

## ESD (Employability Skills Development) FA-3

### Title:

Call the API through JavaScript and show it in html. Also implement all CRUD operations – Pharmacy Management

**Tools:** Microsoft Word, PhpMyAdmin, Postman

### Screenshot:

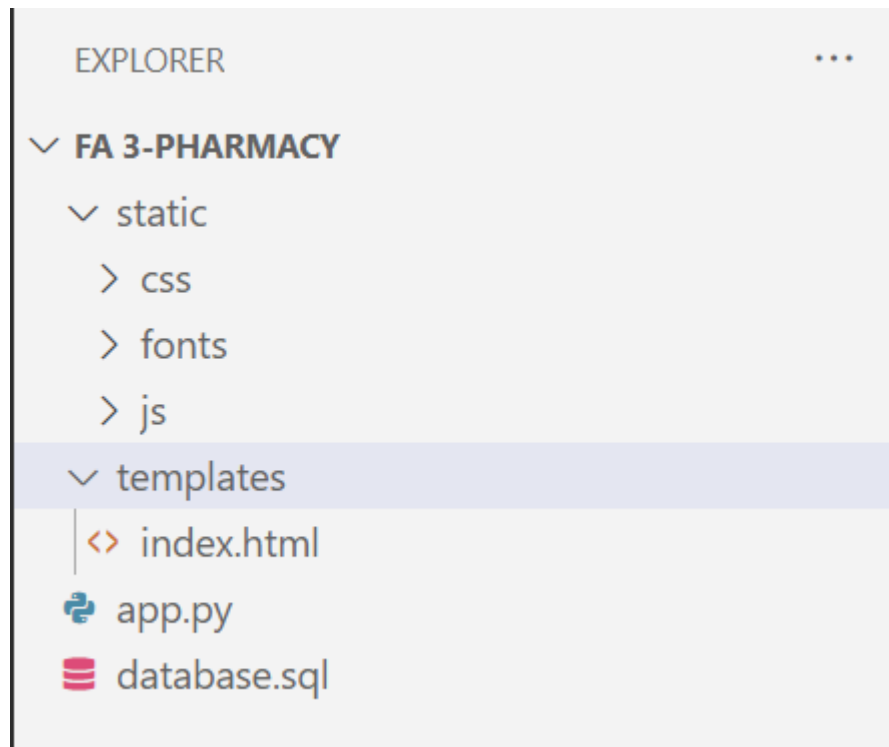
#### Structure of Medicine Table

| Server: 127.0.0.1:3306 » Database: esd_grp. 9 » Table: medicine  |         |              |                    |            |      |         |          |                |                    |
|--|---------|--------------|--------------------|------------|------|---------|----------|----------------|--------------------|
| <a href="#">Browse</a> <a href="#">Structure</a> <a href="#">SQL</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Export</a> <a href="#">Import</a> <a href="#">Privileges</a> <a href="#">Operations</a> |         |              |                    |            |      |         |          |                |                    |
| <a href="#">Table structure</a> <a href="#">Relation view</a>  |         |              |                    |            |      |         |          |                |                    |
| #  | Name    | Type         | Collation          | Attributes | Null | Default | Comments | Extra          | Action             |
| <input type="checkbox"/> 1   | id      | int(11)      |                    |            | No   | None    |          | AUTO_INCREMENT | Change  Drop  More |
| <input type="checkbox"/> 2   | name    | varchar(255) | utf8mb4_general_ci |            | No   | None    |          |                | Change  Drop  More |
| <input type="checkbox"/> 3   | email   | varchar(255) | utf8mb4_general_ci |            | No   | None    |          |                | Change  Drop  More |
| <input type="checkbox"/> 4   | payment | varchar(255) | utf8mb4_general_ci |            | No   | None    |          |                | Change  Drop  More |
| <input type="checkbox"/> 5   | phone   | varchar(255) | utf8mb4_general_ci |            | No   | None    |          |                | Change  Drop  More |

