmployeesList.Where(x => x.Type.Contains("Staff")).ToList();
212     if (searchdata["EmployNameSearch"] != null || searchdata["EmployEmailSearch"] != null)
213     {
214         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployNameSearch"])).ToList();
215         EmployeesList = EmployeesList.Where(x => x.EmployeeName.Contains(searchdata["EmployEmailSearch"])).ToList();
216     }
217     return View(EmployeesList);
218 }
219
220

```

Index.cshtml

```
Index.cshtml
1  @model IEnumerable<lab04.Models.EmployeesModel>
2
3  @{
4      ViewBag.Title = "Index";
5      Layout = "~/Views/Shared/_Layout.cshtml";
6  }
7
8
9  <div>
10     @Html.ActionLink("Create Employee", "Create", new { }, new { @class = "btn btn-primary create" })
11     <input type="submit" value="Add new employee" class="btn btn-primary create" />
12 </div>
13 <br />
14 <div class="bg-primary text-center">@ViewBag.Msg</div>
15 <br />
16 <div>
17     @using (Html.BeginForm())
18     {
19         <b>Search: </b>
20         <text>Name Employee: </text> @Html.TextBox("EmployNameSearch")
21         <text>Email: </text> @Html.TextBox("EmployEmailSearch")
22         <input class="btn btn-outline-primary" type="submit" name="submit" value="Search" id="search" />
23     }
24 </div>
25 <br />
26 <table class="table table-info table-striped">
27     <thead style="background-color:Highlight">
28         <tr>
29             <th>
30                 @Html.DisplayNameFor(model => model.EmployeeId)
31             </th>
32             <th>
33                 @Html.DisplayNameFor(model => model.EmployeeName)
34             </th>
35             <th>
36                 @Html.DisplayNameFor(model => model.Email)
37             </th>
38             <th>
39                 @Html.DisplayNameFor(model => model.Age)
40             </th>
41             <th>
42                 @Html.DisplayNameFor(model => model.Birthday)
43             </th>
44             <th>
```

```
Index.cshtml  X
49         </th>
50     </tr>
51 </thead>
52 <tbody>
53     @foreach (var item in Model)
54     {
55         <tr>
56             <td>
57                 @Html.DisplayFor(modelItem => item.EmployeeId)
58             </td>
59             <td>
60                 @Html.DisplayFor(modelItem => item.EmployeeName)
61             </td>
62             <td>
63                 @Html.DisplayFor(modelItem => item.Email)
64             </td>
65             <td>
66                 @Html.DisplayFor(modelItem => item.Age)
67             </td>
68             <td>
69                 @Html.DisplayFor(modelItem => item.Birthday)
70             </td>
71             <td>
72                 @Html.DisplayFor(modelItem => item.Type)
73             </td>
74             <td>
75                 @Html.ActionLink("Edit", "Edit", new { EmployeeId = item.EmployeeId }, new { @class = "btn btn-warning btn-xs" }) |
76                 @Html.ActionLink("Details", "Details", new { EmployeeId = item.EmployeeId }, new { @class = "btn btn-info btn-xs" }) |
77                 @Html.ActionLink("Delete", "Delete", new { EmployeeId = item.EmployeeId }, new { @class = "btn btn-danger btn-xs" })
78             </td>
79         </tr>
80     }
81 </tbody>
82 </table>
83 <div id="create"></div>
84
85 <script>
86     $(document).ready(function () {
87         $(".create").click(function () {
88             $("#create").load("/Home/Create");
89         })
90     })
91 </script>
92
```

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Create.cshtml

