

# Medical Store Medicine Data Management

1> Database and Table Created Using SQL:

Database and Table Image:

```
mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| company |
| information_schema |
| library |
| medicalstore |
| mysql |
| performance_schema |
| pythonbookdb |
| pythondbbook |
| student |
| sys |
+-----+
10 rows in set (0.01 sec)

mysql> USE medicalstore;
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_medicalstore |
+-----+
| medicine |
+-----+
1 row in set (0.01 sec)
```

```
mysql> DESC medicine;
```

Field	Type	Null	Key	Default	Extra
m_id	int	NO	PRI	NULL	auto_increment
m_name	varchar(30)	YES		NULL	
m_color	varchar(20)	YES		NULL	
m_type	varchar(30)	YES		NULL	
m_dose	varchar(40)	YES		NULL	
m_desc	varchar(50)	YES		NULL	
m_use	varchar(50)	YES		NULL	
m_ingr	varchar(50)	YES		NULL	
m_mfg	date	YES		NULL	
m_exp	date	YES		NULL	
m_price	decimal(8,2)	YES		NULL	
m_comp	varchar(40)	YES		NULL	

```
12 rows in set (0.01 sec)
```

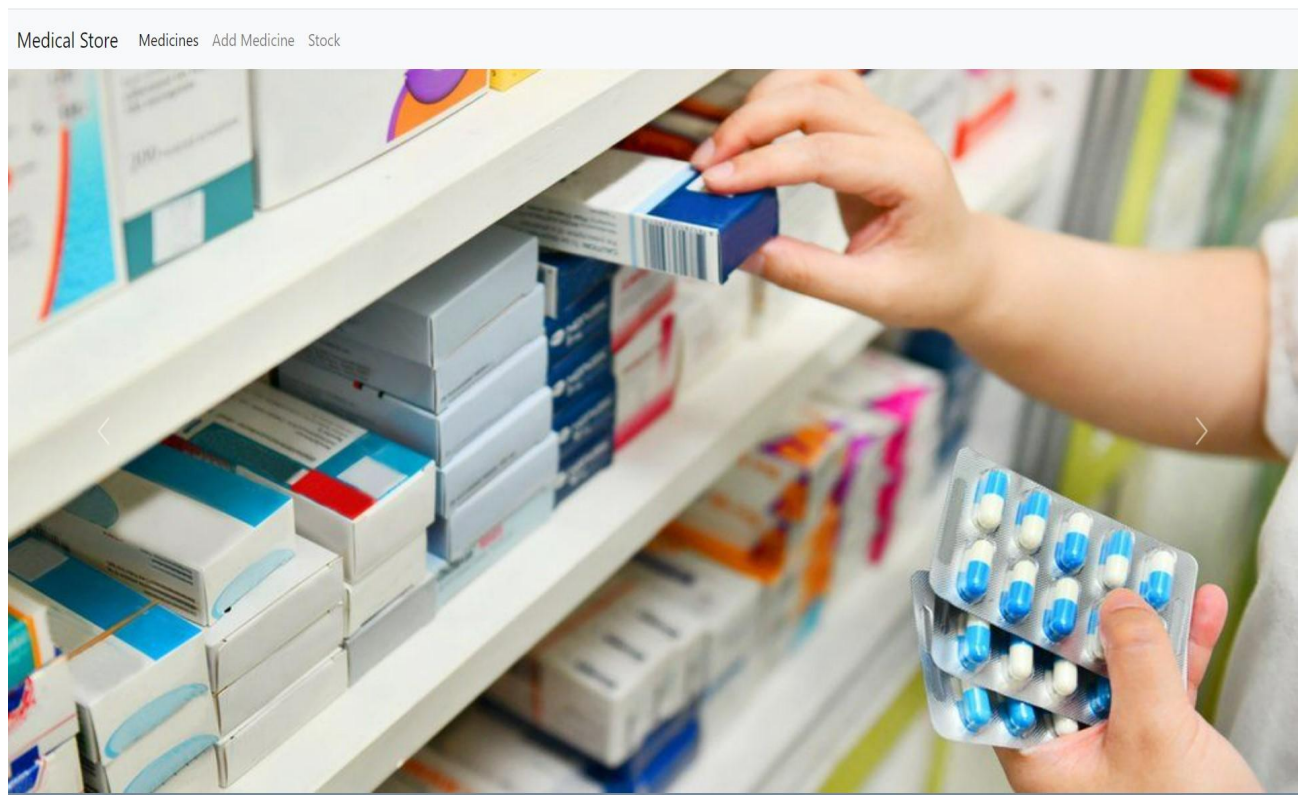
```
mysql> SELECT * FROM medicine;
```

m_id	m_name	m_color	m_type	m_dose	m_desc	m_use	m_ingr	m_mfg	m_exp