#### Table: Customer

|  |  |  |    |                               |               |
|--|--|--|----|-------------------------------|---------------|
| Showing rows 0 - 4 (5 total, Query took 0.0009 seconds.)   |  |  |    |                               |               |
| <pre>SELECT * FROM `medicine`</pre>  |  |  |    |                               |               |
| <input type="checkbox"/> Profiling <a href="#">[ Edit inline ]</a> <a href="#">[ Edit ]</a> <a href="#">[ Explain SQL ]</a> <a href="#">[ Create PHP code ]</a> <a href="#">[ Refresh ]</a>        |  |  |    |                               |               |
| <input type="checkbox"/> Show all   Number of rows: <input type="text" value="25"/>   Filter rows: <input type="text" value="Search this table"/>   Sort by key: <input type="text" value="None"/> |  |  |    |                               |               |
| + Options  |  |  |    |                               |               |
|  |  |  | id | name                          | email         |
| <input type="checkbox"/>   |  |  |    | 1                             | Acetaminophen |
|  |  |  |    | dishadhanukar@gmail.com       | Online        |
| <input type="checkbox"/>   |  |  |    | 2                             | Safinamide    |
|  |  |  |    | adityachoudhary@gmail.com     | Cash          |
| <input type="checkbox"/>   |  |  |    | 3                             | Pacerone      |
|  |  |  |    | amaanreshamwala2000@gmail.com | Online        |
| <input type="checkbox"/>   |  |  |    | 4                             | Carvedilol    |
|  |  |  |    | aamleshmaurya@gmail.com       | Cash          |
| <input type="checkbox"/>   |  |  |    | 5                             | Methocarbamol |
|  |  |  |    | prasadpadwal2003@gmail.com    | Cash          |

## Project Directory



### app.py

```
from flask import Flask,
render_template, request, url_for, flash
from werkzeug.utils import redirect
from flask_mysqldb import MySQL

app = Flask(__name__)
app.secret_key = 'my precious'

app.config['MYSQL_HOST'] =
'localhost'
app.config['MYSQL_USER'] = 'root'
app.config['MYSQL_PASSWORD'] = ''
app.config['MYSQL_DB'] = 'esd_grp. 9'
```

```
mysql = MySQL(app)

@app.route('/')
def Index():
    cur = mysql.connection.cursor()
    cur.execute("SELECT * FROM
medicine")
    data = cur.fetchall()
    cur.close()

    return render_template('index.html',
medicine=data)

@app.route('/insert', methods = ['POST'])
```

```
def insert():
    flash("Data Inserted Successfully")
    name = request.form.get('name')
    email = request.form.get('email')
    payment =
request.form.get('payment')
    phone = request.form.get('phone')
    cur = mysql.connection.cursor()
    cur.execute("INSERT INTO
medicine (name, email, payment, phone)
VALUES (%s, %s, %s, %s)", (name,
email, payment, phone))
    mysql.connection.commit()
    return redirect(url_for('Index'))

@app.route('/delete/<string:id_data>',
methods = ['GET'])
def delete(id_data):
    flash("Record Has Been Deleted
Successfully !!!!!!!!!!!!!!!")

    cur = mysql.connection.cursor()
    cur.execute("DELETE FROM
medicine WHERE id=%s", (id_data,))

mysql.connection.commit()
    return redirect(url_for('Index'))
```

