ECOMMERCE WEBSITE

Project Report

SUBMITTED TO:
Nisha Sharma

SUBMITTED BY:

Name: CHIRAG & ANUJ

UID: 24MCA20189 & 24MCA20139

Section: 24MCA-3

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1. Introduction

This project is an e-commerce platform named **Life Style Store** developed using PHP and HTML/CSS. It allows users to browse products in categories like cameras, watches, and shirts. Users can log in, view products, and add them to their cart.

2. Project Objectives

- Create a user-friendly platform for browsing products.
- Enable users to add items to their cart.
- Provide secure login for users to manage their purchases.

3. Technologies Used

- **Backend**: PHP
- **Frontend**: HTML, CSS
- **Database**: MySQL (for managing product details, user sessions, and cart data)

4. Project Structure and Files

➢ Home (index)

- Initial entry point of the website.

➢ User Authentication

- **Signup**
  - signup → signup_script
  - Allows users to create accounts.
- **Login**
  - login → login_submit
  - Authenticates users.
- **Logout**
  - logout_script
  - Ends user session.

➢ Product Catalog

- **Products** (product listing page)
  - Lists available products.
- **Cart**
  - cart - Displays items in the cart.

- Add to Cart
  - cart-add - Adds products to the cart.
- Remove from Cart
  - cart-remove - Removes items from the cart.

Order Process

- **Order Submission**
  - order_script - Processes orders.
- **Order History**
  - orderhistory - Displays past orders for users.

User Settings

- **Settings**
  - settings → settings_script
  - Allows users to modify account preferences.

Other Pages

- **About Us**
  - aboutus - Provides information about the website/company.
- **Contact**
  - contact - Allows users to reach out for support.

5. Code Overview

5.1 Index Page (index.php)

The index.php file serves as the landing page of the e-commerce site, introducing product categories with links to view items.

5.2 Products Page (products.php)

This page shows a list of products with images, names, and prices. Users can add products to their cart, which will change the button text to "Added to Cart."

Example Product Code Block:

```
<div class="col-md-3 col-sm-6 home-feature">
  <div class="thumbnail">
    <img src="img/5.jpg" alt="">
```

```
    <div class="caption">
      <h3>Cannon EOS</h3>
      <p>Price: Rs. 36000.00</p>
      <?php if (!isset($_SESSION['email'])) { ?>
        <p><a href="login.php" role="button" class="btn btn-primary btn-block">Buy
Now</a></p>
      <?php } else {
        if (check_if_added_to_cart(1)) {
          echo '<a href="#" class="btn btn-block btn-success" disabled>Added to
cart</a>';
        } else { ?>
          <a href="cart-add.php?id=1" name="add" value="add" class="btn btn-block btn-
primary">Add to cart</a>
        <?php }
      } ?>
    </div>
  </div>
</div>
```

This block displays a product with options to either buy or add it to the cart based on user session status.