1	Azithromycin	Red	Tablet	500mg	An antibiotic which stops growth of bacteria	To treat Bacterial Infections	dibasic calcium, sodium croscarmellose etc.	2022-08-19	2024-08-19
2	Ferium	Red	Tablet	750	has calcium and vitamins	to treat people with low calcium & vitamins	vitamin b & calcium	2020-09-19	2023-08-12
4	Crocina	Light blue	Syrup	250	Used to treat Common Cold and Flu	Cold,Flu	Paracetamol	2022-03-01	2025-12-17
5	Ascoril D	Rose Red	Syrup	350	It is used to treat Cough	Cough	Phenylephrine	2021-12-29	2022-10-24
6	Combiflam	White	Tablet	650	Used to treat Common Cold and Flu	Cold,Flu	Paracetamol	2021-01-08	2024-07-18

```
5 rows in set (0.00 sec)
```


## Output Screenshots:-

### Home Page



# Medicine List(Select All Query)

Here All the medicine in the database will be listed in a tabular form.

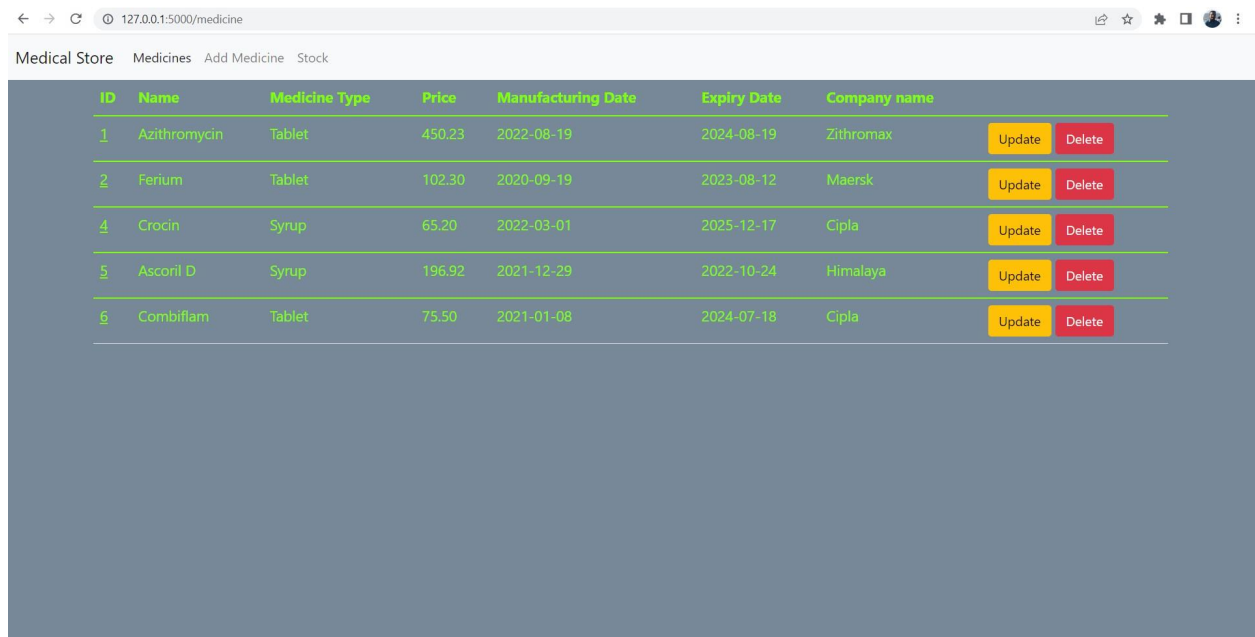


The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/medicine". The page has a navigation bar with links: "Medical Store", "Medicines", "Add Medicine", and "Stock". Below the navigation bar is a table listing medicines. The table has columns for ID, Name, Medicine Type, Price, Manufacturing Date, Expiry Date, and Company name. Each row represents a medicine and includes "Update" and "Delete" buttons.

ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	450.23	2022-08-19	2024-08-19	Zithromax	Update	Delete
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete

# ADD Medicine(Insert Into Query)

## Before Adding List:-



ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	450.23	2022-08-19	2024-08-19	Zithromax	Update	Delete
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete

## When We Click on Add Medicine:-

When we click on Add Medicine on NavBar it will redirect us to a form in which we can put the information of medicine that we want to add.

It Screenshot is below

The screenshot displays a web browser window with the address bar showing '127.0.0.1:5000/addmedicine'. The browser's navigation bar includes 'Medical Store', 'Medicines', 'Add Medicine', and 'Stock' links. The main content area features a form for adding a new medicine. The form is organized into two columns. The left column contains the following fields: 'Name :', 'Type :', 'Manufacturing Date :', 'Usage :', 'Description :', and 'Company Name :'. The right column contains: 'Color :', 'Dosage :', 'Expiry Date :', 'Ingredients :', and 'Price :'. The 'Manufacturing Date' and 'Expiry Date' fields are accompanied by calendar icons. A blue 'Save' button is positioned below the 'Company Name' field. The background of the page is a solid dark blue-grey color.

## After Adding Information:-

Here I have filled in the information.

Medical Store Medicines Add Medicine Stock

Name :	Becadexamin	Color :	Brown
Type :	Capsule	Dosage :	500
Manufacturing Date :	29-01-2021	Expiry Date :	20-09-2023
Usage :	used to improve blood cir	Ingredients :	Multivitamins and Minera
Description :	Nutritional Supplement	Price :	45.86
Company Name :	Glaxo SmithKline	<a href="#">Save</a>	

## After Clicking on Save It is Redirect to Medicine List:-

You can See here Becadexamin is added on the list and it was in the list before we added.



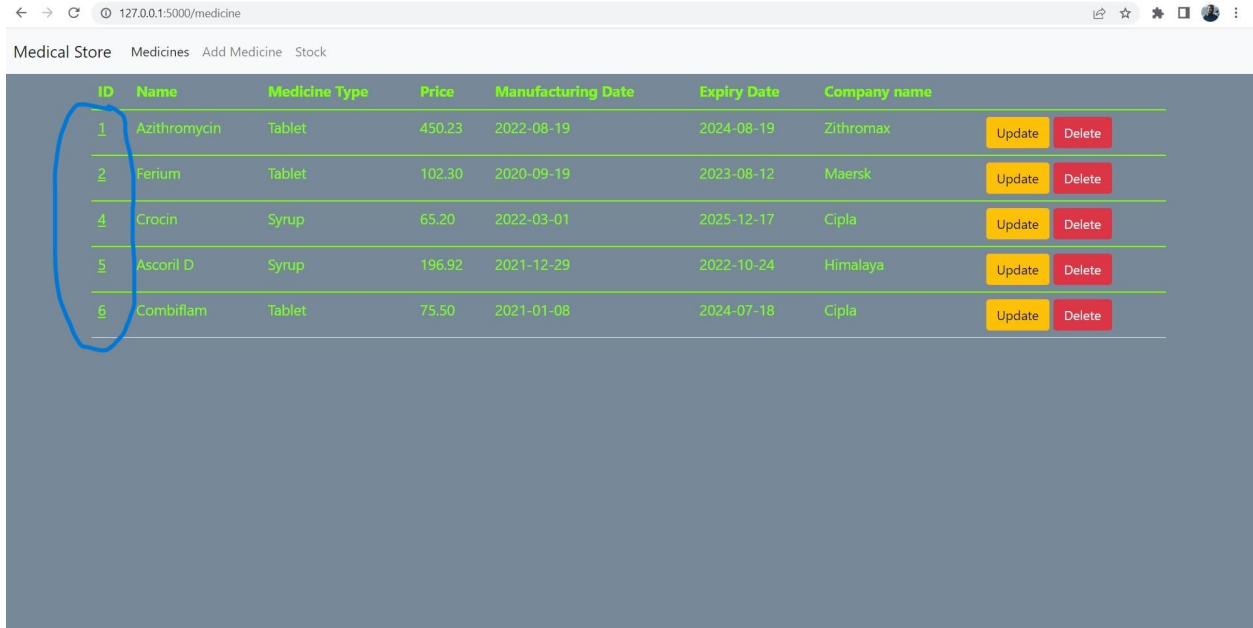
←	→	↻	127.0.0.1:5000/medicine	🔍	☆	⚙	🖨	👤	⋮
Medical Store	Medicines	Add Medicine	Stock						
ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name			
1	Azithromycin	Tablet	450.23	2022-08-19	2024-08-19	Zithromax	Update	Delete	
2	Perium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete	
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete	
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete	
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete	
7	Becadexamin	Capsule	45.86	2021-01-29	2023-09-20	Glaxo SmithKline	Update	Delete	



# Medicine Detail

When you click on medicine Id in the medicine list you will get the information of that particular medicine.

