

**Project report**

**Web engineering**

**By**

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ZAAR CLOTHING

**Introduction**

Zaar Clothing is an innovative online platform designed to revolutionize the shopping experience for fashion enthusiasts. The project aims to provide a seamless and user-friendly interface . This website is developed with a focus on aesthetics, functionality, and user engagement where users can explore and get a good range of clothing items.

**Description**

A modern online clothing brand platform designed to offer customers a seamless and enjoyable shopping experience The website features an intuitive interface for browsing and searching clothing items, along with essential functionalities such as user accounts , cart functionality and a responsive design for all devices. Built using various technologies the platform ensures usability, security, and performance.

**Purpose**

The purpose of Zaar Clothing is to create an efficient and user-friendly online platform that revolutionizes the shopping experience for customers. By offering a visually appealing interface and seamless navigation the website aims to simplify online shopping while catering to diverse customer needs. This project seeks to enhance accessibility and convenience, aligning with the growing demand for e-commerce solutions in the clothing industry.

**Scope**

Zaar Clothing’s scope focuses on creating a versatile online platform that delivers an efficient and enjoyable shopping experience. The project encompasses the design of an intuitive user interface, an organized product catalog, and a functional shopping cart system. It also includes responsive web design to ensure compatibility across devices, advanced search and filter options for user convenience, and integrated customer support tools to address shopper needs.

**Functional Requirements:**

1. **User Registration and Login**: Customers should be able to register, log in, and manage their accounts securely.
2. **Product Catalog Management**: Display detailed information about each product, including images, descriptions, sizes, and prices.
3. **Search and Filter**: Enable users to search for products by name, category, or other attributes and apply filters.
4. **Shopping Cart** : Allow users to add, view, edit, and remove items in the cart.
5. **Customer Support**: Implement a contact form for inquiries and assistance.

**Non-Functional Requirements:**

1. **Performance**: The website should load within 5 seconds and handle concurrent users without delays.
2. **Usability**: The interface should be intuitive and easy to navigate, even for first-time users.
3. **Security**: Ensure proper session management to prevent unauthorized access.
4. **Scalability**: The system should handle an increasing number of products and users as the business grows.
5. **Compatibility**: The website must be compatible with all modern browsers and operating systems

**Hardware**:

* **Core i5 Processor**: A reliable and efficient processor used to run the development environment and server-side operations.
* **RAM and Storage**: Sufficient memory and storage capacity are used to handle the database, server, and frontend development tools.

**Software**:

* **HTML, CSS, JavaScript**: For structuring, styling, and adding interactivity to the website.
* **PHP**: Used for server-side scripting, processing form submissions, managing user sessions, and database connectivity.
* **MySQL**: Database management system used for storing and querying user data, product information, and orders.
* **Web Browser**: For testing and previewing the website during the development process.

**Languages:**

This project utilizes a combination of programming languages and tools to create a fully functional, interactive, and visually appealing online clothing platform. The primary languages used include:

1. **HTML5**: For structuring the website and defining the layout of web pages.
2. **CSS**: For styling the website and ensuring responsive design across various devices.
3. **JavaScript**: For adding interactivity, such as dynamic product displays, form validation, and user interaction functionalities.
4. **PHP**: For backend development, managing server-side operations, processing user requests, and database interaction.
5. **MySQL**: For managing and storing data such as user information, product details, and order records.

**Code** **(index.php)**

<?php

$active = "Home";

include("functions.php");

include("header.php");

?>

<section class="hero-section">

<div class="hero-items owl-carousel">

<?php

$get\_slides = "select \* from slider LIMIT 0,1";

$run\_slider = mysqli\_query($con, $get\_slides);

while ($row\_slides = mysqli\_fetch\_array($run\_slider)) {

$slide\_name = $row\_slides['slide\_name'];

$slide\_image = $row\_slides['slide\_image'];

$slide\_heading = $row\_slides['slide\_heading'];

$slide\_text = $row\_slides['slide\_text'];

echo "

<div class='single-hero-items set-bg' data-setbg='img/$slide\_image'>

<div class='container'>

<div class='row'>

<div class='col-lg-5'>

<h1>$slide\_heading</h1>

<p>$slide\_text

</p>

<a href='shop.php' class='primary-btn'>Shop Now</a>

</div>

</div>

<div class='off-card'>

<h2>Up to <span>60%</span></h2>

</div>

</div>

</div>

";

}

$get\_slides = "select \* from slider LIMIT 1,2";

$run\_slider = mysqli\_query($con, $get\_slides);

while ($row\_slides = mysqli\_fetch\_array($run\_slider)) {

$slide\_name = $row\_slides['slide\_name'];

$slide\_image = $row\_slides['slide\_image'];

$slide\_heading = $row\_slides['slide\_heading'];

$slide\_text = $row\_slides['slide\_text'];

echo "

<div class='single-hero-items set-bg' data-setbg='img/$slide\_image'>

<div class='container'>

<div class='row'>

<div class='col-lg-5'>

<h1 style='color: white;'>$slide\_heading</h1>

<p style='color: white;'>$slide\_text

</p>

<a href='shop.php' class='primary-btn'>Shop Now</a>

</div>

</div>

</div>

</div>";