```
_Layout.cshtml  Create.cshtml  Index.cshtml
7
8 <div class="container">
9   <div class="bg-primary text-center">Add Employee</div>
10  <div class="container">
11    @using (Html.BeginForm())
12    {
13      @Html.AntiForgeryToken()
14
15      <div class="form-horizontal container">
16        @Html.ValidationSummary(true, "", new { @class = "text-danger" })
17        <div class="form-group">
18          @Html.LabelFor(model => model.EmployeeId, htmlAttributes: new { @class = "control-label col-md-2" })
19          <div class="col-md-10">
20            @Html.EditorFor(model => model.EmployeeId, new { htmlAttributes = new { @class = "form-control" } })
21            @Html.ValidationMessageFor(model => model.EmployeeId, "", new { @class = "text-danger" })
22          </div>
23        </div>
24
25        <div class="form-group">
26          @Html.LabelFor(model => model.EmployeeName, htmlAttributes: new { @class = "control-label col-md-2" })
27          <div class="col-md-10">
28            @Html.EditorFor(model => model.EmployeeName, new { htmlAttributes = new { @class = "form-control" } })
29            @Html.ValidationMessageFor(model => model.EmployeeName, "", new { @class = "text-danger" })
30          </div>
31        </div>
32
33        <div class="form-group">
34          @Html.LabelFor(model => model.Email, htmlAttributes: new { @class = "control-label col-md-2" })
35          <div class="col-md-10">
36            @Html.EditorFor(model => model.Email, new { htmlAttributes = new { @class = "form-control" } })
37            @Html.ValidationMessageFor(model => model.Email, "", new { @class = "text-danger" })
38          </div>
39        </div>
40
41        <div class="form-group">
42          @Html.LabelFor(model => model.Age, htmlAttributes: new { @class = "control-label col-md-2" })
43          <div class="col-md-10">
44            @Html.EditorFor(model => model.Age, new { htmlAttributes = new { @class = "form-control" } })
45            @Html.ValidationMessageFor(model => model.Age, "", new { @class = "text-danger" })
46          </div>
47        </div>
48
49        <div class="form-group">
50          @Html.LabelFor(model => model.Birthday, htmlAttributes: new { @class = "control-label col-md-2" })
51          <div class="col-md-10">
52            @Html.EditorFor(model => model.Birthday, new { htmlAttributes = new { @class = "form-control" } })
53            @Html.ValidationMessageFor(model => model.Birthday, "", new { @class = "text-danger" })
54          </div>
55        </div>
56
57        <div class="form-group">
58          @Html.LabelFor(model => model.Type, htmlAttributes: new { @class = "control-label col-md-2" })
59          <div class="col-md-10">
60            @Html.EditorFor(model => model.Type, new { htmlAttributes = new { @class = "form-control" } })
61            @Html.DropDownListFor(model => model.Type, new List<SelectListItem> {
62              new SelectListItem { Text = "BOD", Value = "BOD", Selected = true },
63              new SelectListItem { Text = "Leader", Value = "Leader" },
64              new SelectListItem { Text = "HR", Value = "HR" },
65              new SelectListItem { Text = "Staff", Value = "Staff" },
66            },
67            @Html.ValidationMessageFor(model => model.Type, "", new { @class = "text-danger" })
68          </div>
69        </div>
70
71        <div class="form-group">
72          <div class="col-md-offset-2 col-md-10">
73            <input type="submit" value="Create" class="btn btn-success" />
74            @Html.ActionLink("Cancel", "Index", new { }, new { @class = "btn btn-danger" })
75          </div>
76        </div>
77      </div>
78    }
79  </div>
80
```

Edit.cshtml

```
Edit.cshtml  Details.cshtml  Delete.cshtml  _Layout.cshtml  Create.cshtml  Index.cshtml
1  @model lab04.Models.EmployeesModel
2
3  @
4  ViewBag.Title = "Edit";
5  }
6
7  @using (Html.BeginForm())
8  {
9      @Html.AntiForgeryToken()
10
11      <div class="form-horizontal">
12          <h4 class="alert alert-primary">Employees Edit</h4>
13          <hr />
14          @Html.ValidationSummary(true, "", new { @class = "text-danger" })
15          <div class="form-group">
16              @Html.LabelFor(model => model.EmployeeId, htmlAttributes: new { @class = "control-label col-md-2" })
17              <div class="col-md-10">
18                  @Html.EditorFor(model => model.EmployeeId, new { htmlAttributes = new { @class = "form-control" } })
19                  @Html.ValidationMessageFor(model => model.EmployeeId, "", new { @class = "text-danger" })
20              </div>
21          </div>
22
23          <div class="form-group">
24              @Html.LabelFor(model => model.EmployeeName, htmlAttributes: new { @class = "control-label col-md-2" })
25              <div class="col-md-10">
26                  @Html.EditorFor(model => model.EmployeeName, new { htmlAttributes = new { @class = "form-control" } })
27                  @Html.ValidationMessageFor(model => model.EmployeeName, "", new { @class = "text-danger" })
28              </div>
29          </div>
30
31          <div class="form-group">
32              @Html.LabelFor(model => model.Email, htmlAttributes: new { @class = "control-label col-md-2" })
33              <div class="col-md-10">
34                  @Html.EditorFor(model => model.Email, new { htmlAttributes = new { @class = "form-control" } })
35                  @Html.ValidationMessageFor(model => model.Email, "", new { @class = "text-danger" })
36              </div>
37          </div>
38
39          @<div class="form-group">
40              @Html.LabelFor(model => model.Age, htmlAttributes: new { @class = "control-label col-md-2" })
41              <div class="col-md-10">
42                  @Html.EditorFor(model => model.Age, new { htmlAttributes = new { @class = "form-control" } })
43                  @Html.ValidationMessageFor(model => model.Age, "", new { @class = "text-danger" })
44              </div>
45          </div>
46
47          <div class="form-group">
48              @Html.LabelFor(model => model.Birthday, htmlAttributes: new { @class = "control-label col-md-2" })
```

