

ESHTERY Online Shopping

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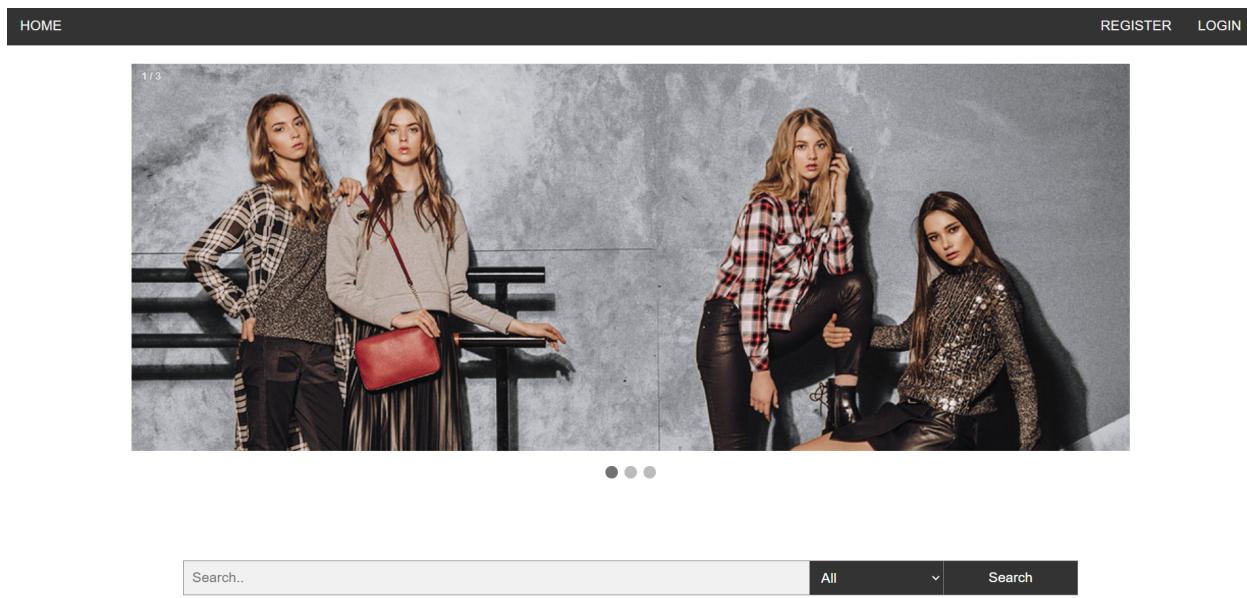
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Main Idea

Eshtery websites aims to establish an online platform for shopping. It allows the user to browse different categories of items and to select and buy their desired items. Eshtery offers a user friendly design and UI to make the shopping experience easier and more enjoyable. Eshtery comes with Admin controls that allow managing the website's content easily and smoothly.

Pages

Default Page:



The Default page (home page) is the first page the user views and represents the website's home page. It offers an easy navigation through the website without requiring the user to log in. The user can search for a specific item, view items by category, search in a certain category and navigate to the login or register page.

Register Page:

The screenshot shows a registration form titled "REGISTER". It includes fields for Name, Password, Re-Enter Password, Birthdate (with a date picker), Gender (Male/Female radio buttons), Address, Phone Number, and E-Mail. A "Register" button is at the bottom.

The Register page is the page that allows the user to create an account on the Eshtery website. The user is required to enter: Name, Password, Birthdate, Gender, Address, Phone Number and Email. All the mentioned criteria are then validated against the proper rules of entry and if everything is right the user successfully creates an account and is redirected to the Login page, else an error message appears to guide the user on what to do. The page allows the user to navigate back to the Default page.

