User Manual Document

Nest-Pharma

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1 Introduction

1.1 Purpose

Nest-Dash is the state of the art software application that is designed to show up the business process of the available stocks in each pharmacy. It also shows up the sales rate in effective manner to the admin end and work process of the available stocks at a glance. It also has a capability to show up all costs for each drug.

1.2 Document Conventions

Software on the server side requires a 2.8 GHz processor (or faster). 500 GB of total storage capacity is needed. use the Pexip Infinity operating system. and the 6.5, 6.7, and 7.0 VMware ESXi hypervisors.

1.3 Intended Audience and Reading Suggestions

We used the Laravel framework, one of the most sophisticated PHP frameworks, in this programme. We used Postgresql for a portion of the database. Additionally, we have implemented default seeders, which allow admin end users and roles to be categorised using permissions and responsibilities. We enabled the model for every master data entry, which will facilitate effective data maintenance.

1.4 Project Scope

This software makes it possible to increase corporate ethics in an efficient method. This would streamline a lot of raw data from everything into a categorised manner, increasing the scope for business ethics.

1.5 References

BIP Camps (Student Information Portal)

Sinha, S., 2017. Model, View, Controller Workflow. In Beginning Laravel (pp. 59-61). Apress, Berkeley, CA.

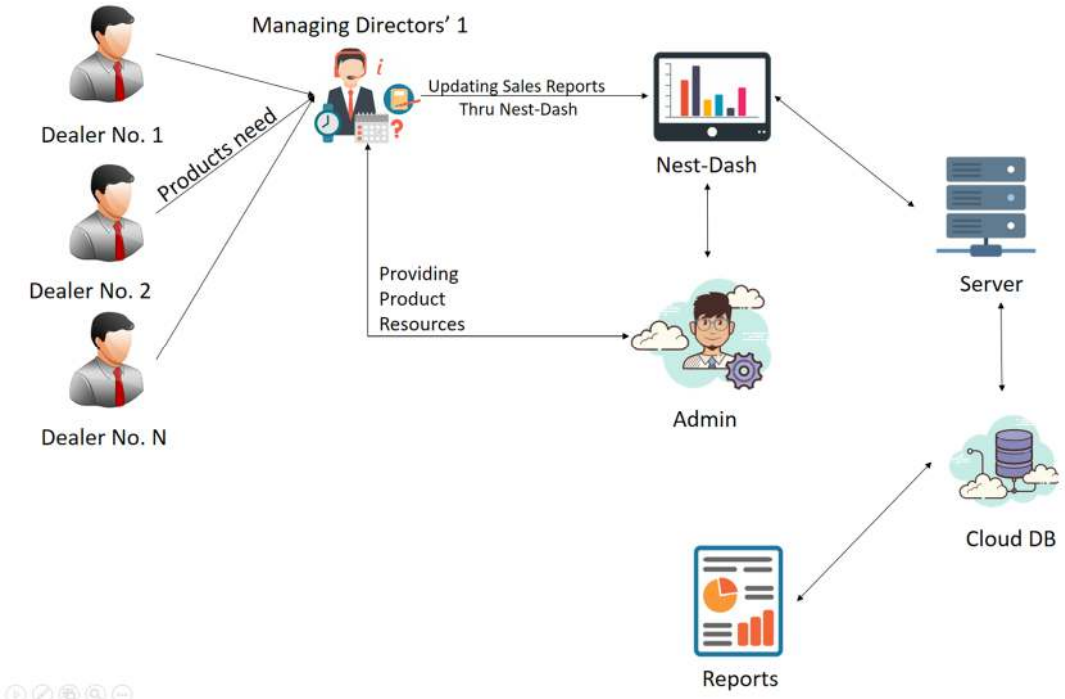
1.6 Acronyms and Abbreviations

BIP - BIT Information Portal

2 Overall Description

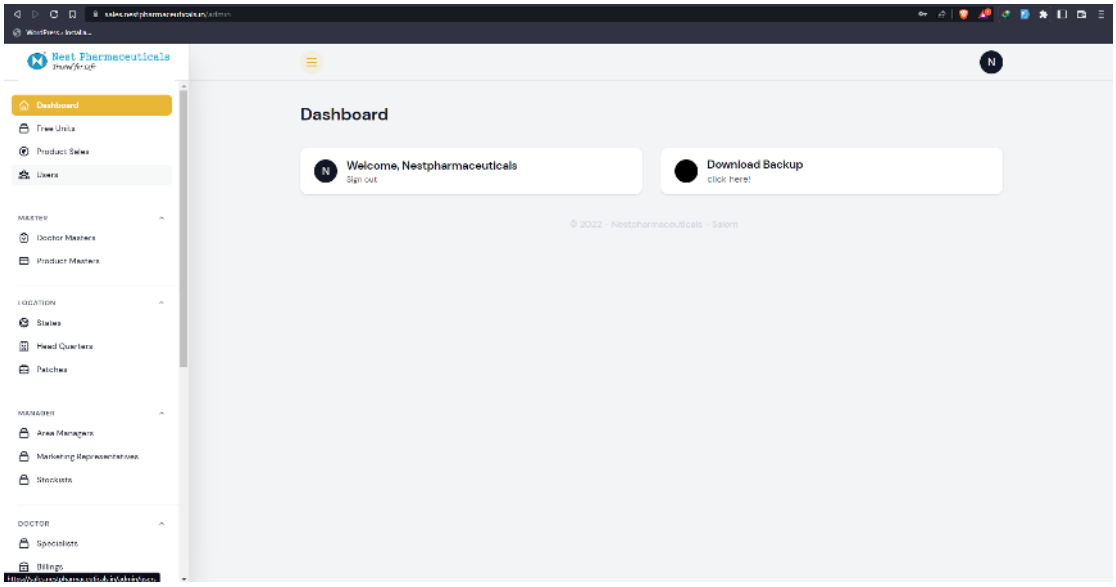
2.1 Product Perspective

This programme is entirely based on the duties of an administrator running a drug distribution business. This will be effective in providing a count of all medicinal medications, a list of involved dealers, and a sales report. Additionally, it is a self-contained product. Engage in the administrator feature of this product, which replaces Excel work.



2.2 Product Features

2.2.1 Dashboard Panel

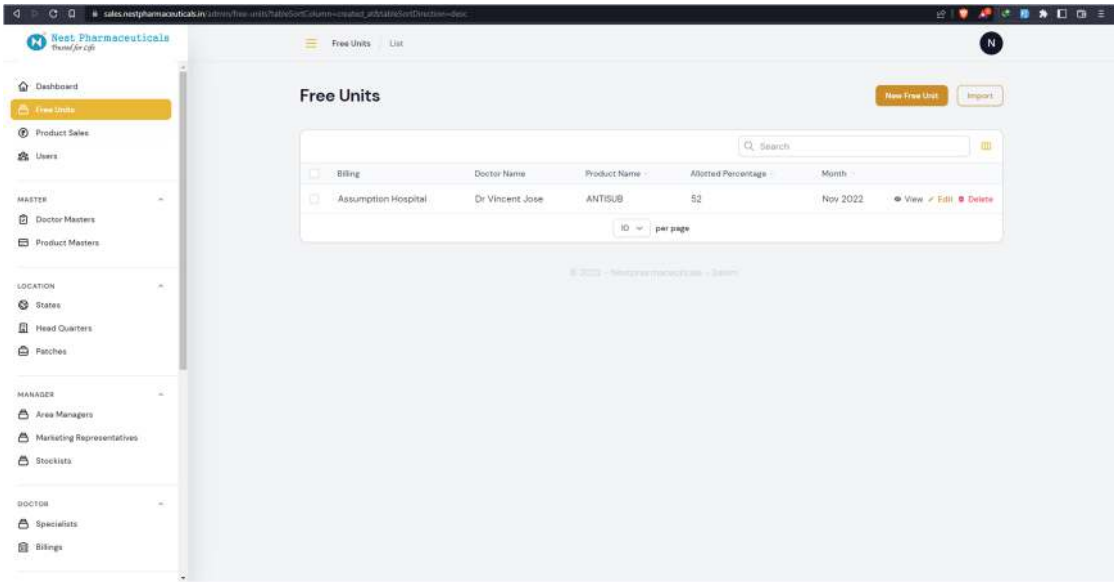


The first widget displays the user's name who signed in for this. Additionally, a "sign out" button will be located adjacent for simple signout.

The second widget, "Download Backup, click here," is displayed. The most recent data from the entire database in ".sql" format will be downloaded.