```

49     <div class="col-md-10">
50         @Html.EditorFor(model => model.Birthday, new { htmlAttributes = new { @class = "form-control" } })
51         @Html.ValidationMessageFor(model => model.Birthday, "", new { @class = "text-danger" })
52     </div>
53 </div>
54
55 <div class="form-group">
56     @Html.LabelFor(model => model.Type, htmlAttributes: new { @class = "control-label col-md-2" })
57     <div class="col-md-10">
58         @Html.EditorFor(model => model.Type, new { htmlAttributes = new { @class = "form-control" } })
59
60         @Html.DropDownListFor(model => model.Type, new List<SelectListItem> {
61             new SelectListItem { Text = "BOO", Value = "BOO", Selected = true },
62             new SelectListItem { Text = "Leader", Value = "Leader" },
63             new SelectListItem { Text = "HR", Value = "HR" },
64             new SelectListItem { Text = "Staff", Value = "Staff" }, })
65
66         @Html.ValidationMessageFor(model => model.Type, "", new { @class = "text-danger" })
67     </div>
68 </div>
69
70 <div class="form-group">
71     <div class="col-md-offset-2 col-md-10">
72         <input type="submit" value="Save" class="btn btn-success" /> |
73         @Html.ActionLink("Cancel", "Index", new { }, new { @class = "btn btn-danger" })
74     </div>
75 </div>
76 </div>
77 }
78
79 <div>
80 </div>
81

```

Details.cshtml

```
Edit.cshtml  Details.cshtml  Delete.cshtml  _Layout.cshtml  Create.cshtml  Index.cshtml

10 <hr />
11 <div class="container">
12 <dl class="dl-horizontal">
13 <dt>
14 @Html.DisplayNameFor(model => model.EmployeeId)
15 </dt>
16
17 <dd>
18 @Html.DisplayFor(model => model.EmployeeId)
19 </dd>
20
21 <dt>
22 @Html.DisplayNameFor(model => model.EmployeeName)
23 </dt>
24
25 <dd>
26 @Html.DisplayFor(model => model.EmployeeName)
27 </dd>
28
29 <dt>
30 @Html.DisplayNameFor(model => model.Email)
31 </dt>
32
33 <dd>
34 @Html.DisplayFor(model => model.Email)
35 </dd>
36
37 <dt>
38 @Html.DisplayNameFor(model => model.Age)
39 </dt>
40
41 <dd>
42 @Html.DisplayFor(model => model.Age)
43 </dd>
44
45 <dt>
46 @Html.DisplayNameFor(model => model.Birthday)
47 </dt>
48
49 <dd>
50 @Html.DisplayFor(model => model.Birthday)
51 </dd>
52
53 <dt>
54 @Html.DisplayNameFor(model => model.Type)
55 </dt>
56
57 <dd>
58 @Html.DisplayFor(model => model.Type)
59 </dd>
60
61 </dl>
62 <div class="alert-danger">
63 @Html.ActionLink("Edit", "Edit", new { EmployeeId = Model.EmployeeId }, new { @class = "btn btn-info" }) |
64 @Html.ActionLink("Cancel", "Index", new { }, new { @class = "btn btn-danger" })
65 </div>
66 </div>
```

Delete.cshtml

```
Edit.cshtml Details.cshtml Delete.cshtml _Layout.cshtml Create.cshtml Index.cshtml
1 @model Lab04.Models.EmployeesModel
2
3
4 ViewBag.Title = "Delete";
5
6
7 <h2 class="bg-primary text-center">Delete</h2>
8
9 <h3 class="text-danger">Are you sure you want to delete this?</h3>
10 <div class="container">
11     <h4 class="dl-horizontal alert alert-info">Employees Info</h4>
12     <hr />
13     <dl class="dl-horizontal">
14         <dt>
15             @Html.DisplayNameFor(model => model.EmployeeId)
16         </dt>
17
18         <dd>
19             @Html.DisplayFor(model => model.EmployeeId)
20         </dd>
21
22         <dt>
23             @Html.DisplayNameFor(model => model.EmployeeName)
24         </dt>
25
26         <dd>
27             @Html.DisplayFor(model => model.EmployeeName)
28         </dd>
29
30         <dt>
31             @Html.DisplayNameFor(model => model.Email)
32         </dt>
33
34         <dd>
35             @Html.DisplayFor(model => model.Email)
36         </dd>
37
38         <dt>
39             @Html.DisplayNameFor(model => model.Age)
40         </dt>
41
42         <dd>
43             @Html.DisplayFor(model => model.Age)
44         </dd>
45
46         <dt>
47             @Html.DisplayNameFor(model => model.Birthday)
48         </dt>
```

