



Project Demonstration Report

Project Title (E commerce Site)

| Only for course Teacher | | | | | |
|--|----|-------------------|------------|------------|---------------|
| | | Needs Improvement | Developing | Sufficient | Above Average |
| Allocate mark & Percentage | | 25% | 50% | 75% | 100% |
| Understanding/Analysis | 7 | | | | |
| Creativity | 8 | | | | |
| Understanding and Efficiency of Coding | 10 | | | | |
| Integration Skill | 5 | | | | |
| Overall Effectiveness and Completion Score | 5 | | | | |
| Total obtained mark | | | | | |
| Comments | | | | | |

Semester: Spring 2025

Group No:- (5)

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Batch: -37th **Section:** A2+B2 **Course Code:** SE331

Course Name: Software Engineering Design Capstone Project

Course Teacher Name: Izaz Ahmed Tuhin **Designation:** Lecturer

Submission Date: 17/04/2025

Code Demonstration

Md.Rufsanjani Shanto

Index

This section features a prominent promotional banner with a red background highlighting the "**Biggest Sale of the Year!**" offering up to **50% off** on all products. It includes two call-to-action buttons:

- **Shop Now** (blue)
- **Sign Up Now** (yellow)

The screenshot shows a dark-themed e-commerce website. At the top, there's a navigation bar with "E-Commerce Site" on the left and "Home Cart Profile About Us" on the right. Below the navigation is a small thumbnail labeled "Sale Banner". The main content area features a large red promotional box. Inside the box, the text "Biggest Sale of the Year!" is displayed in bold white font, followed by "Up to 50% off on all products." in smaller white text. Below this, there are two buttons: a blue "Shop Now" button and a yellow "Sign Up Now" button. Below the red box, there's a search bar with the placeholder "Search for products, categories, or brands..." and a blue "Search" button. The overall design is clean and modern.

The screenshot shows a "Shop by Categories" section on the e-commerce website. It features three categories: "Electronics", "Fashion", and "Home & Kitchen". Each category has a representative image, a category name, and an "Explore" button. The "Electronics" category shows various electronic devices like phones and tablets. The "Fashion" category shows a group of models on a runway. The "Home & Kitchen" category shows a kitchen interior. The layout is grid-based, with each category in its own box.

Featured Products



What Our Customers Say

"Amazing quality and fast delivery!"

— Md Rupsan

"Great customer service. Will shop again!"

— Mr Razin

"Best prices I've found online!"

— Ms Sadika

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Index.php

```
<?php include('header.php'); ?>

<!-- Hero Section -->
<div id="hero" class="carousel slide" data-bs-ride="carousel">
  <div class="carousel-inner">
    <div class="carousel-item active">
      
      <div class="carousel-caption d-none d-md-block">
        <h1>Biggest Sale of the Year!</h1>
        <p>Up to 50% off on all products.</p>
        <a href="products.php" class="btn btn-primary">Shop Now</a>
        <div class="text-center mt-4">
          <h3>Join Our Community!</h3>
          <p>Sign up today and get exclusive discounts and updates.</p>
          <a href="signup.php" class="btn btn-warning btn-lg">Sign Up Now</a>
        </div>
      </div>
    </div>
  </div>
</div>
```

```

</div>
foreach ($categories as $category) {
    echo "
<div class='col-md-4 mb-4'>
    <div class='card'>
        <img src='{$category['image']}' class='card-img-top' alt='{$category['name']}'>
        <div class='card-body text-center'>
            <h5>{$category['name']}</h5>
            <a href='category_details.php?category={$category['name']}' class='btn btn-outline-primary'>Explore</a>

        </div>
    </div>
</div>
";
}
?>
</div>
</div>

```

Profile

Profile Section:

Personal Information: **Displays the user's name and email . Update Information: Allows the user to edit their name and email with pre-filled current details.** Update Profile Button: **Likely submits any changes made.**

The screenshot shows a user profile page for an E-commerce store. At the top, there's a navigation bar with links for Home, Cart, Profile, and About Us. Below the navigation, a message says "Connected successfully!". The main section is titled "Your Profile" and contains "Personal Information" with fields for Name (rufsan) and Email (rufsan123@gmail.com). To the right, there's a "Update Information" form with fields for Name and Email, both pre-filled with the same values. A blue "Update Profile" button is at the bottom of the form.