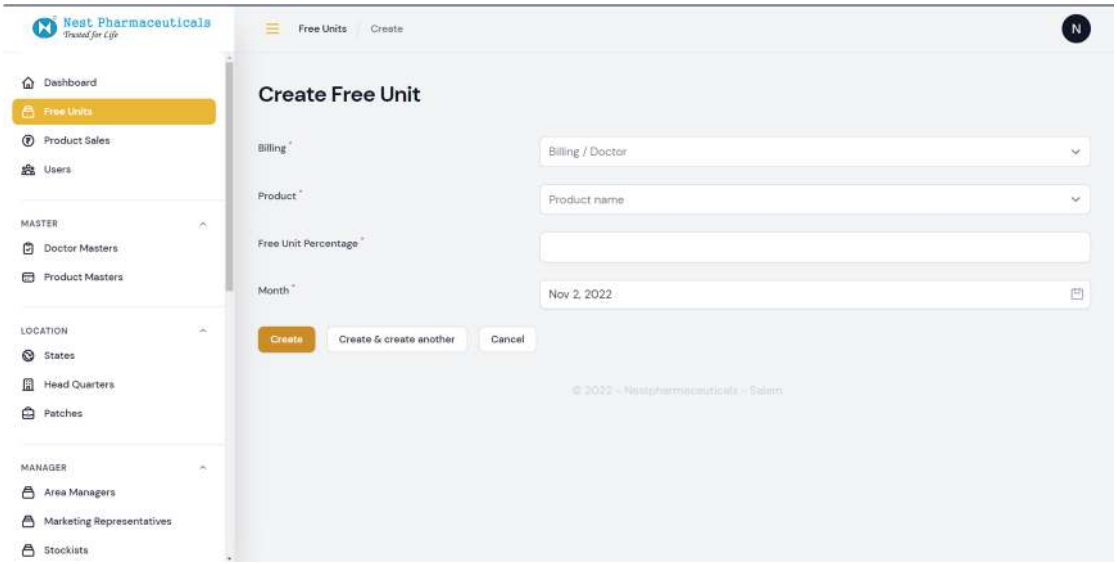
2.2.2 Free Units

2.2.2.1 List Free Unit



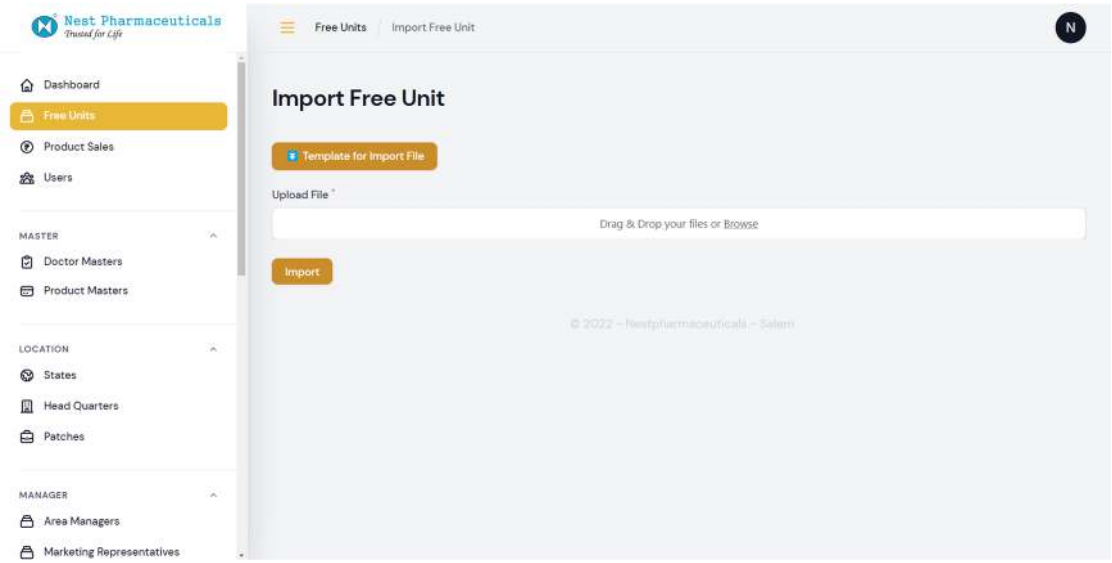
This panel indicates the free units allocated to a specific Doctor, along with the product name, billing name, and percentage allotted.