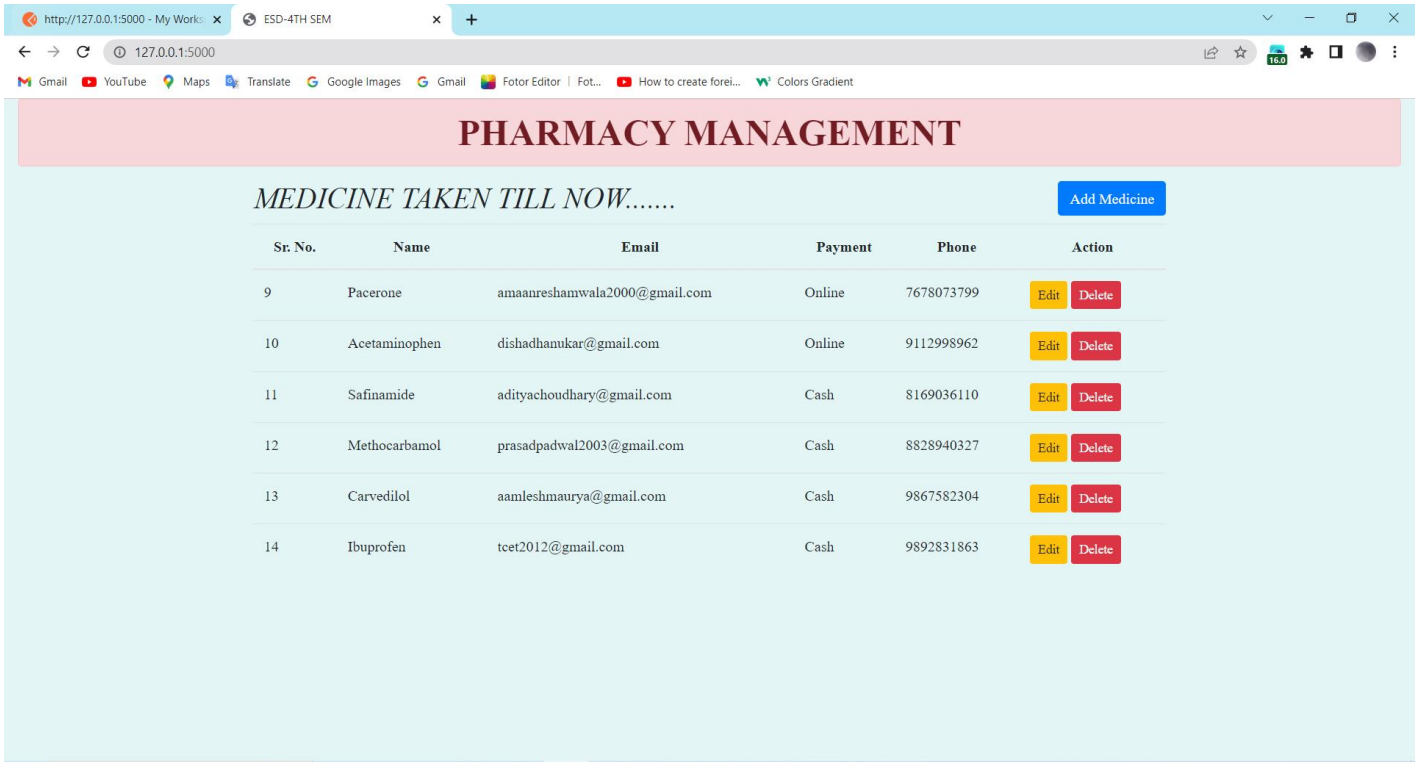
```
@app.route('/update', methods=['POST'])
def update():
    id = request.form['id']
    name = request.form['name']
    email = request.form['email']
    payment = request.form['payment']
    phone = request.form['phone']
    cur = mysql.connection.cursor()

    cur.execute("""
UPDATE medicine
SET
    name=%s,
    email=%s,
    payment=%s,
    phone=%s
WHERE id=%s
""",
(name, email, payment, phone, id))
    mysql.connection.commit()

    flash('Data Updated Successfully')
    return redirect(url_for('Index'))

if __name__ == "__main__":
    app.run(debug=True)
```