```
49
50     <dd>
51         @Html.DisplayFor(model => model.Birthday)
52     </dd>
53
54     <dt>
55         @Html.DisplayNameFor(model => model.Type)
56     </dt>
57
58     <dd>
59         @Html.DisplayFor(model => model.Type)
60     </dd>
61
62 </dl>
63
64 @using (Html.BeginForm()) {
65     @Html.AntiForgeryToken()
66
67     <div class="form-actions no-color">
68         @Html.HiddenFor(model => model.EmployeeId)
69         <input type="submit" value="Delete" class="btn btn-success" /> |
70         @Html.ActionLink("Cancel", "Index", new { }, new { @class = "btn btn-danger" })
71     </div>
72 }
73 </div>
74
```

IndexBOD.cshtml


```

Index80D.cshtml Edit.cshtml Details.cshtml Delete.cshtml _Layout.cshtml Create.cshtml Index.cshtml
1 @model IEnumerable<lab04.Models.EmployeesModel>
2
3
4 ViewBag.Title = "Index800";
5 Layout = "~/Views/Shared/_Layout.cshtml";
6
7
8 <div class="bg-primary text-center">@ViewBag.Msg</div>
9 <br />
10 <div>
11     @using (Html.BeginForm())
12     {
13         <b>Search: </b>
14         <text>Name Employee: </text> @Html.TextBox("EmployeeSearch")
15         <text>Email: </text> @Html.TextBox("EmployeeEmailSearch")
16         <input class="btn btn-outline-primary" type="submit" value="Search" id="search" />
17     }
18 </div>
19 <br />
20 <table class="table table-info table-striped">
21 <thead style="background-color:gainsboro">
22 <tr>
23 <th>
24     @Html.DisplayNameFor(model => model.EmployeeId)
25 </th>
26 <th>
27     @Html.DisplayNameFor(model => model.EmployeeName)
28 </th>
29 <th>
30     @Html.DisplayNameFor(model => model.Email)
31 </th>
32 <th>
33     @Html.DisplayNameFor(model => model.Age)
34 </th>
35 <th>
36     @Html.DisplayNameFor(model => model.Birthday)
37 </th>
38 <th>
39     @Html.DisplayNameFor(model => model.Type)
40 </th>
41 <th>
42     Action
43 </th>
44 </tr>
45 </thead>
46 <tbody>
47     @foreach (var item in Model)
48     {

```

```

49 <tr>
50 <td>
51     @Html.DisplayFor(modelItem => item.EmployeeId)
52 </td>
53 <td>
54     @Html.DisplayFor(modelItem => item.EmployeeName)
55 </td>
56 <td>
57     @Html.DisplayFor(modelItem => item.Email)
58 </td>
59 <td>
60     @Html.DisplayFor(modelItem => item.Age)
61 </td>
62 <td>
63     @Html.DisplayFor(modelItem => item.Birthday)
64 </td>
65 <td>
66     @Html.DisplayFor(modelItem => item.Type)
67 </td>
68 <td>
69     @Html.ActionLink("Edit", "Edit", new { EmployId = item.EmployeeId }, new { @class = "btn btn-warning btn-xs" }) |
70     @Html.ActionLink("Details", "Details", new { EmployId = item.EmployeeId }, new { @class = "btn btn-info btn-xs" }) |
71     @Html.ActionLink("Delete", "Delete", new { EmployId = item.EmployeeId }, new { @class = "btn btn-danger btn-xs" })
72 </td>
73 </tr>
74 </tbody>
75 </table>
76
77

```

IndexHR.cshtml

```
IndexHR.cshhtml  X IndexBOD.cshhtml  Edit.cshhtml  Details.cshhtml  Delete.cshhtml  _Layout.cshhtml  Create.cshhtml  Index.cshhtml
1 @model IEnumerable<lab04.Models.EmployeesModel>
2
3
4 ViewBag.Title = "IndexHR";
5 Layout = "~/Views/Shared/_Layout.cshhtml";
6
7
8 <div class="bg-primary text-center">@ViewBag.Msg</div>
9 <br />
10 <div>
11     @using (Html.BeginForm())
12     {
13         <b> Search: </b>
14         <text>Name: </text> @Html.TextBox("EmployeeSearch")
15         <text>Email: </text> @Html.TextBox("EmployeeEmailSearch")
16         <input class="btn btn-outline-primary" type="submit" name="submit" value="Search" id="search" />
17     }
18 </div>
19 <br />
20 <table class="table table-info table-striped">
21     <thead style="background-color:gainsboro">
22         <tr>
23             <th>
24                 @Html.DisplayNameFor(model => model.EmployeeId)
25             </th>
26             <th>
27                 @Html.DisplayNameFor(model => model.EmployeeName)
28             </th>
29             <th>
30                 @Html.DisplayNameFor(model => model.Email)
31             </th>
32             <th>
33                 @Html.DisplayNameFor(model => model.Age)
34             </th>
35             <th>
36                 @Html.DisplayNameFor(model => model.Birthday)
37             </th>
38             <th>
39                 @Html.DisplayNameFor(model => model.Type)
40             </th>
41             <th>
42                 Action
43             </th>
44         </tr>
45     </thead>
46     <tbody>
47         @foreach (var item in Model)
48         {
```