2.2.2.2 Create Free Unit

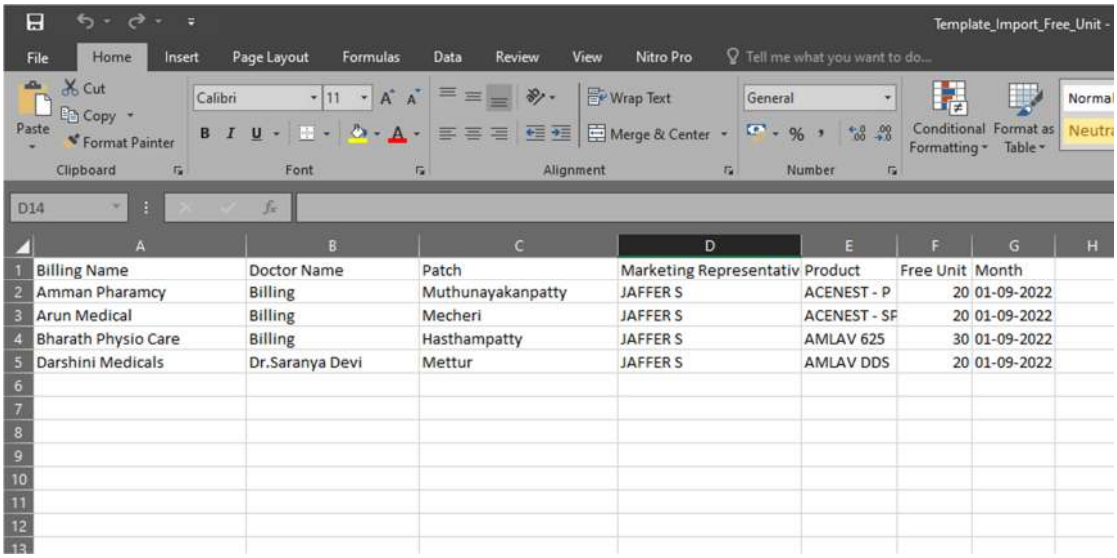


Once the information for the necessary field is filled in. The free percentage given to the specific doctor with the product will be created when the "Create" button is pressed. To represent the number of free units delivered to the specific doctor, visit https://dashboard.nestpharmaceuticals.in/.

2.2.2.2 Import Free Unit



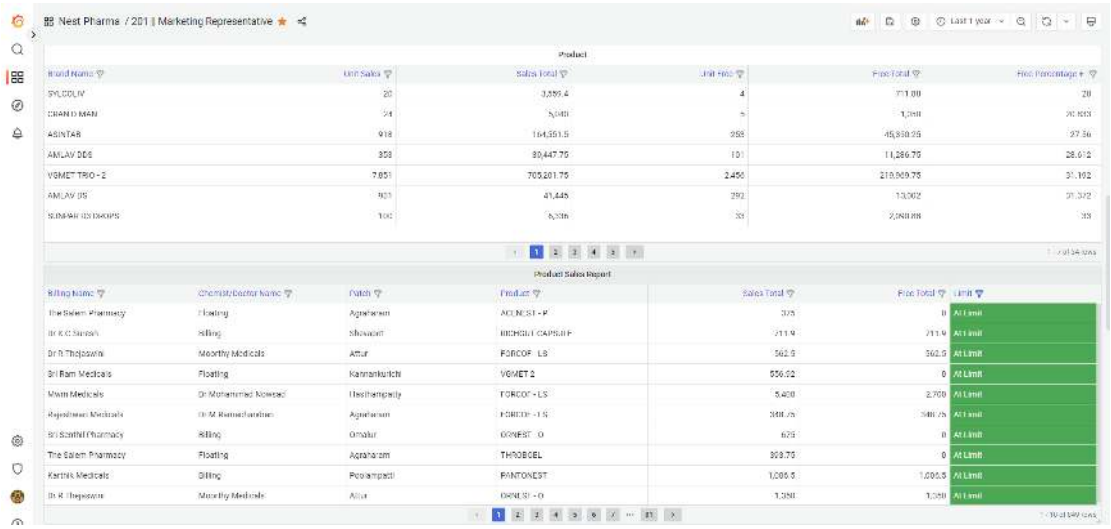
The import format for the free unit will be downloaded when you click the "Template for Import File" button.