Your Orders

Profile.php

```
<?php
session_start(); // This starts the session
include 'header.php'; // Include the navigation bar
include 'db_test.php'; // Include the database connection

// If user is not logged in, redirect to login page
if (!isset($_SESSION['user_id'])) {
    header("Location: login.php");
    exit();
}

// Fetch user data from database
$user_id = $_SESSION['user_id'];
$sql = "SELECT * FROM users WHERE id = '$user_id'";
$result = $conn->query($sql);
$user = $result->fetch_assoc();

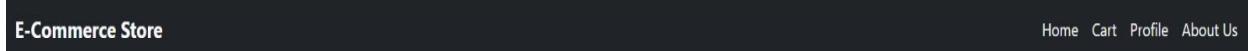
// Close the connection
$conn->close();
?>
```

About us

Navigation Bar: Includes links to *Home*, *Cart*, *Profile*, and *About Us*. **Welcome**

Message: Introduces the store as a trusted destination for premium products and

excellent service. **Mission Statement:** Highlights the commitment to quality, affordability, and a seamless shopping experience.



About Us

Welcome to **E-Commerce Store**, your trusted destination for premium products and exceptional customer service. We are committed to bringing you the best shopping experience by providing high-quality items at affordable prices.

Our mission is to make online shopping seamless, enjoyable, and accessible to everyone. We pride ourselves on transparency, integrity, and a customer-first approach.

Thank you for choosing **E-Commerce Store**. We look forward to serving you!

[Contact Us](#)

Developed by Md Rupsan,Razin,Sadika

aboutUs.php

```
<?php include 'header.php'; ?> <!-- Include navigation bar -->
<div class="container my-5">
    <div class="row align-items-center">
        <!-- About Us Image -->
        <div class="col-md-6">
            
        </div>
        <!-- About Us Text -->
        <div class="col-md-6">
            <h1 class="mb-4">About Us</h1>
            <p>
                Welcome to <strong>E-Commerce Store</strong>, your trusted destination for premium products and exceptional customer service. We are committed to bringing you the best shopping experience by providing high-quality items at affordable prices.
            </p>
            <p>
```

**Our mission is to make online shopping seamless, enjoyable, and accessible to everyone.
We pride ourselves on transparency, integrity, and a customer-first approach.**

```
</p>
<p>
    Thank you for choosing <strong>E-Commerce Store</strong>. We look forward to
    serving you!
</p>
<a href="contact.php" class="btn btn-primary mt-3">Contact Us</a>
</div>
</div>
</div>
<?php include 'footer.php'; ?><!-- Include footer -->
```

Cart

Status Message: Displays "Connected successfully!" at the top.

Cart Contents:

- Lists two products with details. Each item has a **Remove** button for deletion.

Total Amount: Shows the combined subtotal.

Action Buttons:

- **Continue Shopping:** Likely redirects to the product catalog. **Checkout:** Proceeds to the payment/order confirmation page.

Connected successfully!