## MAIN WEB PAGE

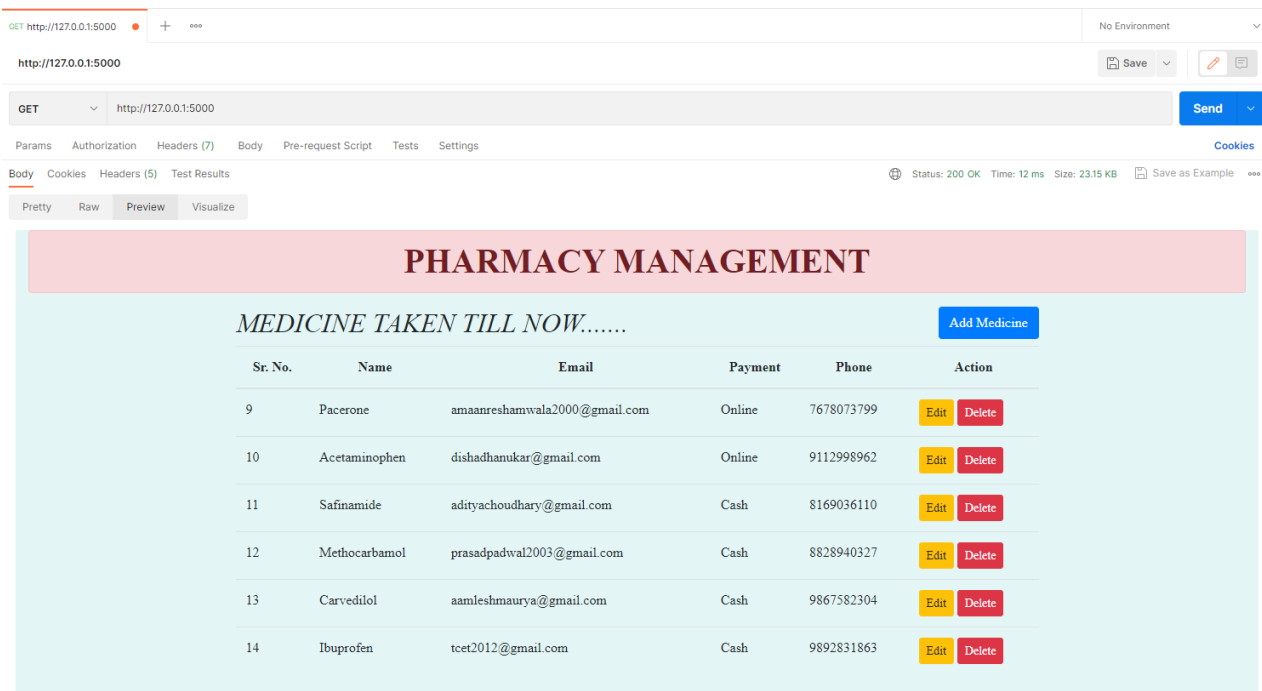


**PHARMACY MANAGEMENT**

*MEDICINE TAKEN TILL NOW.....* [Add Medicine](#)

| Sr. No. | Name          | Email                         | Payment | Phone      | Action                                      |
|---------|---------------|-------------------------------|---------|------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 10      | Acetaminophen | dishadhanukar@gmail.com       | Online  | 9112998962 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863 | <a href="#">Edit</a> <a href="#">Delete</a> |

## SHOWING THE MEDICINE TAKEN BY THE CUSTOMER THROUGH GET METHOD



**PHARMACY MANAGEMENT**

*MEDICINE TAKEN TILL NOW.....* [Add Medicine](#)

| Sr. No. | Name          | Email                         | Payment | Phone      | Action                                      |
|---------|---------------|-------------------------------|---------|------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 10      | Acetaminophen | dishadhanukar@gmail.com       | Online  | 9112998962 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863 | <a href="#">Edit</a> <a href="#">Delete</a> |

## ADDING THE NEW MEDICINE

http://127.0.0.1:5000 - My Works x ESD-4TH SEM x +

127.0.0.1:5000

Gmail YouTube Maps Translate Google Images Fotor Editor | Fot... How to create forei... Colors Gradient

### PHARMACY MANAGEMENT

*MEDICINE TAKEN*

| Sr. No. | Name          |
|---------|---------------|
| 9       | Pacerone      |
| 10      | Acetaminophen |
| 11      | Safinamide    |
| 12      | Methocarbamol |
| 13      | Carvedilol    |
| 14      | Ibuprofen     |

**Add Medicine**

| Phone | Action                                |
|-------|---------------------------------------|
| 73799 | <span>Edit</span> <span>Delete</span> |
| 98962 | <span>Edit</span> <span>Delete</span> |
| 36110 | <span>Edit</span> <span>Delete</span> |
| 40327 | <span>Edit</span> <span>Delete</span> |
| 82304 | <span>Edit</span> <span>Delete</span> |
| 31863 | <span>Edit</span> <span>Delete</span> |

Please Add New Medicine

Full Name

Email

Payment

Phone Number

Save

http://127.0.0.1:5000 - My Works x ESD-4TH SEM x +

127.0.0.1:5000

Gmail YouTube Maps Translate Google Images Fotor Editor | Fot... How to create forei... Colors Gradient