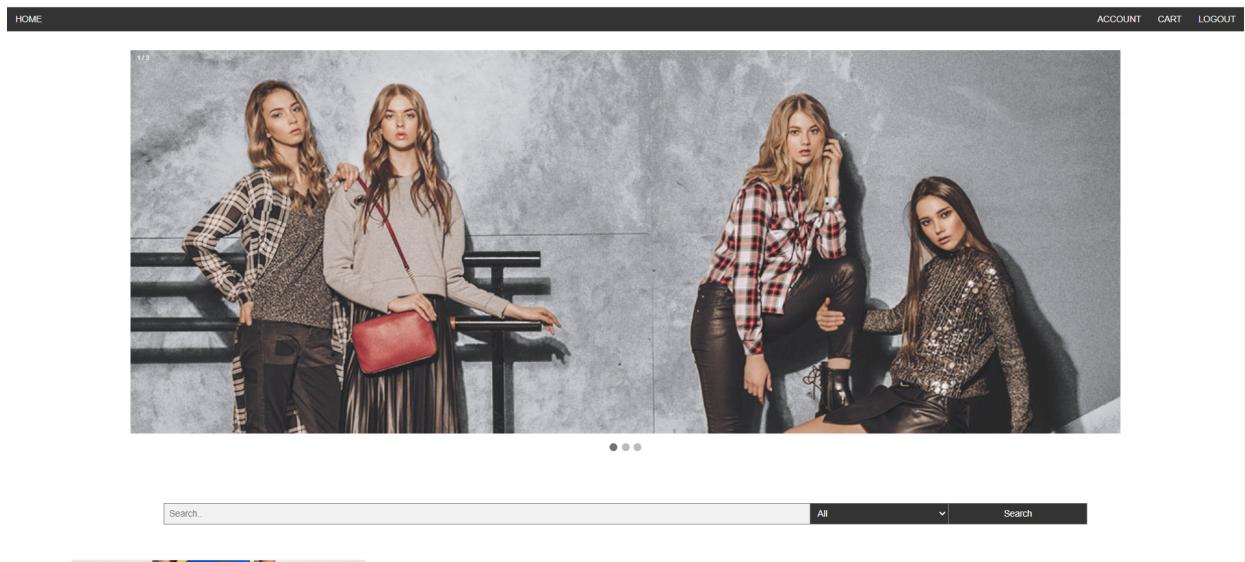
Login Page:

The screenshot shows a login form titled "LOGIN". It includes fields for Email (placeholder "Enter Email") and Password (placeholder "Enter Password"). Below the fields are "Login" and "Register" buttons.

The Login page is the page that allows the user to login using his registered credentials - email and password - and once logged in the user is redirected to the Logged User page.

The entered credentials are validated against the database and the correct format of text input. If the user enters missing or wrong credentials an error message appears directing him to either re-enter the credentials or to register. The Login page also allows navigation to the Register page and back to the Default page.

Logged User Page:



The Logged User page offers the same functionality as the Default page with the addition of allowing the user to add an item to their cart, navigate to their Account page, navigate to their Cart page or log out of their account.

 Two product cards are shown side-by-side. The left card features a woman wearing a light-colored short-sleeved button-down shirt with a pocket. The right card features a pair of white lace-up sneakers. Both cards have a white overlay with product details.

 Shirt 17.99\$ <small>Description: Shirt Description, Write a description here.</small> <input type="button" value="Add to Cart"/> <input type="button" value="1"/> ▾	 Shoes 27.99\$ <small>Description: Shoes Description, Write a description here.</small> <input type="button" value="Add to Cart"/> <input type="button" value="1"/> ▾
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The user can add an item to cart by clicking on the "Add to Cart" button and can specify the item's quantity by choosing the required amount from the dropdown list.

User Account Page:

The screenshot shows a user account page with a dark header bar containing 'HOME', 'ACCOUNT', 'CART', and 'LOGOUT' links. The main content area has a title 'Your Account:' and a form titled 'Details:'.

Details:

- Name: Andrew
- Email: andrew@gmail.com
- Gender: Male
- Phone Number: 0110201318
- Address: Nasr City

A 'SAVE' button is located at the bottom of the details form.

Order History:

Two buttons are visible: 'Delivered Orders' and 'Delivering Orders'.

