

## **Project: Simple PHP form submission script with frontend validation**

### **Set Up Your Local Development Environment:**

Before running the project, you need to set up a local server with PHP and MySQL. Follow the steps based on your operating system:

#### **For Windows (XAMPP):**

Download and Install XAMPP from <https://www.apachefriends.org/index.html>.

#### **Download the Project Files:**

Download the project from ZIP folder and extract the folder.

#### **Move the project files:**

Place the downloaded project folder in the following directories:

**XAMPP:** C:\xampp\htdocs\

#### **Set Up MySQL Database**

You will need to create the database and table to store the form submissions.

#### **1. Access phpMyAdmin (MySQL client):**

**XAMPP:** Go to <http://localhost/phpmyadmin>.

#### **2. Create a new database:**

**phpMyAdmin:** Click on the 'New' button, then create a database named `submission_db`.

#### **3. Create the Submissions Table:**

##### **In phpMyAdmin:**

Select the `submission_db` database and click on the 'SQL' tab.

Paste the following SQL code and execute:

```
CREATE TABLE submissions (  
    id BIGINT(20) AUTO_INCREMENT PRIMARY KEY,  
    amount INT(10) NOT NULL,  
    buyer VARCHAR(255) NOT NULL,  
    receipt_id VARCHAR(20) NOT NULL,  
    items VARCHAR(255) NOT NULL,  
    buyer_email VARCHAR(50) NOT NULL,  
    buyer_ip VARCHAR(20),  
    note TEXT NOT NULL,  
    city VARCHAR(20) NOT NULL,  
    phone VARCHAR(20) NOT NULL,  
    entry_at DATE,  
    entry_by INT(10) NOT NULL  
);
```

#### **4. Configure Database Connection in the Project**

You need to configure your database connection in the PHP files db.php to ensure they are able to communicate with the MySQL database.

Open the submit.php and report.php files in a text editor.

Update the database credentials:

In both submit.php and report.php, are connected to db.php. you will see code similar to db.php:

```
private $host = 'localhost';  
private $user = 'root';  
private $pass = '';  
private $dbname = 'submission_db';
```

## **5. Run the Project Locally**

Now that everything is set up, you can start your local server and access the project.

### **Start Your Local Server:**

XAMPP: Open XAMPP Control Panel and click Start for Apache and MySQL.

### **Access the Form Submission Page:**

Open your browser and go to:

XAMPP/WAMP: <http://localhost/your-project-folder/index.php>

This page will display all the submissions, and you can search by entry\_by.

## **Testing and Submitting Data**

### **1. Submit Form Data:**

Enter valid data in the form fields such as amount, buyer name, receipt ID, items etc.

Click the "Submit" button to insert the data into the submissions table.

### **2. View the Submissions:**

On the report.php page, you should see a table listing all the form submissions.

Use the search form on the report page to filter results based on entry\_by or any other fields.

## **Conclusion**

Following these steps will set up your PHP form submission and report system locally, and you will be able to submit and view data in the MySQL database. This guide provides detailed instructions for setting up the environment, configuring the database, and running the project on your machine.