### PHARMACY MANAGEMENT

*MEDICINE TAKEN TILL NOW.....*

Data Inserted Successfully

| Sr. No. | Name          | Email                         | Payment | Phone       | Action                                |
|---------|---------------|-------------------------------|---------|-------------|---------------------------------------|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799  | <span>Edit</span> <span>Delete</span> |
| 10      | Acetaminophen | dishadhanukar@gmail.com       | Online  | 9112998962  | <span>Edit</span> <span>Delete</span> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110  | <span>Edit</span> <span>Delete</span> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327  | <span>Edit</span> <span>Delete</span> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304  | <span>Edit</span> <span>Delete</span> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863  | <span>Edit</span> <span>Delete</span> |
| 15      | Crosin        | reshamwalamaan@gmail.com      | 1598    | 88877766655 | <span>Edit</span> <span>Delete</span> |

**Add Medicine**

## ADDING THE NEW MEDICINE THROUGH API

POST http://127.0.0.1:5000/ + ...

http://127.0.0.1:5000/insert

POST http://127.0.0.1:5000/insert Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL

| Key   | Value                    | Description | Bulk Edit |
|---|--------------------------|-------------|-----------|
| <input checked="" type="checkbox"/> name    | Otrivin                  |             |           |
| <input checked="" type="checkbox"/> email   | samaranand2020@gmail.com |             |           |
| <input checked="" type="checkbox"/> payment | Online                   |             |           |
| <input checked="" type="checkbox"/> phone   | 9988899989               |             |           |

POST http://127.0.0.1:5000/ + ...

http://127.0.0.1:5000/insert

POST http://127.0.0.1:5000/insert Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

Body Cookies Headers (6) Test Results Status: 200 OK Time: 20 ms Size: 26.6 KB Save as Example

Pretty Raw **Preview** Visualize

[Add Medicine](#)

Data Inserted Successfully

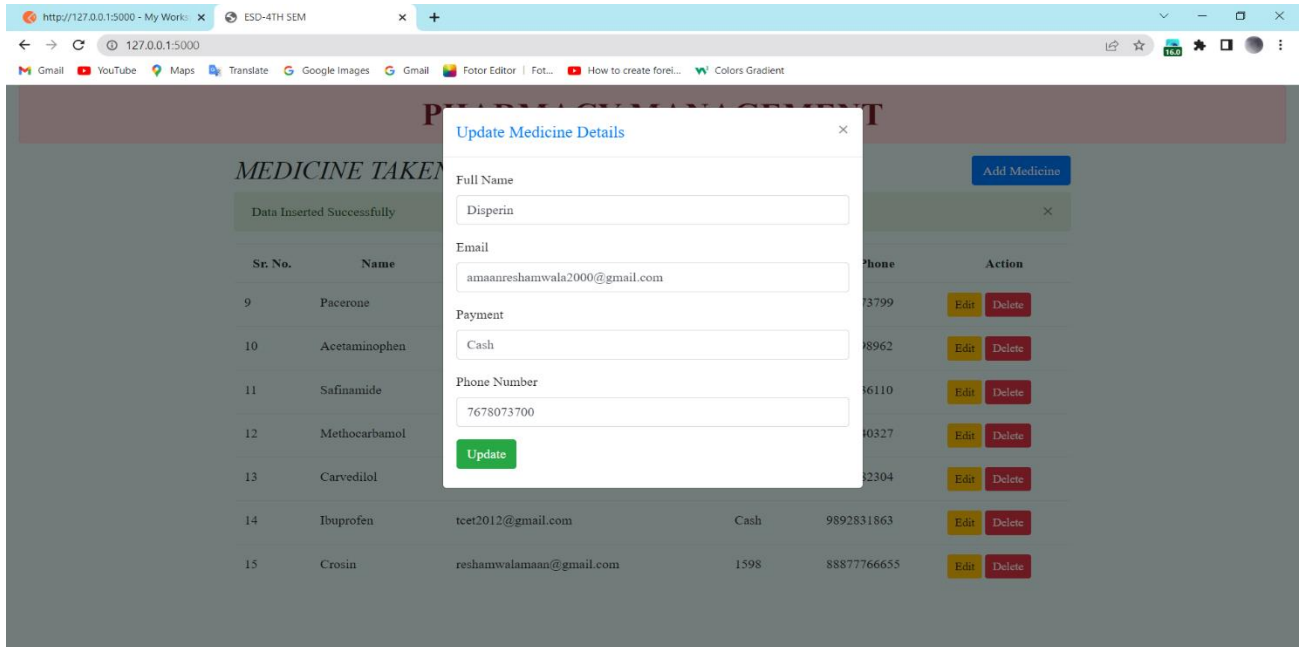
| Sr. No. | Name          | Email                         | Payment | Phone       | Action                                      |
|---------|---------------|-------------------------------|---------|-------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 15      | Crosin        | reshamwalamaan@gmail.com      | 1598    | 88877766655 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 17      | Otrivin       | samaranand2020@gmail.com      | Online  | 9988899989  | <a href="#">Edit</a> <a href="#">Delete</a> |

