

WebShopApp - Част 6 - Работа с потребители

Добавяне на възможност за виждане на всички регистрирани потребители от администратора и възможност за изтриване на потребител/клиент/.

WebShopApp Home Privacy Products Statistic Modul ▾ Hello admin! Logout

Clients
Orders

Index

| UserName | FirstName | LastName | Address | Email | |
|----------|-----------|----------|---------|--------------|--------|
| test | Test | Test | Pernik | test@abv.bg | Delete |
| test2 | Test2 | Test2 | Sofia | test2@abv.bg | Delete |

В папка Models Правим нова папка Client и в нея вю модел ClientIndexVM.

```
public class ClientIndexVM
{
    public string Id { get; set; } = null!;

    [Display(Name = "Username")]
    public string UserName { get; set; } = null!;

    [Display(Name = "First Name")]
    public string FirstName { get; set; } = null!;

    [Display(Name = "Last Name")]
    public string LastName { get; set; } = null!;

    public string Address { get; set; } = null!;

    public string Email { get; set; } = null!;

    public bool IsAdmin { get; set; }
}
```

Създаваме контролер ClientController

В него инжектираме UserManager и имплементираме екшъна Index

```
public class ClientController : Controller
{
    private readonly UserManager<ApplicationUser> _userManager;

    public ClientController(UserManager<ApplicationUser> userManager)
    {
        this._userManager = userManager;
    }

    // GET: ClientController
    public async Task<IActionResult> Index()
    {
        var allUsers = this._userManager.Users
            .Select(u => new ClientIndexVM
            {
                Id = u.Id,
                UserName = u.UserName,
                FirstName = u.FirstName,
                LastName = u.LastName,
                Address = u.Address,
                Email = u.Email,
            })
            .ToList();

        // Id на всички администратори
        var adminIds = (await _userManager.GetUsersInRoleAsync("Administrator"))
            .Select(a => a.Id).ToList();

        //Ако потребителят е в списъка, то IsAdmin става true
        foreach (var user in allUsers)
        {
            user.IsAdmin = adminIds.Contains(user.Id);
        }

        //Вадим само клиентите без администратора и ги сортираме по username
        var users = allUsers.Where(x => x.IsAdmin == false)
            .OrderBy(x => x.UserName).ToList();

        //връщаме списъка
        return this.View(users);
    }
}
```

Създаваме вю за Index() на ClientController в папка Views/Client

```
@model IEnumerable<WebShopApp.Models.Client.ClientIndexVM>

@{
    ViewData["Title"] = "Index";
}

<h1>Clients</h1>

<table class="table">
    <thead>
        <tr>
            <th>
                @Html.DisplayNameFor(model => model.UserName)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.FirstName)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.LastName)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Address)
            </th>
            <th>
                @Html.DisplayNameFor(model => model.Email)
            </th>
        </tr>
    </thead>
    <tbody>
        @foreach (var item in Model)
        {
            <tr>
                <td>
                    @Html.DisplayFor(modelItem => item.UserName)
                </td>
                <td>
                    @Html.DisplayFor(modelItem => item.FirstName)
                </td>
                <td>
                    @Html.DisplayFor(modelItem => item.LastName)
                </td>
                <td>
                    @Html.DisplayFor(modelItem => item.Address)
                </td>
                <td>
                    @Html.DisplayFor(modelItem => item.Email)
                </td>
                <td>
                    <a asp-action="Delete" asp-route-id="@item.Id" class="btn-
danger">Delete</a>
                </td>
            </tr>
        }
    </tbody>
</table>
```

В `_Layout.cshnml` да запишем правилния контролер и екшън за обработка на клиентите.

```
if ((this.User.Identity.IsAuthenticated) && (this.User.IsInRole("Administrator")))
{
    <li class="dropdown">
        <button class="btn btn-secondary dropdown-toggle" type="button" id="dropdownMenuButton1"
            data-bs-toggle="dropdown" aria-expanded="false">
            Statistic Modul
        </button>

        <ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">
            <li><a class="dropdown-item" href="/Client/Index">Clients</a></li>
            <li><a class="dropdown-item" href="/Order/Index">Orders</a></li>
        </ul>
    </li>
}
```

WebShopApp Home Privacy Products My Orders Orders Clients **Statistic Modul** Hello admin!

Clients

Clients
Orders

| Username | First Name | Last Name | Address | Email | |
|----------|------------|-----------|-----------------|--------------|--------|
| gogo | gogo | gogov | Pernik lulin 67 | test@abv.bg | Delete |
| toto | toto | totov | sofia lulin 89 | test5@abv.bg | Delete |

Тествайте, като влезете в администраторския профил.

