**Camping Database and PHP Server Setup**

This guide will walk you through setting up a MySQL database for a camping website and configuring a PHP server to interact with the database.

**Prerequisites**

* MySQL server installed on your machine or accessible remotely.
* PHP installed on your machine.
* Basic knowledge of MySQL and PHP.

**Setting up the Database**

* **Create a Database:** Open your MySQL client and run the following commands to create the database:

CREATE DATABASE camping;

* **Create Tables:** Execute the following SQL queries to create the necessary tables:

CREATE TABLE User (

User\_ID INT AUTO\_INCREMENT PRIMARY KEY UNIQUE,

Username VARCHAR(255) NOT NULL UNIQUE,

Email VARCHAR(255) NOT NULL UNIQUE,

Password VARCHAR(255) NOT NULL

);

CREATE TABLE BLOGS(

Blog\_ID INT AUTO\_INCREMENT PRIMARY KEY,

Title VARCHAR(255) NOT NULL, # Option to make title unique --> UNIQUE,

#In case you want to add like to blog---> likes int,

blogText TEXT NOT NULL,

date DATE NOT NULL,

User\_ID INT NOT NULL,

FOREIGN KEY (User\_ID) REFERENCES User(User\_ID),

Picture VARCHAR(255)

);

CREATE TABLE EXPERIENCE(

experience\_ID INT AUTO\_INCREMENT PRIMARY KEY,

experience\_text TEXT NOT NULL,

# username\_or\_mail

date DATE NOT NULL,

mail VARCHAR(255) NOT NULL,

Picture VARCHAR(255),

destination VARCHAR(255)

);

**Setting up the PHP Server**

**Create PHP Files:** Create PHP files for interacting with the database. Below are some sample files:

connect.php: This file establishes a connection to the MySQL database.

<?php

$databaseHost = 'localhost';

$databaseName = 'project';

$databaseUsername = 'root';

$databasePassword = "\*\*\*\*\*\*\*\*\*\*\*\*";

//add password here

$mysqli = mysqli\_connect($databaseHost, $databaseUsername, $databasePassword, $databaseName);

if (!$mysqli) {

die("Connection failed: " . mysqli\_connect\_error());

}

?>

**Running PHP Server:** You can use a local development environment like XAMPP or MAMP to run your PHP scripts. Simply place your PHP files in the appropriate directory (e.g., htdocs in XAMPP) and start the Apache server.

Testing: Test your PHP scripts by sending requests to them using tools like Postman or by integrating them into your web application.

**Conclusion**

You've successfully set up a MySQL database for a camping website and configured a PHP server to interact with it. Feel free to expand upon this setup by adding more tables, scripts, and functionalities as needed for your project.