The User Account page allows the user to view their account details and edit it if desired. It allows navigation to the Home page, Cart page and logging out. The user can also view their orders history by navigating to Delivered or Delivering orders pages. This is by clicking on the corresponding button at the bottom of the User Account page.

Delivered Orders Page:

The screenshot shows a 'Delivered Orders' page with a dark header bar containing 'HOME', 'ACCOUNT', 'CART', and 'LOGOUT' links. The main content area has a title 'Delivered Orders:' and displays order details.

Order Id: #4

Order Date: 12/20/2021 12:00:00 AM
 Num of Items: 3
 Total Price: 600\$

Items in your order:

Image	Item Name	QTY	Price
	Gazma	3	200\$

The Delivered Orders page allows the user to view their previous purchases along with each order's details including: order id, order date, number of items and total price.

Delivering Orders Page:

Delivering Orders:

Order id: #1

Order Date: 1/2/2022 4:20:16 PM

Num of Items: 2

Total Price: 43.98\$

Items in your order:



Shoes

QTY: 1

Price: 27.99\$



Jeans

QTY: 1

Price: 15.99\$

Order id: #6

Order Date: 1/3/2022 8:14:01 PM

Num of items: 1

Total Price: 17.99\$

Items in your order:



Shirt

QTY: 1

Price: 17.99\$

Order id: #7

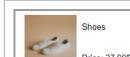
The Delivered Orders page allows the user to view their ongoing purchases along with each order's details including: order id, order date, number of items and total price.

Cart Page:

HOME

ACCOUNT CART LOGOUT

Your Cart:



Shoes

Price: 27.99\$

Remove

1



Pepsi

Price: 2.99\$

Remove

1

Total Price:

30.98\$

Checkout

The Cart page is where the user views their current cart. It allows the user to edit the items in their cart by: removing the item or editing the quantity of the item in their cart. That, along with allowing the user to checkout by choosing the suitable payment method: cash on delivery or credit card.

Your Cart:

Shoes
Price: 27.99\$

Pepsi
Price: 2.99\$

Total Price: 30.98\$

Checkout

On choosing the payment method "Pay by Card" the user is required to enter their credit card details. The card details are then validated against the correct format and if there is anything wrong an error message appears to guide them.

Pay by Card

Card Number

1234567891234567

Name on Card

Expiry Date

01 / 26 / 2022

CVV

123

Proceed

Please enter the name on the card

Admin Page:

The screenshot shows the Admin page interface. At the top, there is a dark navigation bar with the word "ADMIN" on the left and "ADD ITEM", "ADD CATEGORY", and "LOGOUT" on the right. Below the navigation bar is a search bar with a placeholder "Search...", a dropdown menu set to "All", and a "Search" button. The main content area displays four items in separate cards:

- Shirt**: An image of a person wearing a light-colored short-sleeved button-down shirt. Below the image is the text "Shirt" and "47.00€".
- Shoes**: An image of a pair of white lace-up sneakers. Below the image is the text "Shoes" and "27.00€".
- Jeans**: An image of a pair of blue jeans. Below the image is the text "Jeans" and "45.00€".
- Sweatpants**: An image of a pair of grey sweatpants. Below the image is the text "Sweatpants" and "40.00€".

The Admin of the website can login using his admin credentials. He is then redirected to the Admin's home page. The Admin page allows the admin to search for an item in a category, list items in a specific category and search for an item by name. The admin can also edit an item's details by clicking on the button "Edit Item" below each item which would redirect him to the Edit Item page. The Admin page allows the Admin to Add a new item by clicking on the "Add Item button" in the navigation bar and to add a category by clicking on the "Add Category" button on the navigation bar. The admin can also logout by clicking on the "Logout" button.

Edit Item Page:

The screenshot shows the 'Edit Item Details' form. It contains fields for Title (Gazma), Description (It's cool you can wear it on your feet), Price (200), Image Source (Gazma.png), Category (Fashion), Quantity (9), and Seller (Andrew). At the bottom are 'Done' and 'Remove' buttons.

