**Webpage code**

<!DOCTYPE html>

<html>

<head>

<title>User Data Collection</title>

</head>

<body>

<?php

// MySQL database configuration

$servername = "database ip";

$username = "db user";

$password = "user pswd";

$dbname = "db name";

// Create a database connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

// Collect user data

$name = $\_POST["name"];

$age = $\_POST["age"];

$country = $\_POST["country"];

// Validate input

if (!empty($name) && !empty($age) && !empty($country)) {

// Insert data into the MySQL database using prepared statements to prevent SQL injection

$stmt = $conn->prepare("INSERT INTO users (name, age, country) VALUES (?, ?, ?)");

$stmt->bind\_param("sis", $name, $age, $country); // "s" for string, "i" for integer

if ($stmt->execute()) {

echo "User data has been successfully stored in the database.<br>";

} else {

echo "Error: " . $stmt->error;

}

$stmt->close();

} else {

echo "All fields are required.<br>";

}

}

// Close the database connection

$conn->close();

?>

<h2>Enter User Information</h2>

<form method="post">

Name: <input type="text" name="name" required><br>

Age: <input type="number" name="age" required><br>

Country: <input type="text" name="country" required><br>

<input type="submit" value="Submit">

</form>

</body>

</html>

**(write it in apache server in /var/www/html)**

**Create one user to manage database in db server**

Mysql -u root -p

Create database udc;

Use udc;

Create user ‘dbuser’@’%’ identified by ‘password’;

Grant all privileges on udc.\* to ‘dbuser’@’%’;

CREATE TABLE users ( id INT AUTO\_INCREMENT PRIMARY KEY, name VARCHAR(255) NOT NULL, age INT NOT NULL,country VARCHAR(255) NOT NULL );