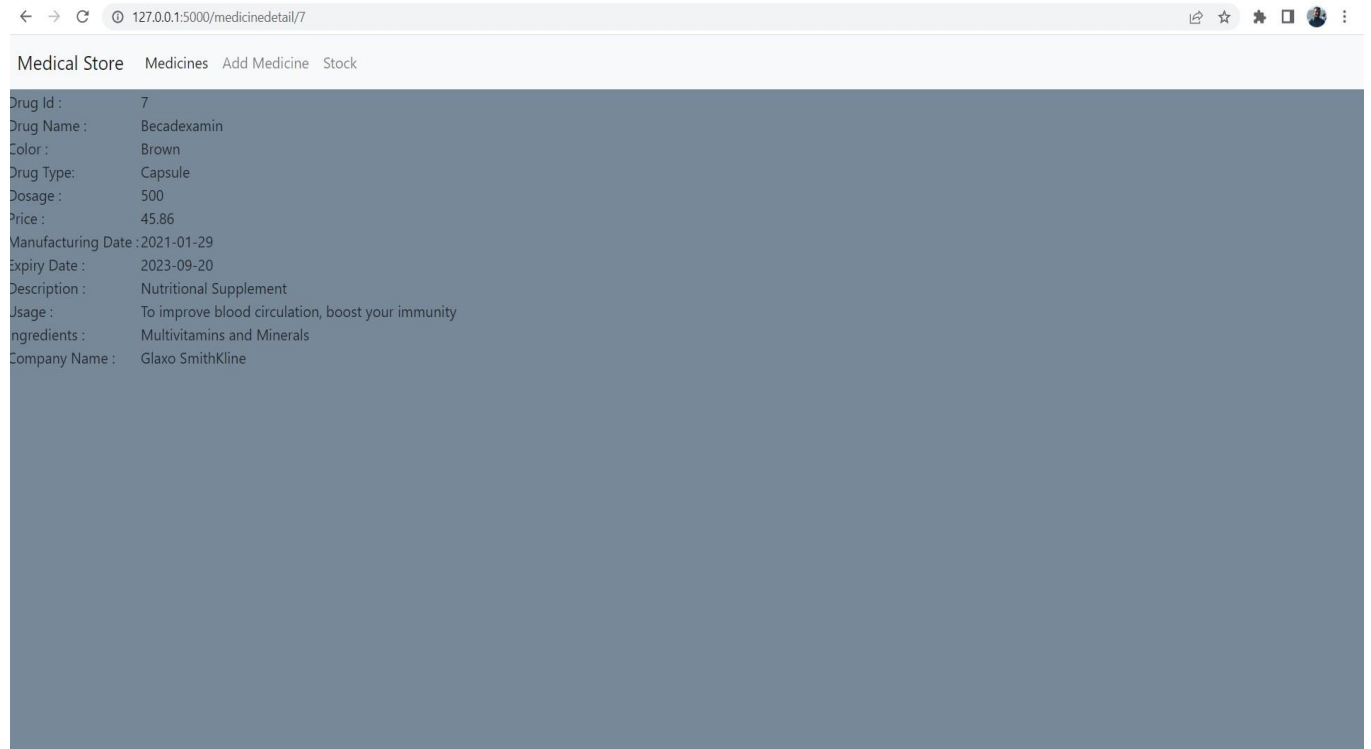
Here you can see that a link is there on the id which will redirect us to information page of that medicine



Medical Store Medicines Add Medicine Stock

ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
<a href="#">1</a>	Azithromycin	Tablet	450.23	2022-08-19	2024-08-19	Zithromax	Update	Delete
<a href="#">2</a>	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
<a href="#">4</a>	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
<a href="#">5</a>	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
<a href="#">6</a>	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete

## Medicine Detail Page:-

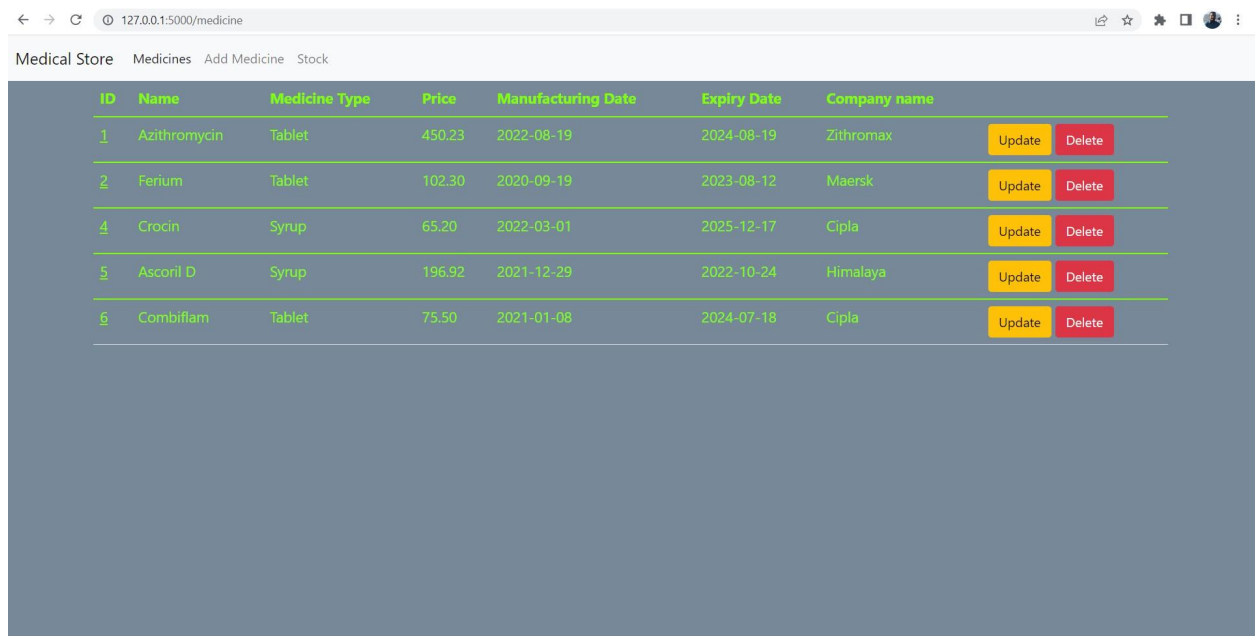


# Update(Update Query)

Here if we want to update any information we can update it using this button.

## Before Update List:-

Here note the price of Azithromycin Whose medicine id is 1 and price is 450.23 we are gonna change its price to 250.63



ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	450.23	2022-08-19	2024-08-19	Zithromax	Update	Delete
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete

## After Clicking on Update Button:-

When we click on the update button it will open the filled form and we can change the information that we want to change on that form.

Here you can also see in URL that the medicine that is selected is whose id is 1

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/updatemedicine/1'. The browser's address bar also shows navigation icons (back, forward, refresh) and a search icon. The application's navigation bar includes 'Medical Store', 'Medicines', 'Add Medicine', and 'Stock'. The main form contains the following fields and values:

Name :	Azithromycin	Color :	Red
Type :	Tablet	Dosage :	500mg
Manufacturing Date :	19-08-2022	Expiry Date :	19-08-2024
Usage :	To treat Bacterial Infection	Ingredients :	dibasic calcium, sodium ci
Description :	An antibiotic which stops	Price :	450.23
Company Name :	Zithromax		

A blue 'Save' button is located next to the 'Company Name' field.

## After Changing its price from 450.23 to 250.63:-

Medical Store Medicines Add Medicine Stock

Name : Azithromycin Color : Red

Type : Tablet Dosage : 500mg

Manufacturing Date : 19-08-2022 Expiry Date : 19-08-2024

Usage : To treat Bacterial Infection Ingredients : dibasic calcium, sodium ci

Description : An antibiotic which stops Price : 250.63

Company Name : Zithromax [Save](#)

## After Clicking on Save Button:-

Here you can that price for Azithromycin having id 1 is changed to 250.63

ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	250.63	2022-08-19	2024-08-19	Zithromax	<a href="#">Update</a>	<a href="#">Delete</a>
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	<a href="#">Update</a>	<a href="#">Delete</a>
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	<a href="#">Update</a>	<a href="#">Delete</a>
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	<a href="#">Update</a>	<a href="#">Delete</a>
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	<a href="#">Update</a>	<a href="#">Delete</a>
7	Becadexamin	Capsule	45.86	2021-01-29	2023-09-20	Glaxo SmithKline	<a href="#">Update</a>	<a href="#">Delete</a>

