

```

<?php
$host = "localhost";
$username = "root";
$password = "";
$database = "travel_planner";

// Create a connection to the database
$conn = new mysqli($host, $username, $password, $database);

// Check the connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
?>

```

phpMyAdmin

Server: 127.0.0.1 » Database: travel\_planner » Table: user

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Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 name	varchar(30)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 email	varchar(60)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 phone	varchar(255)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 password	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5 gender	varchar(10)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

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[Add](#) 1 column(s) after gender [Go](#)

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Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	PRIMARY	BTREE	Yes	No	email	0	A	No	
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	phone	BTREE	Yes	No	phone	0	A	No	



```

<?php
include("connection.php");

session_start();

$login_message = "";

if ($_SERVER["REQUEST_METHOD"] ==
"POST") {

    $email = $_POST["email"];
    $password = $_POST["password"];
    $sql = "SELECT * FROM user WHERE
email = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $email);
    $stmt->execute();
    $result = $stmt->get_result();
    if ($result->num_rows === 1) {

        $user = $result->fetch_assoc();

        // Verify the password
        if (password_verify($password,
$user["password"])) {

            $user_name = $user["name"];

            // Set session variables
            $_SESSION["user_name"] =
$user_name;
            $_SESSION["user_id"] = $user["id"];

            // Set the success message
            $login_message = "Login
successful!";
        } else {

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            $login_message = "Authentication
failed: Incorrect password";
        }
    } else {

        $login_message = "Authentication
failed: User not found, Please register";
    }

    $stmt->close();
} else {

    $login_message = "Authentication failed:
Form not submitted";
}

$conn->close();
?>

<!DOCTYPE html>
<html>
<head>
    <script>
        <?php
            if (!empty($login_message)) {
                echo "alert('" . $login_message .
            ');";
            }
        ?>

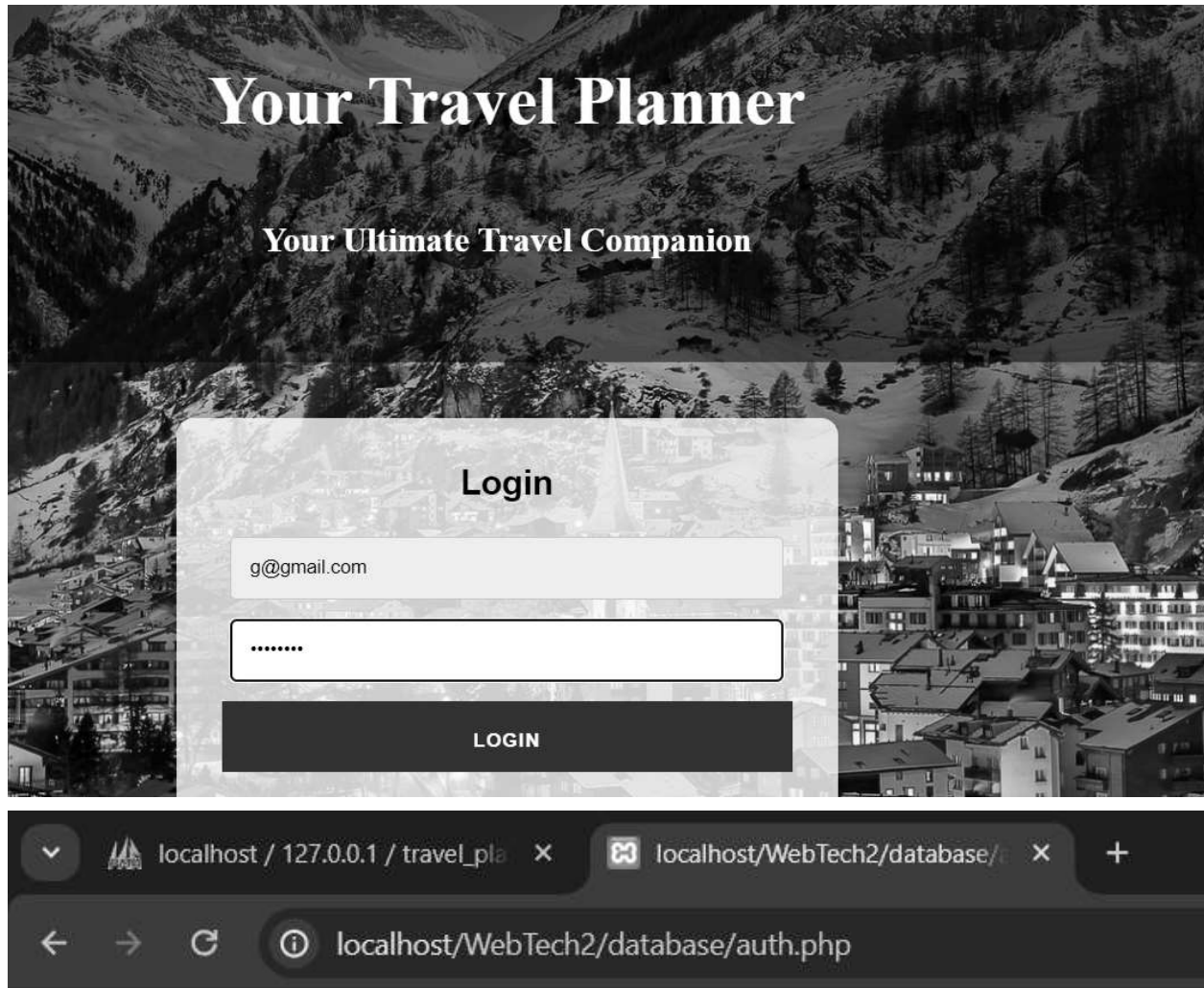
        <?php
            if ($login_message === "Login
successful!") {
                echo "window.location.href =
'../dashboard.html';";
            }
            if ($login_message === "Authentication
failed: Incorrect password"){
                echo "window.location.href =
'../index.html';";
            }