```

49 <tr>
50 <td>
51     @Html.DisplayFor(modelItem => item.EmployeeId)
52 </td>
53 <td>
54     @Html.DisplayFor(modelItem => item.EmployeeName)
55 </td>
56 <td>
57     @Html.DisplayFor(modelItem => item.Email)
58 </td>
59 <td>
60     @Html.DisplayFor(modelItem => item.Age)
61 </td>
62 <td>
63     @Html.DisplayFor(modelItem => item.Birthday)
64 </td>
65 <td>
66     @Html.DisplayFor(modelItem => item.Type)
67 </td>
68 <td>
69     @Html.ActionLink("Edit", "Edit", new { EmployId = item.EmployeeId }, new { @class = "btn btn-warning btn-xs" }) |
70     @Html.ActionLink("Details", "Details", new { EmployId = item.EmployeeId }, new { @class = "btn btn-info btn-xs" }) |
71     @Html.ActionLink("Delete", "Delete", new { EmployId = item.EmployeeId }, new { @class = "btn btn-danger btn-xs" })
72 </td>
73 </tr>
74 </tbody>
75 </table>
76
77

```

IndexLead.cshtml và IndexStaff.cshtml tương tự IndexHR.cshtml và IndexBOD.cshtml

Layout.cshtml

```
IndexLead.cshtml  IndexHR.cshtml  IndexBOD.cshtml  Edit.cshtml  Details.cshtml  Delete.cshtml  Layout.cshtml*  Create.cshtml  Index.cshtml
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="utf-8" />
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>@ViewBag.Title - My ASP.NET Application</title>
7      <link href="~/Content/bootstrap.min.css" rel="stylesheet" type="text/css" />
8      <script src="~/Scripts/jquery-3.0.0.min.js"></script>
9      <script src="~/Scripts/bootstrap.min.js"></script>
10     <script src="~/Scripts/jquery.validate.min.js"></script>
11     <script src="~/Scripts/jquery.validate.unobtrusive.min.js"></script>
12     <link rel="stylesheet" href="~/Content/bootstrap.min.css" />
13 </head>
14 <body>
15     <nav class="navbar navbar-expand-lg navbar-light " style="background-color:#e3f2fd;">
16         <div class="container-fluid">
17             <div class="navbar-header">
18                 <div class="navbar-brand">Employees List</div>
19             </div>
20             <ul class="nav collapse navbar-collapse">
21                 <li><a class="nav-link" href="/Home/Index">Employees</a></li>
22                 <li><a class="nav-link" href="/Home/IndexBOD">BOD</a></li>
23                 <li><a class="nav-link" href="/home/IndexLead">Lerder</a></li>
24                 <li><a class="nav-link" href="/Home/IndexHR">Human Resources</a></li>
25                 <li><a class="nav-link" href="/Home/IndexStaff">Staff</a></li>
26             </ul>
27         </div>
28     </nav>
29
30     <div class="container body-content">
31         @RenderBody()
32         <hr />
33         <footer>
34             <p>&copy; @DateTime.Now.Year - My ASP.NET Application</p>
35         </footer>
36     </div>
37
38
39 </body>