☐
[Edit](#)
[Copy](#)
[Delete](#) 
 17 Otrivin 
 samaranand2020@gmail.com 
 Online 
 9988899989

### Database after performing Insertion via API

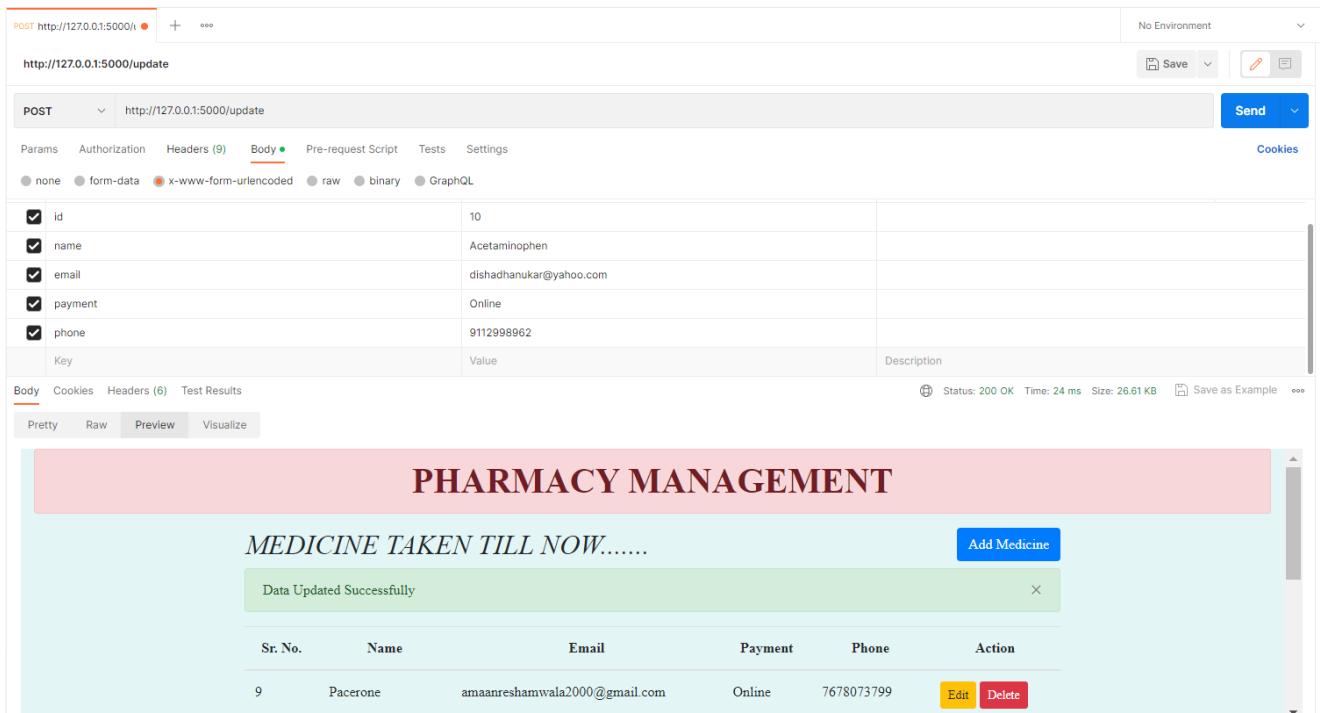


## UPDATING THE MEDICINE



| Sr. No. | Name          | Email                         | Payment | Phone       | Action                                      |
|---------|---------------|-------------------------------|---------|-------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Cash    | 73799       | <a href="#">Edit</a> <a href="#">Delete</a> |
| 10      | Acetaminophen |                               |         | 8962        | <a href="#">Edit</a> <a href="#">Delete</a> |
| 11      | Safinamide    |                               |         | 6110        | <a href="#">Edit</a> <a href="#">Delete</a> |
| 12      | Methocarbamol |                               |         | 0327        | <a href="#">Edit</a> <a href="#">Delete</a> |
| 13      | Carvedilol    |                               |         | 2304        | <a href="#">Edit</a> <a href="#">Delete</a> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863  | <a href="#">Edit</a> <a href="#">Delete</a> |
| 15      | Crosin        | reshamwalamaan@gmail.com      | 1598    | 88877766655 | <a href="#">Edit</a> <a href="#">Delete</a> |

**Entering the details to update from the Edit Button**



| Sr. No. | Name     | Email                         | Payment | Phone      | Action                                      |