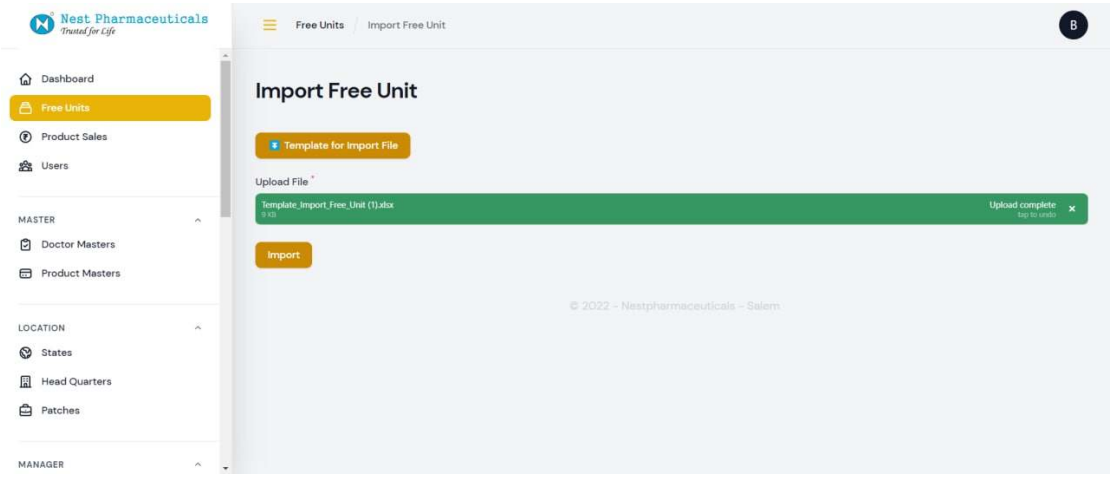
	A	B	C	D	E	F	G	H
1	Billing Name	Doctor Name	Patch	Marketing Representativ	Product	Free Unit	Month	
2	Amman Pharamcy	Billing	Muthunayakanpatty	JAFFER S	ACENEST - P	20	01-09-2022	
3	Arun Medical	Billing	Mecheri	JAFFER S	ACENEST - SF	20	01-09-2022	
4	Bharath Physio Care	Billing	Hasthampatty	JAFFER S	AMLAV 625	30	01-09-2022	
5	Darshini Medicals	Dr.Saranya Devi	Mettur	JAFFER S	AMLAV DDS	20	01-09-2022	
6								
7								
8								
9								
10								
11								
12								
13								

✓ Make sure the given data of all constraints are accurate. Confirm with the maximum Free Unit % with Month. The free percentage given to the specific doctor with the product will be created.

✓ To represent the number of free units delivered to the specific doctor categorized into At Limit and Exceed visit https://dashboard.nestpharmaceuticals.in/.

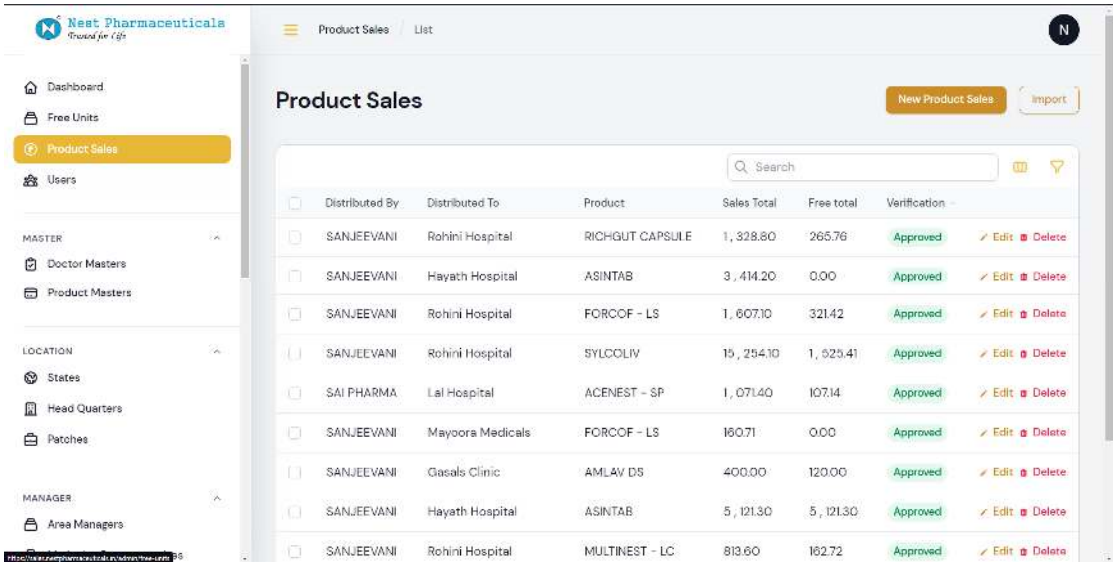


✓ Then complete the import format according to the template provided. The data can be uploaded and click "Import".