40 </html>
```

Test:

Index

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localhost:44364

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Employees List Employees BOD Lerder Human Resources Staff

Add new employee

Employee XML Data

Search: Name Employee: Email: Search

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	Edit Details Delete
2	Diem	diem.ngtruc@gmail.com	20	2000-09-09	Leader	Edit Details Delete
3	Nghia	rxn@gmail.com	20	2000-06-08	HR	Edit Details Delete
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	Edit Details Delete
5	Employee	empl@gmail.com	21	2000-03-21	Staff	Edit Details Delete
6	Employ	employ@gmail.com	23	1998-02-22	Staff	Edit Details Delete
7	Employees	employee@gmail.com	26	1995-05-18	HR	Edit Details Delete
8	admin	admin@gmail.com	23	1998-02-15	Leader	Edit Details Delete
9	admin01	admin01@gmail.com	21	2000-01-30	BOD	Edit Details Delete

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Windows Taskbar: 10:18 AM 5/21/2021

Add employee

The screenshot displays a web application interface. At the top, a browser window shows the address bar with 'localhost:44364/Home/Index'. Below the browser, a table lists existing employees. Each row contains an ID, Name, Email, Age, Birthday, and Role, followed by 'Edit', 'Details', and 'Delete' buttons. Below the table is a blue 'Add Employee' form. The form includes input fields for Employee ID (containing '10'), Employee Name, Email, and Birthday (containing '21/05/2021'). There is a 'Type' dropdown menu currently set to 'BOD'. At the bottom of the form are 'Create' and 'Cancel' buttons. The footer of the application shows '© 2021 - My ASP.NET Application'.

ID	Name	Email	Age	Birthday	Role	Actions
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	Edit Details Delete
5	Employee	empl@gmail.com	21	2000-03-21	Staff	Edit Details Delete
6	Employ	employ@gmail.com	23	1998-02-22	Staff	Edit Details Delete
7	Employees	employee@gmail.com	26	1995-05-18	HR	Edit Details Delete
8	admin	admin@gmail.com	23	1998-02-15	Leader	Edit Details Delete
9	admin01	admin01@gmail.com	21	2000-01-30	BOD	Edit Details Delete

Add Employee

Employee ID:

Employee Name:

Email:

Birthday:

Type:

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Facebook

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localhost:44364

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Employees ListEmployeesBODLerderHuman ResourcesStaff

Add new employee

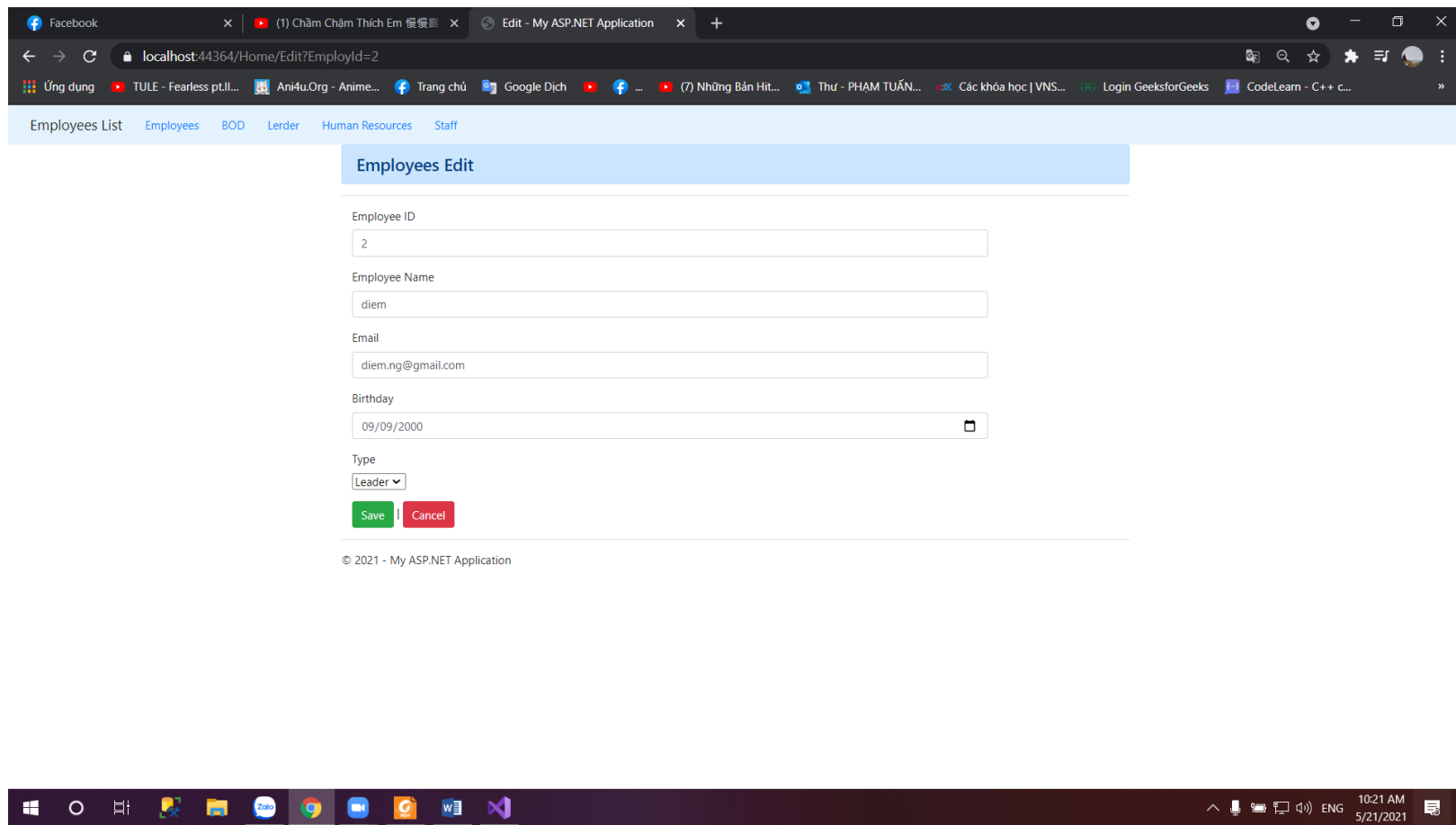
Employee XML Data

Search: Name Employee: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
2	Diem	diem.ngtruc@gmail.com	20	2000-09-09	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