|---------|----------|-------------------------------|---------|------------|---|
| 9       | Pacerone | amaanreshamwala2000@gmail.com | Online  | 7678073799 | <a href="#">Edit</a> <a href="#">Delete</a> |

**Add the key-value pairs for the data you want to update in the table**

POST http://127.0.0.1:5000/ + ... No Environment

http://127.0.0.1:5000/update Save Send

POST http://127.0.0.1:5000/update Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (6) Test Results Status: 200 OK Time: 18 ms Size: 26.61 KB Save as Example

Pretty Raw Preview Visualize

## PHARMACY MANAGEMENT

*MEDICINE TAKEN TILL NOW.....* Add Medicine

Data Updated Successfully

| Sr. No. | Name          | Email                         | Payment | Phone      | Action  |
|---------|---------------|-------------------------------|---------|------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 10      | Acetaminophen | dishadhanukar@gmail.com       | Online  | 9112998962 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |

Cookies Desktop Agent Runner Trash

**Updating a record by calling the API**

## **DELETING THE MEDICINE**

GET http://127.0.0.1:5000/ + ... No Environment

http://127.0.0.1:5000/ Save Send

GET http://127.0.0.1:5000/ Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (5) Test Results Status: 200 OK Time: 13 ms Size: 26.28 KB Save as Example