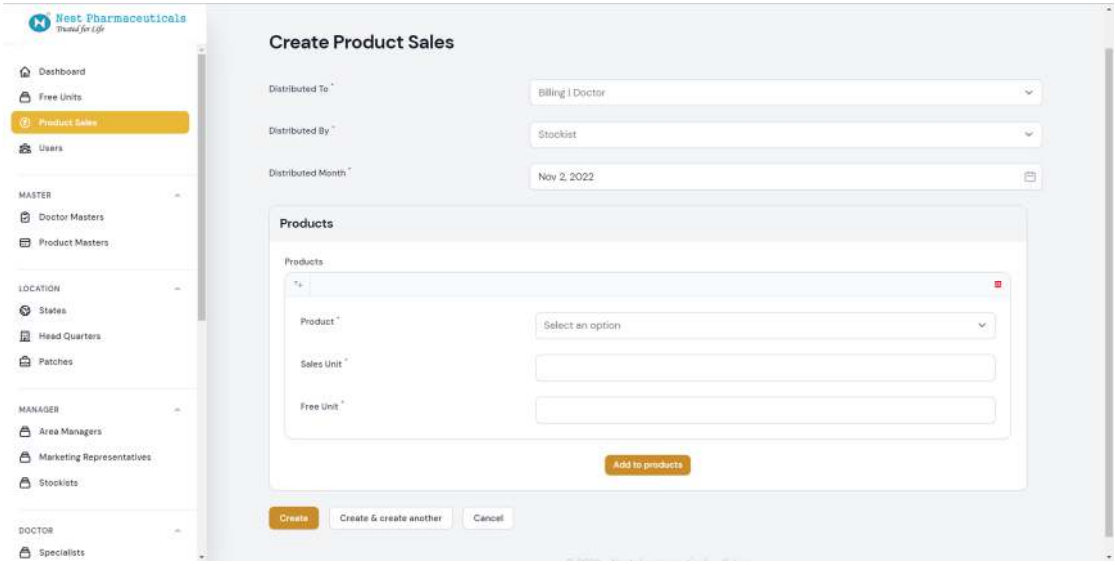
2.2.3 Product Sales

2.2.3.1 List Product Sales



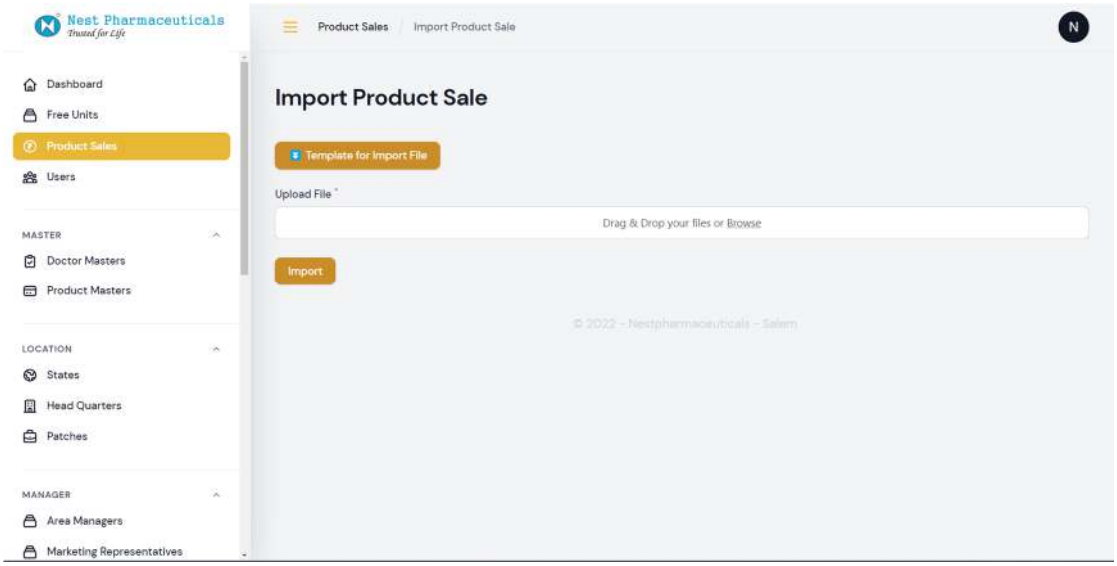
This panel indicates the Product Sales along with Distributed By, Distributed To, Product, Sales Total, Free total will be Displayed.

