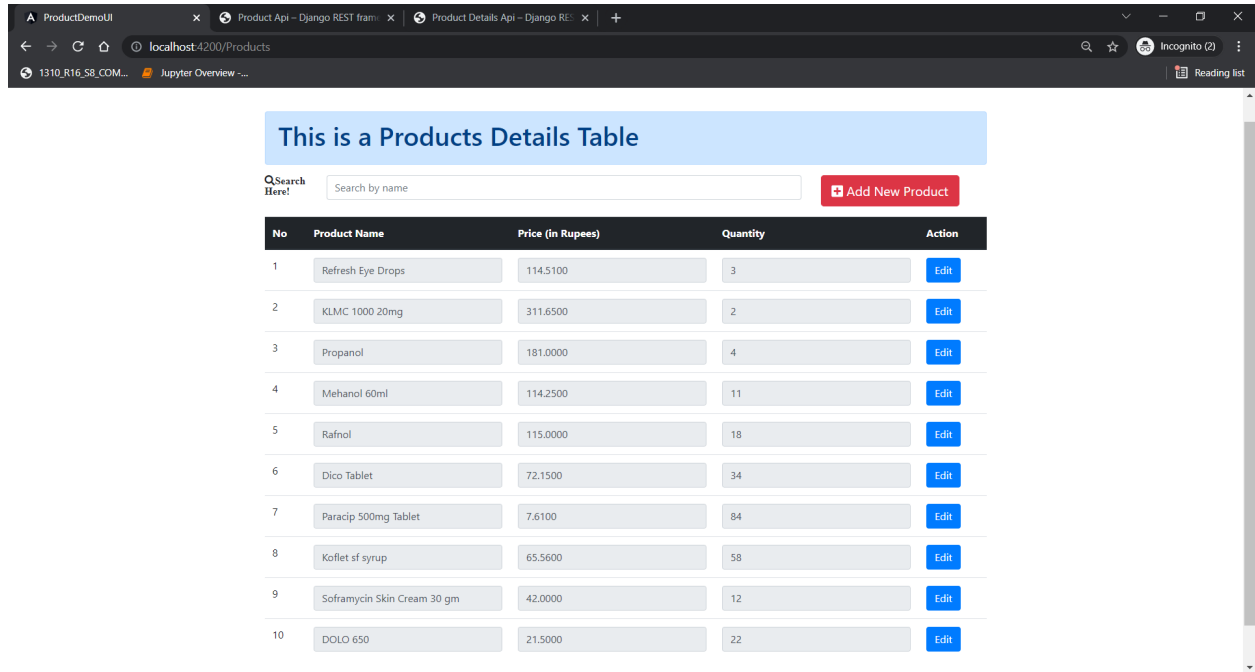


# Problem Statement 01 - DJANGO REST FRAMEWORK + AngularJS

## \*Note

I have built it with the AngularJS framework and All the above functionalities are not refreshing a page.

1) The home page (url - <http://localhost:4200/Products> ) should display a table with a list of products. The attributes to display would be Product Name, Price & Quantity



2) The table should have inline editing functionality where each row becomes editable after clicking on it.

## 2.1 - Before Editing the Row No 3 is

No	Product Name	Price (in Rupees)	Quantity	Action
1	Refresh Eye Drops	114.5100	3	Edit
2	KLMC 1000 20mg	311.6500	2	Edit
3	Propanol	181.0000	4	Edit
4	Mehanol 60ml	114.2500	11	Edit

# Problem Statement 01 - DJANGO REST FRAMEWORK + AngularJS

## 2.2 - After Clicking on Edit the Row No 3 is

No	Product Name	Price (in Rupees)	Quantity	Action
1	Refresh Eye Drops	114.5100	3	Edit
2	KLMC 1000 20mg	311.6500	2	Edit
3	Propanol	181.0000	4	Submit Cancel
4	Mehanol 60ml	114.2500	11	Edit
5	Rafnol	115.0000	18	Edit

## 2.2 - After Editing the Updated Data for Row No 3 is

This is a Products Details Table

QSearch Here! Search by name Add New Product

No	Product Name	Price (in Rupees)	Quantity	Action
1	Refresh Eye Drops	114.5100	3	Edit
2	KLMC 1000 20mg	311.6500	2	Edit
3	Propanol ID4	147.5000	9	Edit
4	Mehanol 60ml	114.2500	11	Edit
5	Rafnol	115.0000	18	Edit
6	Dico Tablet	72.1500	34	Edit

3) There should be an "add new product" button which should open a popup to accept new product info & should insert at the top of the table.

