Shoe Shopping Website

Professional Project Documentation

This document provides a complete, polished overview of the Shoe Shopping Website project. It is structured to serve as a professional-level README suitable for GitHub, academic submissions, and portfolio use.

■ **Overview**

The Shoe Shopping Website is a lightweight e■commerce application built using PHP and MySQL. It enables users to browse products, manage carts, authenticate securely, and complete a basic checkout flow. An admin module is included for product management, making the project a full■cycle mini e■commerce system.

■ **Project File Structure**

File	Description
index.php	Displays product list on homepage
product.php	Shows detailed information for a selected product
cart.php	Displays & manages items added to cart
checkout.php	Processes checkout logic
login.php	User login system
signup.php	User registration page
logout.php	Clears session & logs out user
admin.php	Admin module for product management
style.css	Styling for UI components & layout

■ **Technology Stack**

- **Frontend:** HTML, CSS - **Backend:** PHP - **Database:** MySQL - **Server Environment:** Apache (XAMPP)

■ **How to Run Locally**

1. Install XAMPP or any PHP■MySQL server. 2. Move the project folder to `C:/xampp/htdocs/`. 3. Start **Apache** and **MySQL** from XAMPP. 4. Open phpMyAdmin → create database `shoestore`. 5. Import the provided SQL file (if included). 6. Update DB credentials in PHP scripts if needed. 7. Visit: `http://localhost/Shoe-Shopping-Website/`.

■ **Database Requirements**

Required tables: - `users` (id, name, email, password) - `products` (id, name, price, image, description) - `cart` (id, user_id, product_id, quantity)

■ **Security Recommendations**

To improve production readiness: - Hash passwords using `password_hash()` - Add admin authentication for `admin.php` - Sanitize all user inputs (SQL injection protection) - Use prepared statements instead of raw queries

■ **UI & Styling Notes**

The `style.css` file includes styling for: - Header navigation - Forms (login/signup) - Product cards - Cart & checkout tables - Responsive layout adjustments

■ **License**

This project is free to use for learning, personal, or academic purposes. Attribution is appreciated but not required.