TWO WHEELER RENTEL SYSTEM

CODE:

CREATE DATABASE twowheeler\_rental;

USE twowheeler\_rental;

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

password VARCHAR(255) NOT NULL,

email VARCHAR(100) NOT NULL

);

CREATE TABLE vehicles (

id INT AUTO\_INCREMENT PRIMARY KEY,

model VARCHAR(100) NOT NULL,

availability BOOLEAN DEFAULT TRUE

);

CREATE TABLE rentals (

id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

vehicle\_id INT,

rental\_start DATETIME,

rental\_end DATETIME,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (vehicle\_id) REFERENCES vehicles(id)

);

<?php

$servername = "localhost";

$username = "username";

$password = "password";

$dbname = "twowheeler\_rental";

// Create connection

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

if ($conn->connect\_error) {

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

}

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

$action = $\_POST['action'];

$username = $\_POST['username'];

$password = password\_hash($\_POST['password'], PASSWORD\_BCRYPT);

$email = $\_POST['email'];

if ($action == 'register') {

$sql = "INSERT INTO users (username, password, email) VALUES ('$username', '$password', '$email')";

if ($conn->query($sql) === TRUE) {

echo "Registration successful!";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

} elseif ($action == 'login') {

$sql = "SELECT \* FROM users WHERE username='$username'";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

$user = $result->fetch\_assoc();

if (password\_verify($\_POST['password'], $user['password'])) {

session\_start();

$\_SESSION['user\_id'] = $user['id'];

echo "Login successful!";

} else {

echo "Invalid password!";

}

} else {

echo "No user found with that username!";

}

}

}

$conn->close();

?>

<?php

$servername = "localhost";

$username = "username";

$password = "password";

$dbname = "twowheeler\_rental";

// Create connection

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

if ($conn->connect\_error) {

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

}

session\_start();

if (!isset($\_SESSION['user\_id'])) {

die("You must be logged in to rent a vehicle.");

}

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

$vehicle\_id = $\_POST['vehicle\_id'];

$rental\_start = $\_POST['rental\_start'];

$rental\_end = $\_POST['rental\_end'];

$sql = "INSERT INTO rentals (user\_id, vehicle\_id, rental\_start, rental\_end) VALUES ('{$\_SESSION['user\_id']}', '$vehicle\_id', '$rental\_start', '$rental\_end')";

if ($conn->query($sql) === TRUE) {

$conn->query("UPDATE vehicles SET availability=FALSE WHERE id='$vehicle\_id'");

echo "Rental successful!";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

} else {

$sql = "SELECT \* FROM vehicles WHERE availability=TRUE";

$result = $conn->query($sql);

$vehicles = [];

if ($result->num\_rows > 0) {

while ($row = $result->fetch\_assoc()) {

$vehicles[] = $row;

}

}

echo json\_encode($vehicles);

}

$conn->close();

?>

<?php

$servername = "localhost";

$username = "username";

$password = "password";

$dbname = "twowheeler\_rental";

// Create connection

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

if ($conn->connect\_error) {

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

}

session\_start();

if (!isset($\_SESSION['user\_id'])) {

die("You must be logged in to rent a vehicle.");

}

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

$vehicle\_id = $\_POST['vehicle\_id'];

$rental\_start = $\_POST['rental\_start'];

$rental\_end = $\_POST['rental\_end'];

$sql = "INSERT INTO rentals (user\_id, vehicle\_id, rental\_start, rental\_end) VALUES ('{$\_SESSION['user\_id']}', '$vehicle\_id', '$rental\_start', '$rental\_end')";

if ($conn->query($sql) === TRUE) {

$conn->query("UPDATE vehicles SET availability=FALSE WHERE id='$vehicle\_id'");

echo "Rental successful!";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

} else {

$sql = "SELECT \* FROM vehicles WHERE availability=TRUE";

$result = $conn->query($sql);

$vehicles = [];

if ($result->num\_rows > 0) {

while ($row = $result->fetch\_assoc()) {

$vehicles[] = $row;

}

}

echo json\_encode($vehicles);

}

$conn->close();

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Two-Wheeler Rental System</title>

<style>

body { font-family: Arial, sans-serif; }

.container { max-width: 500px; margin: auto; padding: 20px; border: 1px solid #ccc; }

input { width: 100%; padding: 10px; margin: 10px 0; }

button { padding: 10px; }

</style>

</head>

<body>

<div class="container">

<h1>Register</h1>

<form id="registerForm">

<input type="text" id="regUsername" placeholder="Username" required>

<input type="password" id="regPassword" placeholder="Password" required>

<input type="email" id="regEmail" placeholder="Email" required>

<button type="submit">Register</button>

</form>

<h1>Login</h1>

<form id="loginForm">

<input type="text" id="loginUsername" placeholder="Username" required>

<input type="password" id="loginPassword" placeholder="Password" required>

<button type="submit">Login</button>

</form>

</div>

<script>

document.getElementById('registerForm').addEventListener('submit', async (e) => {

e.preventDefault();

const username = document.getElementById('regUsername').value;

const password = document.getElementById('regPassword').value;

const email = document.getElementById('regEmail').value;

const response = await fetch('user.php', {

method: 'POST',

headers: { 'Content-Type': 'application/x-www-form-urlencoded' },

body: new URLSearchParams({ action: 'register', username, password, email })

});

const result = await response.text();

alert(result);

});

document.getElementById('loginForm').addEventListener('submit', async (e) => {

e.preventDefault();

const username = document.getElementById('loginUsername').value;

const password = document.getElementById('loginPassword').value;

const response = await fetch('user.php', {

method: 'POST',

headers: { 'Content-Type': 'application/x-www-form-urlencoded' },

body: new URLSearchParams({ action: 'login', username, password })

});

const result = await response.text();

alert(result);

if (result.includes("successful")) {

window.location.href = 'rental.html';

}

});

</script>

</body>

</html>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Two-Wheeler Rental</title>

<style>

body { font-family: Arial, sans-serif; }

.container { max-width: 500px; margin: auto; padding: 20px; border: 1px solid #ccc; }

select, input { width: 100%; padding: 10px; margin: 10px 0; }

button { padding: 10px; }

</style>

</head>

<body>

<div class="container">

<h1>Rent a Two-Wheeler</h1>

<form id="rentalForm">

<select id="vehicleSelect"></select>

<input type="datetime-local" id="rentalStart" required>

<input type="datetime-local" id="rentalEnd" required>

<button type="submit">Rent</button>

</form>

</div>

<script>

async function fetchVehicles() {

const response = await fetch('rental.php');

const vehicles = await response.json();

const vehicleSelect = document.getElementById('vehicleSelect');

vehicles.forEach(vehicle => {

const option = document.createElement('option');

option.value = vehicle.id;

option.textContent = vehicle.model;

vehicleSelect.appendChild(option);

});

}

document.getElementById('rentalForm').addEventListener('submit', async (e) => {

e.preventDefault();

const vehicle\_id = document.getElementById('vehicleSelect').value;

const rental\_start = document.getElementById('rentalStart').value;

const rental\_end = document.getElementById('rentalEnd').value;

const response = await fetch('rental.php', {

method: 'POST',

headers: { 'Content-Type': 'application/x-www-form-urlencoded' },

body: new URLSearchParams({ vehicle\_id, rental\_start, rental\_end })