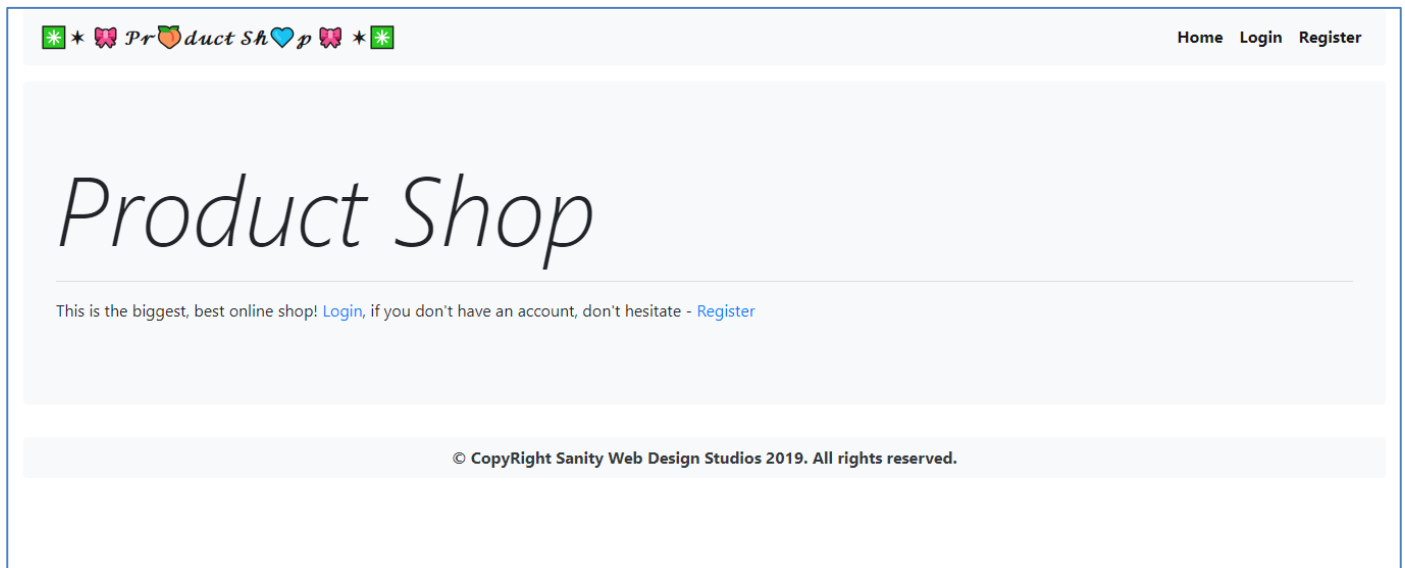


# Project: Product Shop

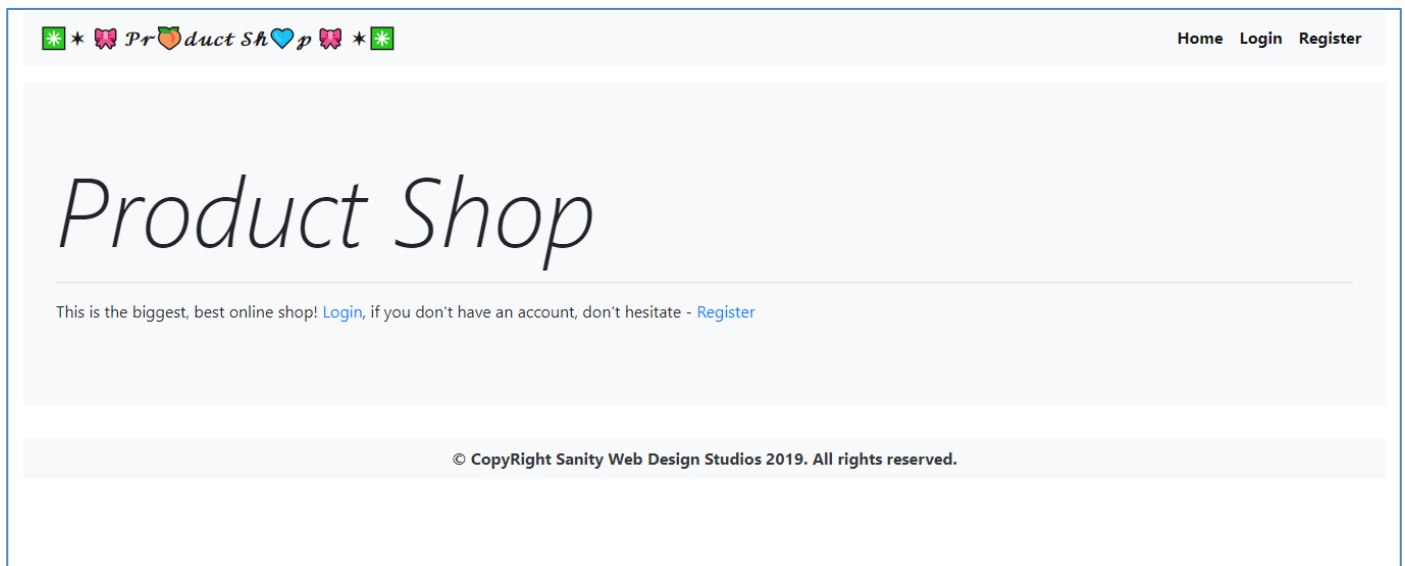
**Product Shop** is a system that registers users, categories, products and orders. It is a significantly big project, and as such it will have several parts. In this exercise you will land the basics of the application, in other words - the user functionality.