## 3.1 - If I click on "Add New Product Button" Present on Top Right of Table a Pop up will Open

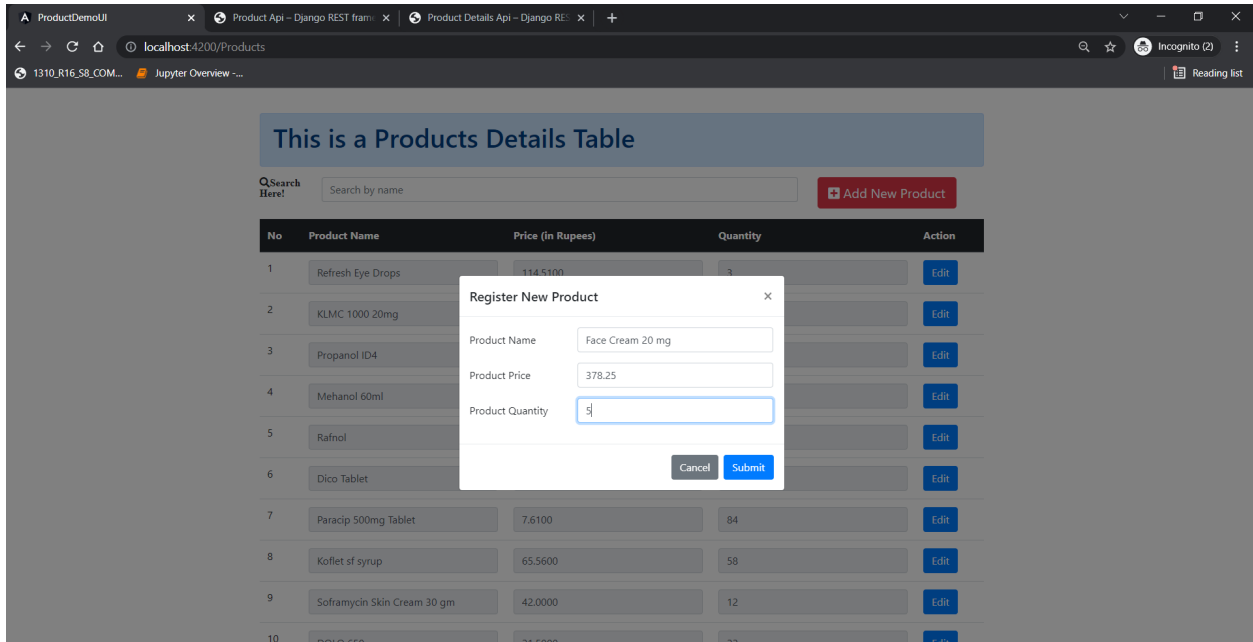
This is a Products Details Table

QSearch Here! Search by name Add New Product

No	Product Name	Price (in Rupees)	Quantity	Action
1	Refresh Eye Drops	114.5100	3	Edit
2	KLMC 1000 20mg	311.6500	2	Edit

# Problem Statement 01 - DJANGO REST FRAMEWORK + AngularJS

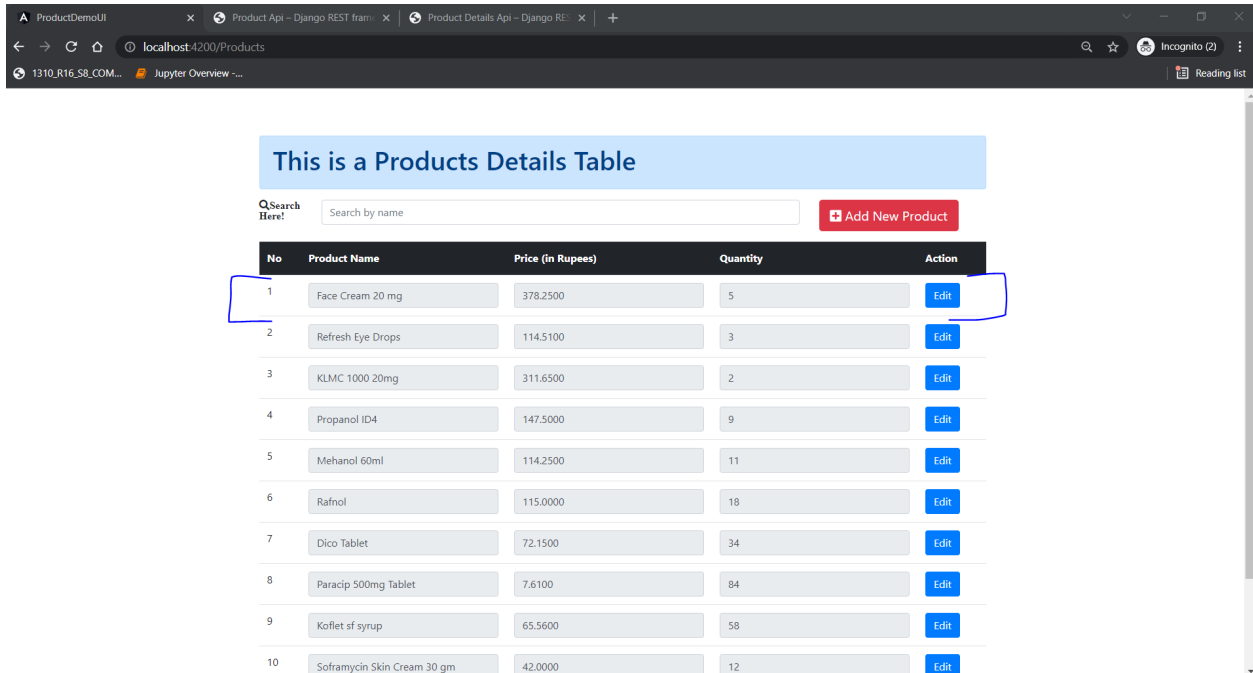
## 3.2 - Adding the New Product Info and Saving it after saving a New Product Info will be inserted at the top of the table



