**How to Set Up the Sneaker Data Browser Project**

This guide outlines two options for setting up the Sneaker Data Browser project. These instructions assume you already have XAMPP installed and configured on your computer.

**Prerequisites**

1. **XAMPP Installed**: Ensure Apache and MySQL modules are running.
2. **Project Files**: A zip file containing the project files, including the assets folder with sneakers\_db.sql.
3. **Browser Access**: Navigate to http://localhost in your web browser.

**Option 1: Use the sneakers\_db.sql File (Preloaded Database)**

**Step 1: Import the sneakers\_db.sql File**

1. Open http://localhost/phpmyadmin.
2. Click on the "Databases" tab.
3. Create a new database named sneakers\_db.
   * Set the collation to **utf8mb4\_general\_ci**.
4. Select the newly created database.
5. Go to the "Import" tab.
6. Click "Choose File" and select the sneakers\_db.sql file from the assets folder.
7. Click "Go" to import the database.
8. Verify the sneakers table is populated with data.

**Step 2: Configure config.php**

1. Open the config.php file with a text editor.
2. Ensure the database configuration matches your local XAMPP setup:

$servername = '127.0.0.1'; //your IP or ‘localhost’

$username = 'root'; //your username

$password = ''; // your password

$dbname = 'sneakers\_db';

1. Save the changes.

**Step 3: Test the Application**

1. Place the project folder in the htdocs directory of XAMPP (e.g., C:\XAMPP\htdocs\SneakerApp).
2. Open a browser and go to http://localhost/SneakerApp/.
3. Verify the project runs as expected.

A screenshot of a shoe store

Description automatically generated

**Option 2: Use setup.php to Create the Database**

**Step 1: Delete the Existing Database**

If a database with the same name (sneakers\_db) exists, delete it as described in Option 1, Step 1.

**Step 2: Configure config.php**

1. Open the config.php file and setup.php file with a text editor.
2. Ensure the database configuration on BOTH files match your local XAMPP setup:

$servername = '127.0.0.1'; //your IP or ‘localhost’

$username = 'root'; //your username

$password = ''; // your password

$dbname = 'sneakers\_db';

**Step 3: Run setup.php**

1. Place the project folder in the htdocs directory of XAMPP (e.g., C:\XAMPP\htdocs\SneakerApp).
2. Open a browser and navigate to http://localhost/SneakerApp/setup.php.
3. Follow any on-screen instructions to initialize the database.
4. Verify the database is created by checking http://localhost/phpmyadmin for the sneakers table.

**Step 4: Test the Application**

1. Open a browser and go to http://localhost/SneakerApp/.
2. Verify the project runs as expected.

**Troubleshooting**

* **Database Connection Issues**:
  + Verify MySQL is running in XAMPP.
  + Double-check the credentials in config.php.
* **Import Fails**:
  + Ensure the sneakers\_db.sql file matches your MySQL/MariaDB version.

Feel free to ask for additional support if any issues arise.