User Manual

**1. System Requirements**

* **Operating System:** Windows, macOS, or Linux.
* **Web Server:** Apache or Nginx.
* **PHP Version:** PHP 7.4 or higher.
* **Database:** MySQL 5.7 or higher.
* **Browser:** Chrome, Firefox, or Edge.

**2. Installation Steps**

**Step 1: Install Web Server and PHP**

1. Download and install **XAMPP** (for Windows) or **MAMP** (for macOS) to get Apache and MySQL.
2. Make sure PHP is installed and properly configured.

**Step 2: Set Up the Database**

1. Open **phpMyAdmin** (via XAMPP/MAMP).
2. Create a new database:
   * Database Name: local\_inventory.
3. Run the SQL script provided (local\_inventory.sql) to create the necessary tables:
   * users
   * inventory

**Step 3: Configure the Project**

1. Extract the project files into your server’s root directory (htdocs for XAMPP or Sites for MAMP).
2. Navigate to the src/config.php file and update the database connection settings:

php

Copy code

define('DB\_HOST', 'localhost');

define('DB\_USER', 'root'); // Replace with your MySQL username

define('DB\_PASS', ''); // Replace with your MySQL password

define('DB\_NAME', 'local\_inventory');

**Step 4: Run the Application**

1. Open your browser and navigate to http://localhost/LocalInventorySystem/public/index.php.
2. Register a new user to access the system.
3. Once registered, you can log in and start managing the inventory.

**Step 5: Set Up User Permissions**

1. After logging in as an admin, navigate to the **User Management** section.
2. You can add or remove user permissions from this area to grant access to different parts of the system.

**3. Troubleshooting**

* If you encounter connection errors, ensure that your database credentials in config.php are correct.
* Check that your web server (Apache) is running and MySQL is active.