2.2.3.2 Create Product Sales



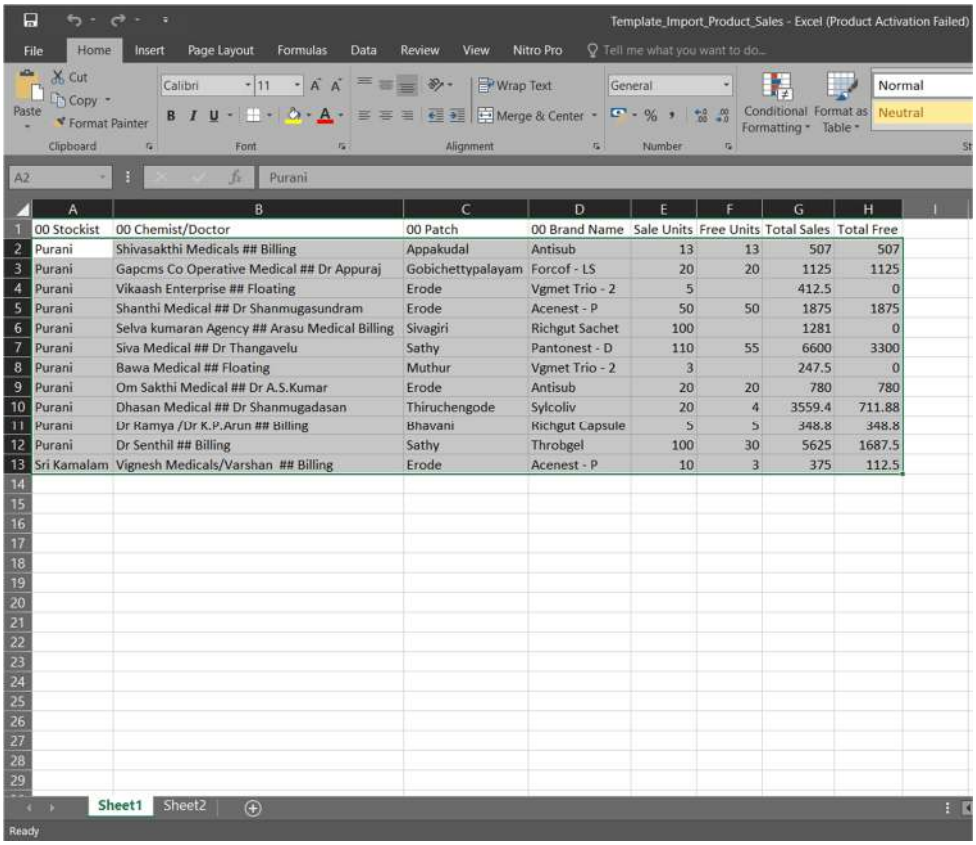
Once the information for the necessary field is filled in. The Product Sales will be created when the "Create" button is pressed. To represent the number of free units delivered to the specific doctor, visit https://dashboard.nestpharmaceuticals.in/.