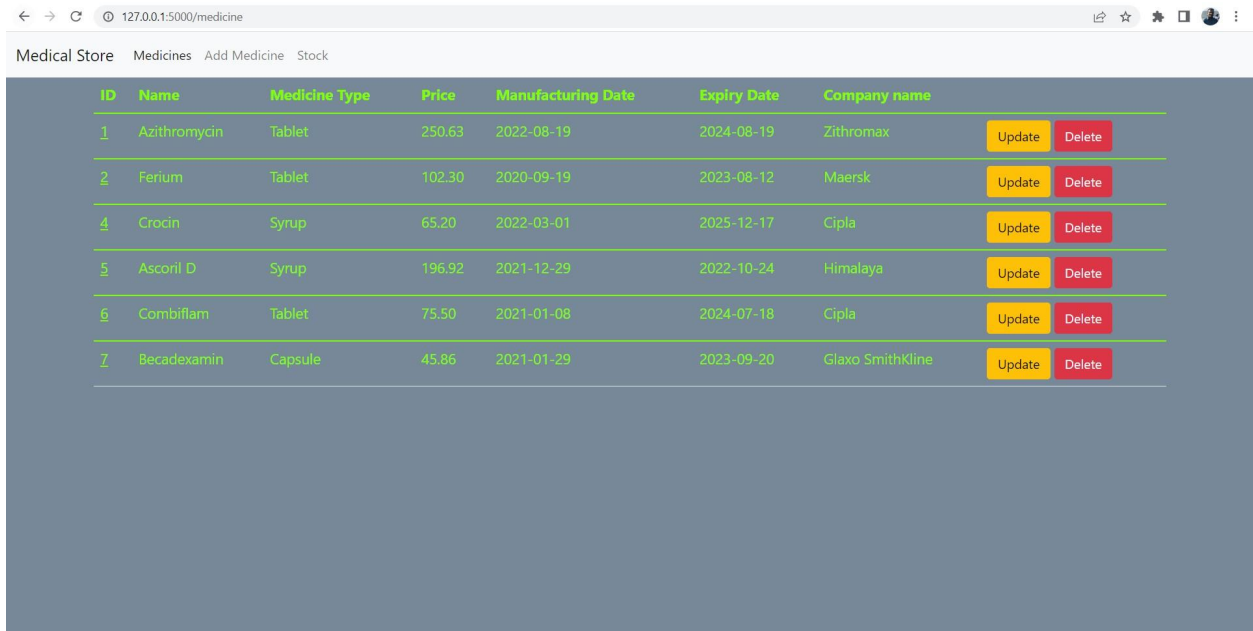
# Delete(Delete Query)

When we want to Delete any Medicine information we just have to click on the delete button in front of that medicine.

That button will trigger a Delete Query and use its id to delete that specific medicine that we want to delete.

## Before Delete List:-

We will delete Combiflam Tablet from this list which has id 6



ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	250.63	2022-08-19	2024-08-19	Zithromax	Update	Delete
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
6	Combiflam	Tablet	75.50	2021-01-08	2024-07-18	Cipla	Update	Delete
7	Becadexamin	Capsule	45.86	2021-01-29	2023-09-20	Glaxo SmithKline	Update	Delete

## After Clicking on Delete Button:-

When we click on the delete button it will delete that medicine and redirect to a list again where that medicine will not be there.

Here we can see that Combiflam Tablet is no more in the list after we click delete button in front of it.

ID	Name	Medicine Type	Price	Manufacturing Date	Expiry Date	Company name		
1	Azithromycin	Tablet	250.63	2022-08-19	2024-08-19	Zithromax	Update	Delete
2	Ferium	Tablet	102.30	2020-09-19	2023-08-12	Maersk	Update	Delete
4	Crocin	Syrup	65.20	2022-03-01	2025-12-17	Cipla	Update	Delete
5	Ascoril D	Syrup	196.92	2021-12-29	2022-10-24	Himalaya	Update	Delete
7	Becadexamin	Capsule	45.86	2021-01-29	2023-09-20	Glaxo SmithKline	Update	Delete