Изтриване на потребител

Създаваме `ClientDeleteVM` в папка `Models`

```
public class ClientDeleteVM
{
    public string Id { get; set; } = null!;

    [Display(Name = "Username")]
    public string UserName { get; set; } = null!;

    [Display(Name = "First Name")]
    public string FirstName { get; set; } = null!;

    [Display(Name = "Last Name")]
    public string LastName { get; set; } = null!;

    public string Address { get; set; } = null!;

    public string Email { get; set; } = null!;
}
```

Имплементираме екшън Delete в ClientController

```
// GET: ClientController/Delete/5
0 references
public ActionResult Delete(string id)
{
    var user = this.userManager.Users.FirstOrDefault(x => x.Id == id);

    if (user == null)
    {
        return NotFound();
    }
    ClientDeleteVM userToDelete = new ClientDeleteVM()
    {
        Id = user.Id,
        FirstName = user.FirstName,
        LastName = user.LastName,
        Address = user.Address,
        Email = user.Email,
        UserName = user.UserName
    };
    return View(userToDelete);
}

// POST: ClientController/Delete/5
[HttpPost]
[ValidateAntiForgeryToken]
public async Task<IActionResult> Delete(ClientDeleteVM bindingModel)
{
    string id = bindingModel.Id;
    var user = await _userManager.FindByIdAsync(id);
    if (user == null)
    {
        return NotFound();
    }
    IdentityResult result = await _userManager.DeleteAsync(user);
    if (result.Succeeded)
    {
        return RedirectToAction("Success");
    }
    return NotFound();
}

public ActionResult Success()
{
    return View();
}
```

Създаваме вюта в папка Views/Client с имена Delete и Success

```
@model WebShopApp.Models.Client.ClientDeleteVM
@{
    ViewData["Title"] = "Delete";
}

<h1>Delete</h1>
<h3>Are you sure you want to delete this?</h3>
<div>
    <h4>ClientDeleteVM</h4>
    <hr />
    <dl class="row">
        <dt class="col-sm-2">
            @Html.DisplayNameFor(model => model.UserName)
        </dt>
        <dd class="col-sm-10">
            @Html.DisplayFor(model => model.UserName)
        </dd>
        <dt class="col-sm-2">
            @Html.DisplayNameFor(model => model.FirstName)
        </dt>
        <dd class="col-sm-10">
            @Html.DisplayFor(model => model.FirstName)
        </dd>
        <dt class="col-sm-2">
            @Html.DisplayNameFor(model => model.LastName)
        </dt>
        <dd class="col-sm-10">
            @Html.DisplayFor(model => model.LastName)
        </dd>
        <dt class="col-sm-2">
            @Html.DisplayNameFor(model => model.Address)
        </dt>
        <dd class="col-sm-10">
            @Html.DisplayFor(model => model.Address)
        </dd>
        <dt class="col-sm-2">
            @Html.DisplayNameFor(model => model.Email)
        </dt>
        <dd class="col-sm-10">
            @Html.DisplayFor(model => model.Email)
        </dd>
    </dl>
    <form asp-action="Delete">
        <input type="hidden" asp-for="Id" />
        <input type="submit" value="Delete" class="btn btn-danger" /> |
        <a asp-action="Index" class="btn btn-warning">Back to List</a>
    </form>
</div>
```

```
e.cshtml Success.cshtml* ClientDeleteVM.cs* Index.cshtml
1 @{}
2     ViewData["Title"] = "Success";
3 }
4
5 <h1>You successfully remove a user!</h1>
6 <div>
7
8     <a asp-action="Index">Back to List</a>
9 </div>
10
```

Тествайте, като влезете в администраторския профил.

WebShopApp Home Privacy Products My Orders **Statistic Modul** Hello admin! Logout

| Clients | | | | | |
|----------|------------|-----------|-----------------|--------------|--------|
| Username | First Name | Last Name | Address | Email | |
| gogo | gogo | gogov | Pernik lulin 67 | test@abv.bg | Delete |
| toto | toto | totov | sofia lulin 89 | test5@abv.bg | Delete |

WebShopApp Home Privacy Products My Orders **Statistic Modul**

Delete

Are you sure you want to delete this?

ClientDeleteVM

Usernamegogo

First Namegogo

Last Namegogov

AddressPernik lulin 67

Emailtest@abv.bg

Delete

Back to List

WebShopApp Home Privacy Products My Orders **Statistic Modul**

You successfully remove a user!

[Back to List](#)