3	Nghia	rxn@gmail.com	20	2000-06-08	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
5	Employee	empl@gmail.com	21	2000-03-21	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
6	Employ	employ@gmail.com	23	1998-02-22	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
7	Employees	employee@gmail.com	26	1995-05-18	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
8	admin	admin@gmail.com	23	1998-02-15	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
9	admin01	admin01@gmail.com	21	2000-01-30	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
10	long	ptlong@gmail.com	20	2000-12-21	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

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Employees ListEmployeesBODLerderHuman ResourcesStaff

Add new employee

Employee XML Data

Search: Name Employee: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
2	diem	diem.ng@gmail.com	20	2000-09-09	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
3	Nghia	nxn@gmail.com	20	2000-06-08	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
5	Employee	empl@gmail.com	21	2000-03-21	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
6	Employ	employ@gmail.com	23	1998-02-22	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
7	Employees	employee@gmail.com	26	1995-05-18	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
8	admin	admin@gmail.com	23	1998-02-15	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
9	admin01	admin01@gmail.com	21	2000-01-30	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
10	long	ptlong@gmail.com	20	2000-12-21	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

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10:22 AM
5/21/2021

Details

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localhost:44364/Home/Details?EmployId=1

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Employees List Employees BOD Lerder Human Resources Staff

Employees Details

Employee ID
1

Employee Name
admin

Email
p.tuanlong@gmail.com

Age
20

Birthday
2000-12-21

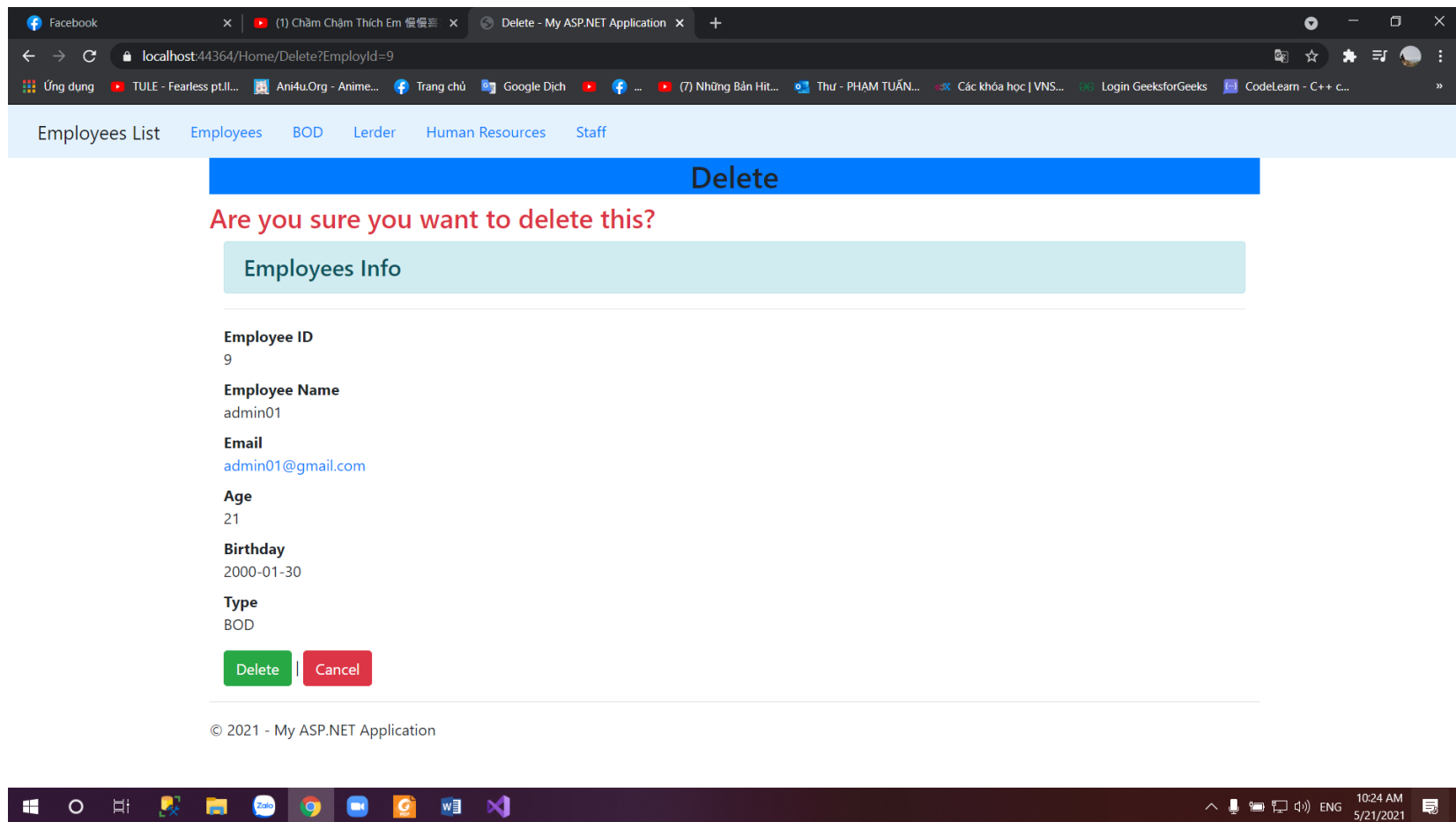
Type
BOD

Edit Cancel

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Windows Taskbar Icons

10:22 AM 5/21/2021 ENG



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localhost:44364

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Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	Edit Details Delete
2	diem	diem.ng@gmail.com	20	2000-09-09	Leader	Edit Details Delete
3	Nghia	nxn@gmail.com	20	2000-06-08	HR	Edit Details Delete
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	Edit Details Delete
5	Employee	empl@gmail.com	21	2000-03-21	Staff	Edit Details Delete
6	Employ	employ@gmail.com	23	1998-02-22	Staff	Edit Details Delete