5.3 Cart Management (check-if-added.php)

The check-if-added.php script is responsible for verifying whether a particular product is already in the user's cart.
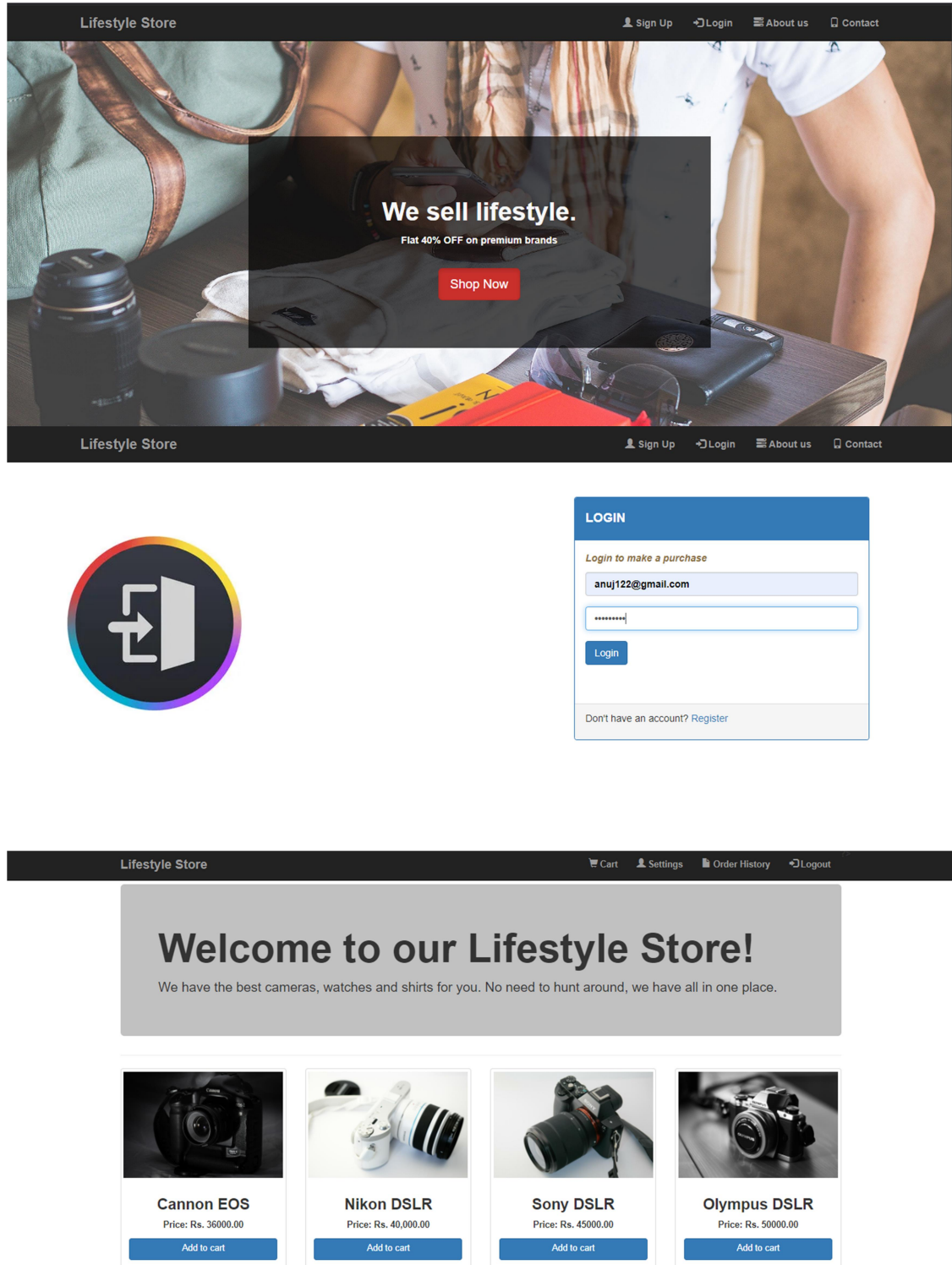
6. User Features

- **Browse Products**: Users can view various products grouped by categories.
- **User Login**: Required to add products to the cart.
- **Add to Cart**: Logged-in users can add items, which updates dynamically.

