**E-Commerce Website**

### Submitted By

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**Technical Documentation**

This Report Presented in Partial Fulfillment of the course **CSE316: Software Project III in the Computer Science and Engineering Department**



### DAFFODIL INTERNATIONAL UNIVERSITY

**Dhaka, Bangladesh**

**December 14, 2024**

## DECLARATION

We hereby declare that this lab project has been done by us under the supervision of **Md. Hasanuzzaman Dipu**, **Assistant Professor**, Department of Computer Science and Engineering, Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere as lab projects.

**Submitted To:**

**Md. Hasanuzzaman Dipu**

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### **# E-commerce Website**

### Welcome to the E-commerce Website repository. This project is built using PHP, HTML, and CSS to provide a robust platform for online shopping. Below, you’ll find setup instructions, information about the project, and placeholders for additional resources like screenshots and hosted website links.

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### **## Features**

### - User authentication (sign-up, login, logout)

### - Product listing with categories

### - Shopping cart functionality

### - Order management

### - Admin panel for managing products and orders

### - Responsive design for mobile and desktop users

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### **## Local Setup**

### Follow these instructions to set up the project locally using XAMPP.

### **### Prerequisites**

### 1. XAMPP installed on your system ([Download XAMPP](https://www.apachefriends.org/index.html))

### 2. PHP version 7.4 or higher

### 3. Basic understanding of PHP and database management

### **### For Arch Linux**

### **1. Give write permission to the `htdocs` folder:**

### ```bash

### sudo chmod -R 777 /opt/lampp/htdocs

### ```

### **2. Install XAMPP:**

### ```bash

### paru -Syu xampp

### ```

### Alternatively, download the package from [Apache Friends](https://www.apachefriends.org/index.html) and follow the installation instructions.

### **3. Start XAMPP:**

### ```bash

### sudo /opt/lampp/lampp start

### ```

### **4. Clone this repository into the `htdocs` folder:**

### ```bash

### cd /opt/lampp/htdocs

### git clone https://github.com/Bishwajit-2810/Software-Project-3.git

### ```

### **5. Configure the database:**

### - Open phpMyAdmin ([http://localhost/phpmyadmin](http://localhost/phpmyadmin)).

### - Create a new database (e.g., `ecommerce`).

### - Import the provided SQL file located in the `database` folder of the repository.

### **6. Update the configuration:**

### - Open the `config.php` file.

### - Update the database credentials as per your setup.

### **7. Access the website:**

### - Navigate to [http://localhost/ecommerce%20website/home.php](http://localhost/ecommerce%20website/home.php) in your browser.

### **### For Windows**

### **1. Give write permission to the `htdocs` folder (if required):**

### - Right-click on the `htdocs` folder (default: `C:\xampp\htdocs`).

### - Select `Properties` > `Security` > `Edit`.

### - Grant `Full Control` to the appropriate user.

### **2. Install XAMPP from [Apache Friends](https://www.apachefriends.org/index.html).**

### **3. Start XAMPP:**

### - Open the XAMPP Control Panel.

### - Start the `Apache` and `MySQL` modules.

### **4. Clone this repository into the `htdocs` folder:**

### - Navigate to the XAMPP installation directory (default: `C:\xampp\htdocs`).

### - Clone the repository:

### ```bash

### git clone https://github.com/Bishwajit-2810/Software-Project-3.git

### ```

### **5. Configure the database:**

### - Open phpMyAdmin ([http://localhost/phpmyadmin](<http://localhost/phpmyadmin>)).

### - Create a new database (e.g., `shop\_db`).

### - Import the provided SQL file located in the `database` folder of the repository.

### **6. Update the configuration:**

### - Open the `config.php` file in a text editor.

### - Update the database credentials as per your setup.

### **7. Access the website:**

### - Navigate to [http://localhost/ecommerce%20website/home.php]([http://localhost/ecommerce%20website/home.php](http://localhost/ecommerce website/home.php)) in your browser.

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### **## Screenshots**

### Include screenshots of the website to showcase its features and design. Add them in the `screenshots` folder of the repository and reference them here.

### ![Homepage Screenshot](/screenshots/homepage.png)

### ![Category Screenshot](/screenshots/catagory.png)

### ![Products Screenshot](/screenshots/products.png)

### ![Admin Panel Screenshot](/screenshots/admin-panel.png)

### ![Admin Products Screenshot](/screenshots/admin\_products.png)

### **### Example**

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### **## Hosted Website**

### If the project is hosted online, provide the link here:

### [Visit the E-commerce Website](<http://ecommerce14141417.infinityfreeapp.com/>)

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### **## Contributing**

### 1. Fork the repository.

### 2. Create a new branch for your feature/bugfix.

### 3. Commit your changes with descriptive messages.

### 4. Submit a pull request for review.

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### **## License**

### This project is licensed under the [MIT License](LICENSE).

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### For any queries or feedback, feel free to contact the project maintainer at [bishwajit2810@gmail.com](mailto:bishwajit2810@gmail.com).

### This whole documentation is available as a [README.MD](https://github.com/Bishwajit-2810/Software-Project-3) file in our project GitHub Repository. Please check that out and feel free to give feedback and contribute.

### Thank you.