Pretty Raw Preview Visualize

## PHARMACY MANAGEMENT

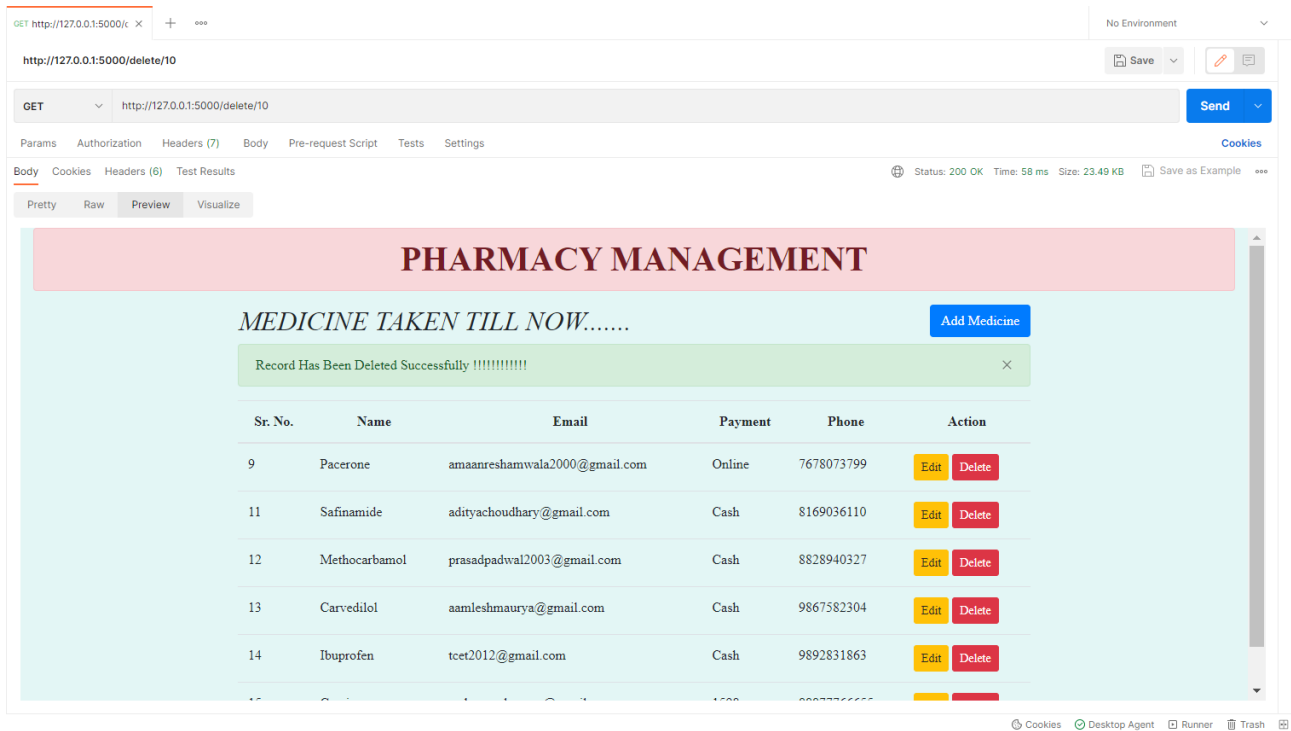
*MEDICINE TAKEN TILL NOW.....* Add Medicine

| Sr. No. | Name          | Email                         | Payment | Phone       | Action  |
|---------|---------------|-------------------------------|---------|-------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 10      | Acetaminophen | dishadhanukar@gmail.com       | Online  | 9112998962  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863  | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |
| 15      | Crosin        | reshamwalamaan@gmail.com      | 1598    | 88877766655 | <span style="color: #ffc107;">Edit</span> <span style="color: #dc3545;">Delete</span> |

Cookies Desktop Agent Runner Trash

**Before deleting a record by calling the API**





**PHARMACY MANAGEMENT**

*MEDICINE TAKEN TILL NOW.....*

Record Has Been Deleted Successfully !!!!!!!!!!!

| Sr. No. | Name          | Email                         | Payment | Phone      | Action                                      |
|---------|---------------|-------------------------------|---------|------------|---|
| 9       | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 11      | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 12      | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 13      | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304 | <a href="#">Edit</a> <a href="#">Delete</a> |
| 14      | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863 | <a href="#">Edit</a> <a href="#">Delete</a> |

**After deleting a record by calling the API**

✓ Showing rows 0 - 5 (6 total, Query took 0.0010 seconds.)

`SELECT * FROM `medicine``

☐ Profiling [ [Edit inline](#) ] [ [Edit](#) ] [ [Explain SQL](#) ] [ [Create PHP code](#) ] [ [Refresh](#) ]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

|   | id | name          | email                         | payment | phone       |
|---|----|---------------|-------------------------------|---------|-------------|
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 9  | Pacerone      | amaanreshamwala2000@gmail.com | Online  | 7678073799  |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 11 | Safinamide    | adityachoudhary@gmail.com     | Cash    | 8169036110  |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 12 | Methocarbamol | prasadpadwal2003@gmail.com    | Cash    | 8828940327  |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 13 | Carvedilol    | aamleshmaurya@gmail.com       | Cash    | 9867582304  |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 14 | Ibuprofen     | tcet2012@gmail.com            | Cash    | 9892831863  |
| <input type="checkbox"/> <a href="#">Edit</a> <a href="#">Copy</a> <a href="#">Delete</a> | 15 | Crosin        | reshamwalamaan@gmail.com      | 1598    | 88877766655 |

**Database after performing the CRUD operation i.e. Delete**