7	Employees	employee@gmail.com	26	1995-05-18	HR	Edit Details Delete
8	admin	admin@gmail.com	23	1998-02-15	Leader	Edit Details Delete
10	long	ptlong@gmail.com	20	2000-12-21	Leader	Edit Details Delete

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Windows Taskbar: 10:25 AM 5/21/2021

Menu:

Facebook | (1) Châm Châm Thích Em | IndexBOD - My ASP.NET Applica

localhost:44364/Home/IndexBOD

Ứng dụng | TULE - Fearless pt.II... | Ani4u.Org - Anime... | Trang chủ | Google Dịch | (7) Những Bản Hit... | Thư - PHAM TUẤN... | Các khóa học | VNS... | Login GeeksforGeeks | CodeLearn - C++ c...

Employees List | Employees | BOD | Lerder | Human Resources | Staff

Employee BOD List

Search: Name Employee: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

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Windows taskbar: 10:34 AM 5/21/2021

Employee leader List

Search: Name: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
2	diem	diem.ng@gmail.com	20	2000-09-09	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
8	admin	admin@gmail.com	23	1998-02-15	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
10	long	ptlong@gmail.com	20	2000-12-21	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

Employee HR List

Search: Name: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
3	Nghia	nxn@gmail.com	20	2000-06-08	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
7	Employees	employee@gmail.com	26	1995-05-18	HR	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

Employee Staff List

Search: Name: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
4	Khai	HTLK@gmail.com	20	2000-10-30	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
5	Employee	empl@gmail.com	21	2000-03-21	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
6	Employ	employ@gmail.com	23	1998-02-22	Staff	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

Employees List Employees BOD Lerdar Human Resources Staff

Add new employee

Employee XML Data

Search: Name Employee: d Email: Search

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	Edit Details Delete
2	diem	diem.ng@gmail.com	20	2000-09-09	Leader	Edit Details Delete
8	admin	admin@gmail.com	23	1998-02-15	Leader	Edit Details Delete

Employees List Employees BOD Lerder Human Resources Staff

Add new employee

Employee XML Data

Search: Name Employee: Email:

Employee ID	Employee Name	Email	Age	Birthday	Type	Action
1	admin	p.tuanlong@gmail.com	20	2000-12-21	BOD	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>
8	admin	admin@gmail.com	23	1998-02-15	Leader	<input type="button" value="Edit"/> <input type="button" value="Details"/> <input type="button" value="Delete"/>

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