Your Shopping Cart

| Product | Price | Quantity | Subtotal | Action |
|-----------|---------|----------|----------|-------------------------|
| Product 1 | \$15.99 | 1 | \$15.99 | <button>Remove</button> |
| Product 2 | \$25.99 | 1 | \$25.99 | <button>Remove</button> |

Total: \$41.98

[Continue Shopping](#)[Checkout](#)

Cart.php

```

if (!isset($_SESSION['cart']) || count($_SESSION['cart']) === 0) {
    echo "<p>Your cart is empty. <a href='products.php'>Go back to products</a></p>";
    exit();
}

// Fetch product details for items in the cart
$product_ids = implode(',', array_keys($_SESSION['cart']));
$sql = "SELECT * FROM products WHERE id IN ($product_ids)";
$result = $conn->query($sql);
?>

```

Categories

Category Listings:

- **Electronics:** Features the latest gadgets and devices with a *Browse Electronics* button.
- **Fashion:** Offers trendy clothing and accessories with a *Browse Fashion* button.
- **Home & Kitchen:** Includes decor and appliances with a *Browse Home & Kitchen* button.

Browse Categories



Electronics

Find the latest electronics, gadgets, and devices.

[Browse Electronics](#)

Fashion

Discover trendy clothes and accessories for all seasons.

[Browse Fashion](#)

Home & Kitchen

Explore home decor, kitchen appliances, and essentials.

[Browse Home & Kitchen](#)

Categories.php

```
<?php
include 'header.php'; // Include the navigation bar
?>

<div class="container mt-5">
<?php
include 'footer.php'; // Include the footer
?>
```

Checkout

Order Summary:

- Displays a table of cart items with **Product**, **Price**, **Quantity**, and **Subtotal**.

Customer Details Form:

- Fields for:

- **Full Name**
- **Email Address**
- **Shipping Address**

Action Button:

- **Confirm Order:** Finalizes the purchase.

Connected successfully!

Checkout

| Product | Price | Quantity | Subtotal |
|-----------|---------|----------|----------|
| Product 1 | \$15.99 | 1 | \$15.99 |
| Product 2 | \$25.99 | 1 | \$25.99 |

Total: tk 41.98

Full Name

Email Address

Shipping Address

Confirm Order

Checkout.php

```
<?php
session_start();
include 'db_test.php';

// Initialize total price
$total_price = 0;

// Check if the cart is empty
if (!isset($_SESSION['cart']) || count($_SESSION['cart']) === 0) {
    echo "<p>Your cart is empty. <a href='products.php'>Go back to products</a></p>";
    exit();
}
```

```
// Fetch product details for items in the cart
$product_ids = implode(',', array_keys($_SESSION['cart']));
$sql = "SELECT * FROM products WHERE id IN ($product_ids)";
$result = $conn->query($sql);
?>
```

Razin Saleh Talukder

Login

1. Login Form:

- **Email Field:** Pre-filled with email (likely for demo purposes).
- **Password Field:** Blank for user input (hidden for security).
- **Login Button:** Submits credentials for authentication.

Login

Email

Password

Login.php

```
<?php
session_start();
```

```

include 'db_test.php';

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $email = $_POST['email'];
    $password = $_POST['password'];

    // Check if the email exists
    $sql = "SELECT * FROM users WHERE email = '$email'";
    $result = $conn->query($sql);

    if ($result->num_rows === 1) {
        $user = $result->fetch_assoc();
        // Verify the password
        if (password_verify($password, $user['password'])) {
            $_SESSION['user_id'] = $user['id'];
            $_SESSION['user_name'] = $user['name'];
            header("Location: products.php"); // Redirect to products page
            exit();
        } else {
            echo "<p>Incorrect password. Please try again.</p>";
        }
    } else {
        echo "<p>Email not found. Please <a href='signup.php'>signup</a>.</p>";
    }
}
?>

```

Remove From Cart

Action Buttons:

- **Continue Shopping:** Returns to product listings.
- **Checkout:** Proceeds to payment.

Connected successfully!