```

```

        if($login_message === "Authentication
failed: User not found, Please register"){
            echo "window.location.href =
'../register.html';";
        }
    ?>
</script>
</head>
<body>
</body>
</html>

```



Username fetched and stored in session: guru

## **app.rb**

```
require 'sinatra'

# Method to reverse the name
def reverse_name(first_name, last_name)
  "#{last_name} #{first_name}"
end

get '/' do
  erb :index
end

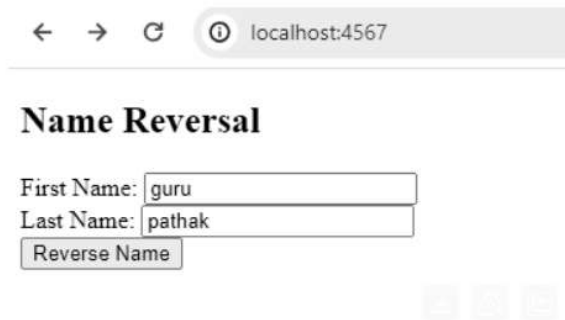
post '/reverse' do
  first_name = params[:first_name]
  last_name = params[:last_name]
  @reversed_name = reverse_name(first_name, last_name)
  erb :reverse
end
```

## **index.erb**

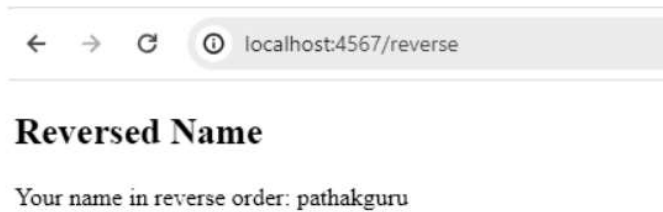
```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Reverse Name</title>
</head>
<body>
  <h1>Reverse Name</h1>
  <form action="/reverse" method="POST">
    <label for="first_name">First Name:</label>
    <input type="text" id="first_name" name="first_name" required><br>
    <label for="last_name">Last Name:</label>
    <input type="text" id="last_name" name="last_name" required><br>
    <button type="submit">Reverse Name</button>
  </form>
</body>
</html>
```

## reverse.erb

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Reversed Name</title>
</head>
<body>
  <h1>Reversed Name</h1>
  <p><%= @reversed_name %></p>
</body>
</html>
```



A screenshot of a web browser window. The address bar shows 'localhost:4567'. The page title is 'Name Reversal'. The form contains two input fields: 'First Name:' with the value 'guru' and 'Last Name:' with the value 'pathak'. Below these fields is a button labeled 'Reverse Name'. At the bottom of the form, there are three small social media icons: Twitter, Facebook, and Instagram.



A screenshot of a web browser window. The address bar shows 'localhost:4567/reverse'. The page title is 'Reversed Name'. The text on the page reads 'Your name in reverse order: pathakguru'.