**Berwa Shop Stock Management System**

**Overview**

The **Berwa Shop Stock Management System** is a comprehensive web-based platform designed to streamline stock management for retail businesses. It enables users to efficiently manage products, imports, exports, and generate detailed reports. The system is intuitive, secure, and scalable, making it ideal for businesses seeking an efficient stock management solution.

**Technical Description**

**Technology Stack**

* **Frontend**: HTML, CSS, JavaScript
* **Backend**: PHP
* **Database**: MySQL
* **Server**: Apache

**Key Features**

1. **User Authentication**: Secure login and logout functionality to ensure data privacy.
2. **Product Management**:
   * Add new products with details like name, category, price, and quantity.
   * View and edit existing product details.
3. **Stock Import/Export**:
   * Record imports to update stock levels.
   * Record exports to track sales and stock reduction.
4. **Report Generation**:
   * Generate reports for inventory levels, imports, exports, and sales trends over time.
   * Filter results by date range for customized insights.
5. **User Interface**:
   * Intuitive design with easy navigation across pages.
   * Fully responsive and optimized for various devices.

**Business Benefits**

1. **Improved Efficiency**: Simplifies stock management, reducing manual errors and saving time.
2. **Scalability**: Suitable for growing businesses that require robust inventory tracking.
3. **Data-Driven Insights**: Generate reports to make informed business decisions.
4. **Security**: Protects sensitive business data with secure login and restricted access.

**How to Get Started**

**Prerequisites**

* A web server with PHP support (e.g., XAMPP, WAMP, or an online hosting service).
* MySQL installed on the server.

**Installation**

1. Clone the project repository or download it as a ZIP file.
2. git clone https://github.com/username/berwa-shop-stock-management.git
3. Extract the files to your web server's root directory (e.g., htdocs for XAMPP).
4. Create a MySQL database and import the SQL file (database.sql) provided in the database folder.
5. Configure the database connection in the config.php file:
6. $host = "localhost";
7. $username = "root";
8. $password = "";
9. $database = "berwa\_shop";
10. Open the system in your browser:
11. http://localhost/berwa-shop-stock-management/

**How to Sign Up and Sign In**

**Sign Up**

1. Visit the **Sign Up** page at [your-website]/signup.php.
2. Fill in the required fields:
   * Username
   * Password
   * Confirm Password
   * Email
3. Click **Sign Up** to create an account.

**Sign In**

1. Visit the **Sign In** page at [your-website]/login.php.
2. Enter your credentials (username and password).
3. Click **Login** to access the system.
4. If login is successful, you will be redirected to the homepage.

**System Navigation**

* **Homepage**: Overview and quick links to all sections.
* **Add Product**: Input new product details into the system.
* **View Product**: List all products and perform search or edits.
* **Add Import**: Record stock updates from suppliers.
* **View Import**: Review past import transactions.
* **Add Export**: Record stock reductions for sales.
* **View Export**: Review past export transactions.
* **Report**: Generate and filter inventory and sales reports.
* **Logout**: End the session securely.