The screenshot shows a web application interface for managing products. At the top, there's a header "This is a Products Details Table". Below it, there's a search bar labeled "Search Here!" and a button "Add New Product". The main content is a table with columns: No, Product Name, Price (in Rupees), Quantity, and Action. A modal window titled "Register New Product" is open, showing input fields for Product Name (Face Cream 20 mg), Product Price (378.25), and Product Quantity (5). The table lists 10 products, including Refresh Eye Drops, KLMC 1000 20mg, Propanol ID4, Mehanol 60ml, Rafinol, Dico Tablet, Paracip 500mg Tablet, Koflet sf syrup, Soframycin Skin Cream 30 gm, and DCLG 650.

No	Product Name	Price (in Rupees)	Quantity	Action
1	Refresh Eye Drops	114.5100	3	Edit
2	KLMC 1000 20mg			Edit
3	Propanol ID4			Edit
4	Mehanol 60ml			Edit
5	Rafinol			Edit
6	Dico Tablet			Edit
7	Paracip 500mg Tablet	7.6100	84	Edit
8	Koflet sf syrup	65.5600	58	Edit
9	Soframycin Skin Cream 30 gm	42.0000	12	Edit
10	DCLG 650	21.5000	32	Edit

## 3.3 - New Product Info inserted at the top of the table

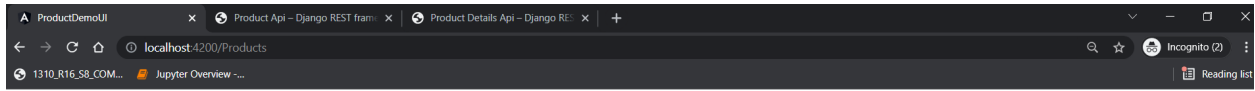


The screenshot shows the same web application interface, but the 'Register New Product' modal is no longer open. The table now shows the new product 'Face Cream 20 mg' at the top, with a price of 378.2500 and a quantity of 5. The other products remain in the same order as before. The 'Edit' button for the new product is highlighted with a red box.

No	Product Name	Price (in Rupees)	Quantity	Action
1	Face Cream 20 mg	378.2500	5	Edit
2	Refresh Eye Drops	114.5100	3	Edit
3	KLMC 1000 20mg	311.6500	2	Edit
4	Propanol ID4	147.5000	9	Edit
5	Mehanol 60ml	114.2500	11	Edit
6	Rafinol	115.0000	18	Edit
7	Dico Tablet	72.1500	34	Edit
8	Paracip 500mg Tablet	7.6100	84	Edit
9	Koflet sf syrup	65.5600	58	Edit
10	Soframycin Skin Cream 30 gm	42.0000	12	Edit

## Problem Statement 01 - DJANGO REST FRAMEWORK + AngularJS

4) There should be a search box to search & filter products. Search should happen on the product name.



This is a Products Details Table

Search Here!  Add New Product

No	Product Name	Price (in Rupees)	Quantity	Action
1	KLMC 1000 20mg	311.6500	2	<button>Edit</button>

**\*Note -**

**All the above functionalities are not refreshing a page.**

**I have used the Django REST API Framework for Backend APIs**

**1) API saves new additions & updates of products.**

**2) API to return search results based on the query.**