}

?>

</div>

</section>

<!-- Banner Section Begin -->

<div class="banner-section spad">

<div class="container-fluid">

<div class="row">

<div class="col-lg-4">

<a href='shop.php?cat\_id=1'>

<div class="single-banner">

<img src="img/banner-1.png" alt="Mens">

<div class="inner-text">

<h4>Men’s</h4>

</div>

</div>

</a>

</div>

<div class="col-lg-4">

<a href='shop.php?cat\_id=2'>

<div class="single-banner">

<img src="img/banner-2.png" alt="">

<div class="inner-text">

<h4>Women’s</h4>

</div>

</div>

</a>

</div>

<div class="col-lg-4">

<a href='shop.php?cat\_id=3'>

<div class="single-banner">

<img src="img/banner-3.png" alt="">

<div class="inner-text">

<h4>Kid’s</h4>

</div>

</div>

</a>

</div>

</div>

</div>

</div>

<!-- Women Banner Section Begin -->

<section class="women-banner spad">

<div class="container-fluid">

<div class="row">

<div class="col-lg-3">

<div class="product-large set-bg" data-setbg="img/women-large.jpg">

<h2>Women’s</h2>

<a href="shop.php?cat\_id=2">Discover More</a>

</div>

</div>

<div class="col-lg-8 offset-lg-1">

<div class="filter-control">

<h3> Hot Products </h3>

</div>

<div class="product-slider owl-carousel">

<?php

getWProduct();

?>

</div>

</div>

</div>

</div>

</section>

<!-- Man Banner Section Begin -->

<section class="man-banner spad">

<div class="container-fluid">

<div class="row">

<div class="col-lg-8">

<div class="filter-control">

<h3> Hot Products </h3>

</div>

<div class="product-slider owl-carousel">

<?php

getMProduct();

?>

</div>

</div>

<div class="col-lg-3 offset-lg-1">

<div class="product-large set-bg m-large" data-setbg="img/men-large.jpg">

<h2>Men’s</h2>

<a href="shop.php?cat\_id=1">Discover More</a>

</div>

</div>

</div>

</div>

</section>

<!-- Footer -->

<?php

include('footer.php');

if (isset($\_GET['stat'])) {

echo "

<script>

bootbox.alert({

message: 'Welcome! You are logged in.',

backdrop: true

});

</script>";

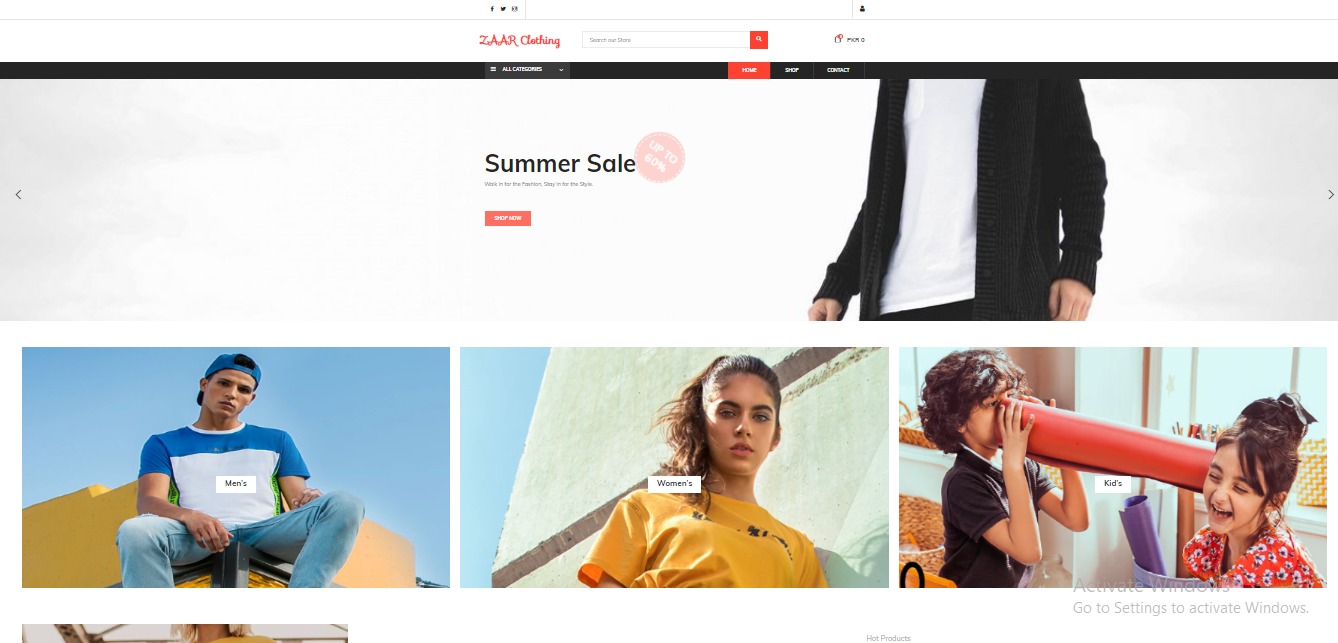
}

?>

</body>

</html>

**Output:**

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