The Edit Item page allows the admin to edit the details of the specific item. The details that could be edited are: Title, Description, Price, Image Source, Category, Quantity and Seller.

The admin can also remove an item by clicking on the "Remove" button. All the details entered by the admin are validated against the correct format and if anything is wrong an error message appears to guide the admin.

Add Item Page:

The screenshot shows the 'Enter Item Details' form. It contains fields for Title, Description, Price, Image Source, Category (Fashion), Quantity, and Seller. At the bottom is a single 'Done' button.

The Add Item page is where the admin adds an item to the list of items that are to be browsed by users. The admin is required to enter the details of the item which are: Title, Description, Price, Image Source, Category, Quantity and Seller. Once the admin clicks the button "Done" the item details are validated against the correct formats and if there is anything wrong an error message appears to guide him.

Add Category Page:

The screenshot shows a web-based application interface. At the top, there's a dark navigation bar with white text. On the left, it says 'ADMIN'. To the right, there are three links: 'ADD ITEM', 'ADD CATEGORY', and 'LOGOUT'. Below this, the main content area has a light gray background. It features a title 'Add Category' in bold. Underneath is a form field labeled 'Name' with a small placeholder 'Type here...'. At the bottom of the form is a solid black rectangular button with the word 'Done' in white.

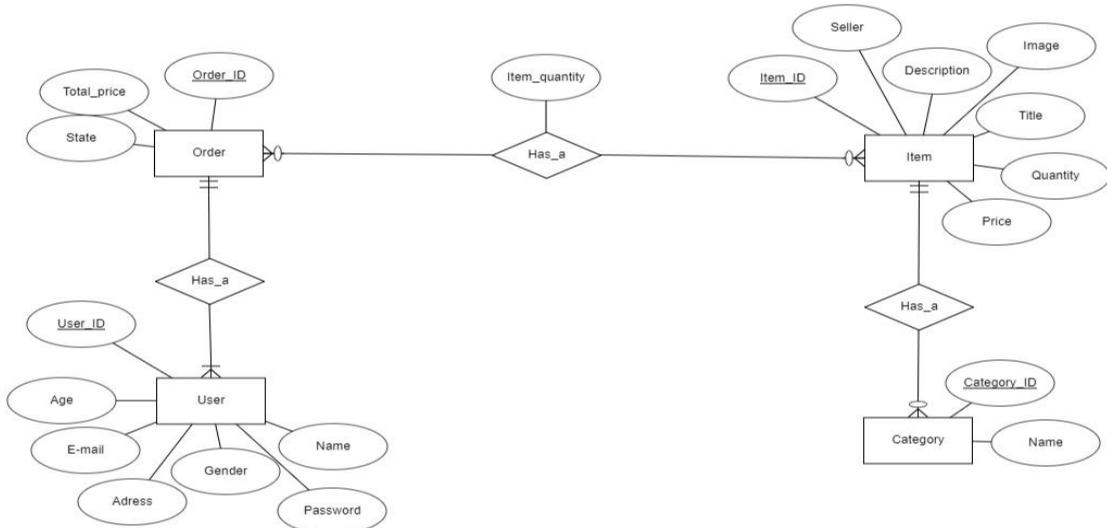
The Add Category page allows the admin to add a new category to the existing list of categories. The new category can be used later as a category for new or existing items.

Models and Diagrams

Below is the database ERD which describes the main entities and their relationships.

Main Entities:

- Order
- User
- Item
- Category



Database ERD

Tools and Frameworks

This project was created using a number of tools and frameworks which are listed below.

1. ASP.net Framework
2. MS SQL database
3. Entity Framework 6 - Code First Approach
4. WCF services
5. HTML
6. CSS
7. Javascript

Library References

1. EntityFramework

Entity Framework is Microsoft's recommended data access technology for new applications.

2. ServiceStack.Interfaces

Lightweight and implementation-free interfaces for DTO's, providers and adapters.