7. Testing

1. **Functional Testing**: Each button and link were tested for functionality.
2. **UI Testing**: Ensured compatibility with major browsers and responsive design on various devices.
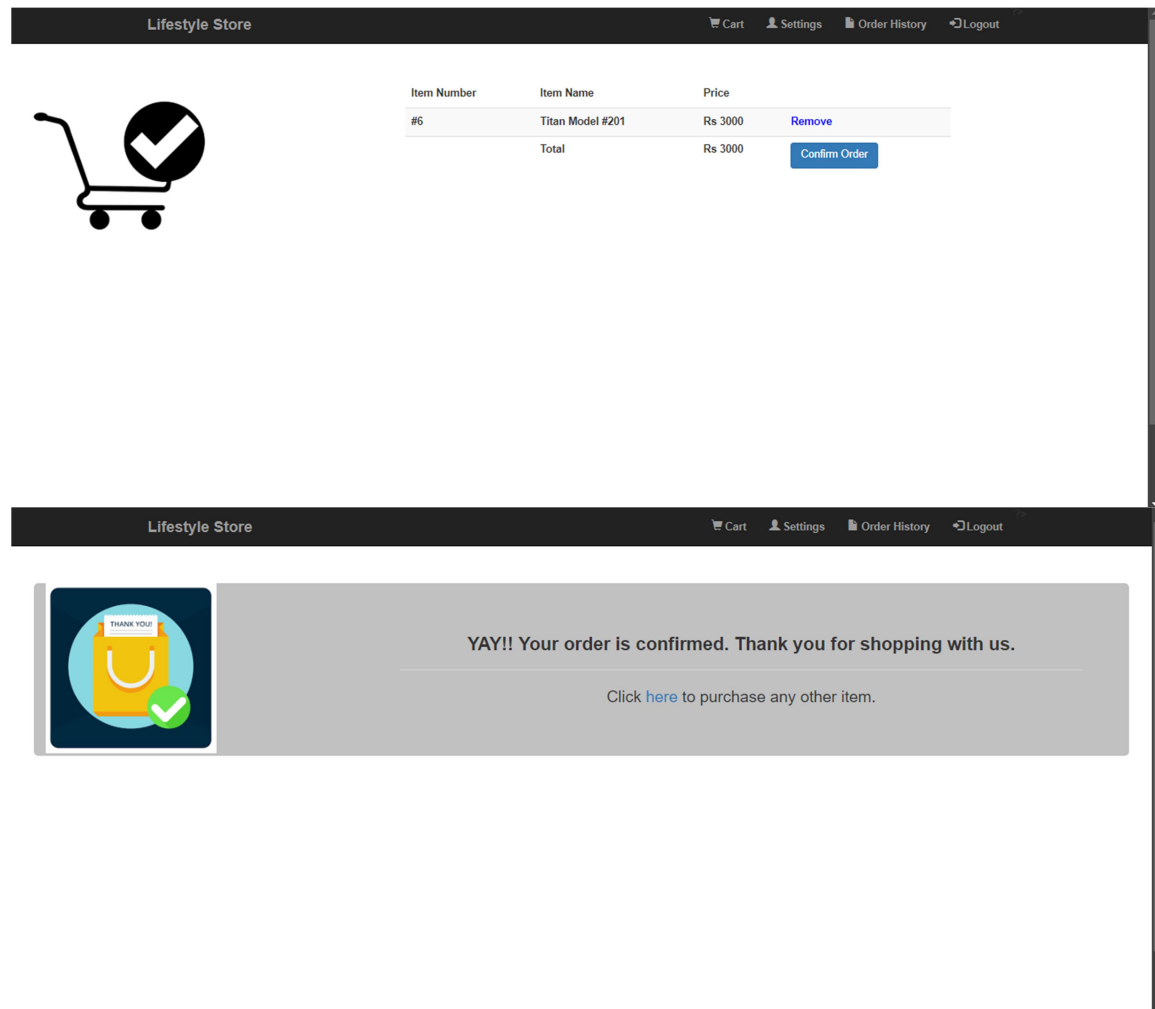
8. Glimpse of Website

Lifestyle Store   Sign Up   Login   About us   Contact

We sell lifestyle.

Flat 40% OFF on premium brands

Shop Now

Lifestyle Store   Sign Up   Login   About us   Contact

LOGIN

Login to make a purchase

anuj122@gmail.com

••••••••

Login

Don't have an account? Register

Lifestyle Store   Cart   Settings   Order History   Logout

Welcome to our Lifestyle Store!

We have the best cameras, watches and shirts for you. No need to hunt around, we have all in one place.

Cannon EOS

Price: Rs. 36000.00

Add to cart

Nikon DSLR

Price: Rs. 40,000.00

Add to cart

Sony DSLR

Price: Rs. 45000.00

Add to cart

Olympus DSLR

Price: Rs. 50000.00

Add to cart

9. Conclusion

This project demonstrates a fundamental e-commerce website with core functionalities. It highlights a beginner-friendly approach to creating an online store, utilizing PHP and HTML for dynamic content generation.