## Workshop: Part 1 - Users

### 1. Views

You will be given a couple of views.



## Register

**Username**

**Password**

**Confirm Password**

**Email**

Register

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## Login

**Username**

**Password**

Login

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Product Shop

HomeProfileModeratorAdminLogout



**pesho**  
pesho0o0o0o0o00@abv.bg

Edit Profile

Product Shop

HomeProfileModeratorAdminLogout

## Edit Profile

Username

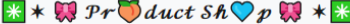
Old Password

New Password

Confirm New Password

Email

Edit

 <span>Home</span> <span>Profile</span> <span>Moderator ▾</span> <span>Admin ▾</span> <span>Logout</span>				
All Users				
#	Username	Email	Roles	Actions
1	pesho	pesho@abv.bg	ADMIN, MODERATOR, ROOT, USER	
2	spaska	spaska@abv.bg	USER	<span>MODERATOR</span> <span>ADMIN</span>
3	gosho	gosho@mail.cmo	MODERATOR, USER	<span>USER</span> <span>ADMIN</span>

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## 2. Data Entities

Create the required **entities**. Use the appropriate **data types**. In this exercise you will have Users and their Roles

- **User**
  - **Id** – primary key, universally unique identifier
  - **Password** – string
  - **Email** – string
- **Role**
  - **Id** – primary key, universally unique identifier
  - **Authority** - string

## 3. Establish the Back-End

Create the required:

- **Entities**
- **Models**
- **Repositories**
- **Services**
- **Controllers**

## 4. Register User

Create a functionality to **register** Users.

[Home](#) [Login](#) [Register](#)

## Register

**Username**

**Password**

**Confirm Password**

**Email**

Register

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## 5. Login User

Create a functionality that **logs in** user.

[Home](#) [Login](#) [Register](#)

## Login

**Username**

**Password**

Login

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## 6. View Profile

Create a functionality to **view** the current logged in user's profile. You should be able to go to edit profile page.



## 7. Edit User's Profile

Create a functionality to **edit** User, in other words a functionality that can change the user's password and/or email

A screenshot of the 'Edit Profile' form. The page has the same navigation bar as the previous image. The main heading is 'Edit Profile'. Below it, there are five input fields, each with a label above it: 'Username' (containing 'pesho'), 'Old Password' (containing 'Password...'), 'New Password' (containing 'New Password...'), 'Confirm New Password' (containing 'Confirm New Password...'), and 'Email' (containing 'pesho0o0o0o0o00@abv.bg'). At the bottom of the form, there is a dark button labeled 'Edit'.

## 8. Admin Functionality

Admins should be able to see all users and change their roles

## All Users

#	Username	Email	Roles	Actions
1	pesho	pesho@abv.bg	ADMIN, MODERATOR, ROOT, USER	
2	spaska	spaska@abv.bg	USER	<button>MODERATOR</button> <button>ADMIN</button>
3	gosho	gosho@mail.cmo	MODERATOR, USER	<button>USER</button> <button>ADMIN</button>

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