Your Shopping Cart

| Product | Price | Quantity | Subtotal | Action |
|-----------|---------|----------|----------|-------------------------|
| Product 1 | \$15.99 | 1 | \$15.99 | <button>Remove</button> |
| Product 2 | \$25.99 | 1 | \$25.99 | <button>Remove</button> |

Total: \$41.98

Continue ShoppingCheckout

Remove From Cart.php

```
<?php
session_start();

// Get the product ID from the URL
$id = $_GET['id'];

// Remove the product from the cart
if (isset($_SESSION['cart'][$id])) {
    unset($_SESSION['cart'][$id]);
}

// Redirect back to the cart page
header("Location: cart.php");
exit();
?>
```

Search

Search Feedback:

- Displays the query: **Search Results for "key"**.
- Shows a "**No results found for 'key'**" message (empty search results).

Connected successfully!

E-Commerce Store

Home Cart Profile About Us

Search Results for "key"

No results found for 'key'.

Developed by Md Rufsan,Razin,Sadika

Student of SWE,DIU

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Search.php

```
if (isset($_GET['query'])) {
    $searchQuery = $_GET['query'];
    $searchQuery = mysqli_real_escape_string($conn, $searchQuery);

    // Query the database to fetch matching products
    $sql = "SELECT * FROM products WHERE name LIKE '%$searchQuery%' OR description
LIKE '%$searchQuery%'";
    $result = $conn->query($sql);
    ?>
    <div class="container mt-5">
        <h2>Search Results for "<?php echo htmlspecialchars($searchQuery); ?>"</h2>
        <div class="row mt-4">
            <?php
            if ($result->num_rows > 0) {
                while ($row = $result->fetch_assoc()) {
                    ?>
```

Electronics Product

Connected successfully!

Electronics

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Electronics Product.php

```
<div class="row mt-4">
    <?php while ($row = $result->fetch_assoc()): ?>
        <div class="col-md-4 mb-4">
            <div class="card">
                ">
                <div class="card-body">
                    <h5 class="card-title"><?php echo $row['product_name']; ?></h5>
                    <p class="card-text">$<?php echo number_format($row['price'], 2); ?></p>
                    <a href="add_to_cart.php?product_id=<?php echo $row['id']; ?>" class="btn btn-primary">Add to Cart</a>
                </div>
            </div>
        </div>
    </div>
```

Syeda Sadika Anjum

Signup

Signup Page Overview

Header:

- System status: "Connected successfully!" (confirms backend connection)

Signup Form:

○ Fields:

- Name (text input)
- Email (text input)
- Password (secure input)

○ Action Button:

- "Signup" (submission button)

Connected successfully!

Signup

Name

Email

Password

Signup

Signup.php

```
<?php
session_start();
include 'db_test.php';

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
```

```

$name = $_POST['name'];
$email = $_POST['email'];
$password = password_hash($_POST['password'], PASSWORD_DEFAULT); // Hash the
password

// Check if the email already exists
$checkEmail = "SELECT * FROM users WHERE email = '$email'";
$result = $conn->query($checkEmail);

if ($result->num_rows > 0) {
    echo "<p>Email already exists. Please <a href='login.php'>login</a> or use a different
email.</p>";
} else {
    // Insert the new user
    $sql = "INSERT INTO users (name, email, password) VALUES ('$name', '$email',
'$password')";
    if ($conn->query($sql) === TRUE) {
        echo "<p>Signup successful. Please <a href='login.php'>login</a>.</p>";
    } else {
        echo "Error: " . $conn->error;
    }
}
?>
```

Logout

The user who need to logout then the user click the logout button.

[Logout](#)

Products

Connected successfully!

Our Products

**Product 1**

This is an awesome product.

**Product 2**

This product is even better.

**Product 3**

You will love this one.

Logout.php

```
<?php
session_start();
session_unset();
session_destroy();
header("Location: login.php");
exit();
?>
```

Fashion

Connected successfully!

Fashion

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Fashion.php

```
<?php
include 'header.php'; // Include the navigation bar
include 'db_test.php'; // Include the database connection

// Fetch fashion products from the database
$sql = "SELECT * FROM products WHERE category = 'Fashion'";
$result = $conn->query($sql);

?>
```