2.2.3.3 Import Product Sales



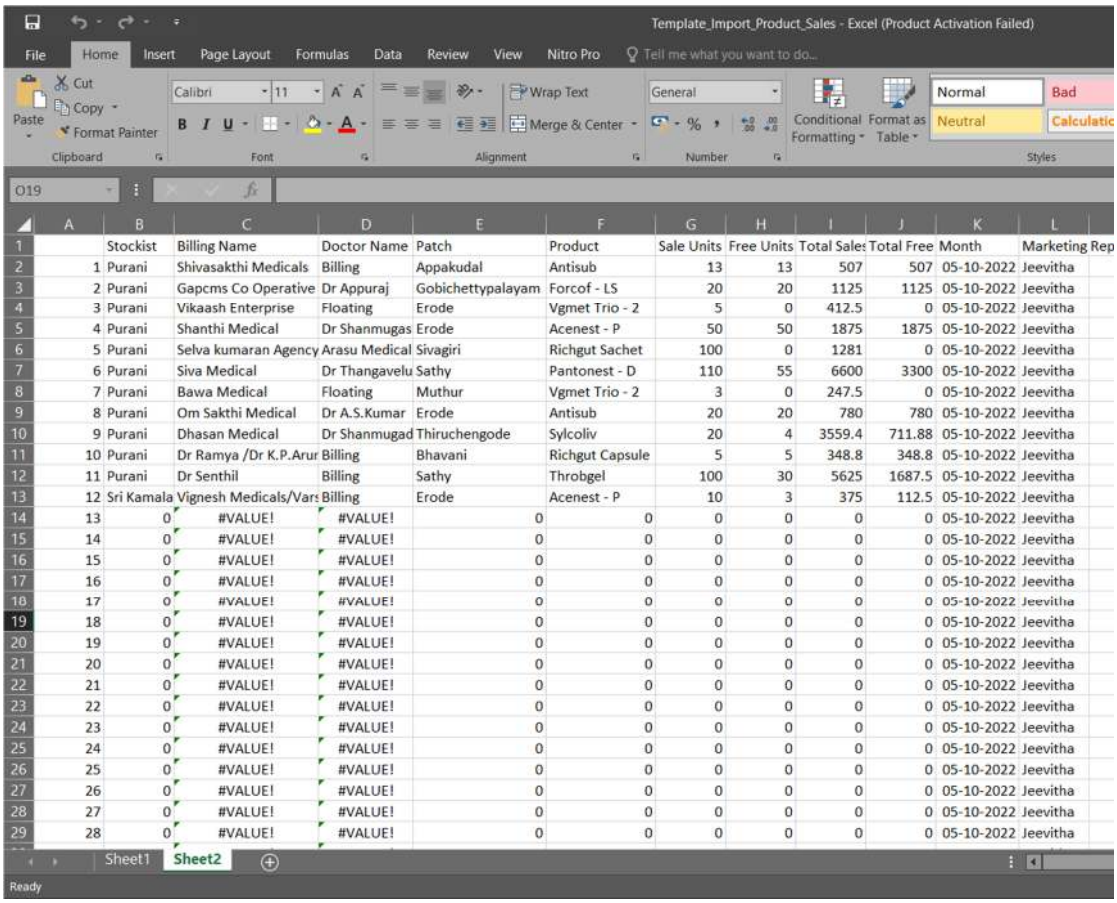
The import format for the free unit will be downloaded when you click the "Template for Import File" button.

1. Open Product Sales Template
2. Paste your Excel data in the “Sheet 1”.



	A	B	C	D	E	F	G	H
1	00 Stockist	00 Chemist/Doctor	00 Patch	00 Brand Name	Sale Units	Free Units	Total Sales	Total Free
2	Purani	Shivasakthi Medicals ## Billing	Appakudal	Antisub	13	13	507	507
3	Purani	Gapcms Co Operative Medical ## Dr Appuraj	Gobichettypalayam	Forcof - LS	20	20	1125	1125
4	Purani	Vikaash Enterprise ## Floating	Erode	Vgmet Trio - 2	5		412.5	0
5	Purani	Shanthi Medical ## Dr Shanmugasundram	Erode	Acenest - P	50	50	1875	1875
6	Purani	Selva kumaran Agency ## Arasu Medical Billing	Sivagiri	Richgut Sachet	100		1281	0
7	Purani	Siva Medical ## Dr Thangavelu	Sathy	Pantonest - D	110	55	6600	3300
8	Purani	Bawa Medical ## Floating	Muthur	Vgmet Trio - 2	3		247.5	0
9	Purani	Om Sakthi Medical ## Dr A.S.Kumar	Erode	Antisub	20	20	780	780
10	Purani	Dhasan Medical ## Dr Shanmugadasan	Thiruchengode	Sylcoliv	20	4	3559.4	711.88
11	Purani	Dr Ramya /Dr K.P.Arun ## Billing	Bhavani	Richgut Capsule	5	5	348.8	348.8
12	Purani	Dr Senthil ## Billing	Sathy	Throbgel	100	30	5625	1687.5
13	Sri Kamalam	Vignesh Medicals/Varshan ## Billing	Erode	Acenest - P	10	3	375	112.5

3. The reframed data classify and format it to “Sheet 2”.

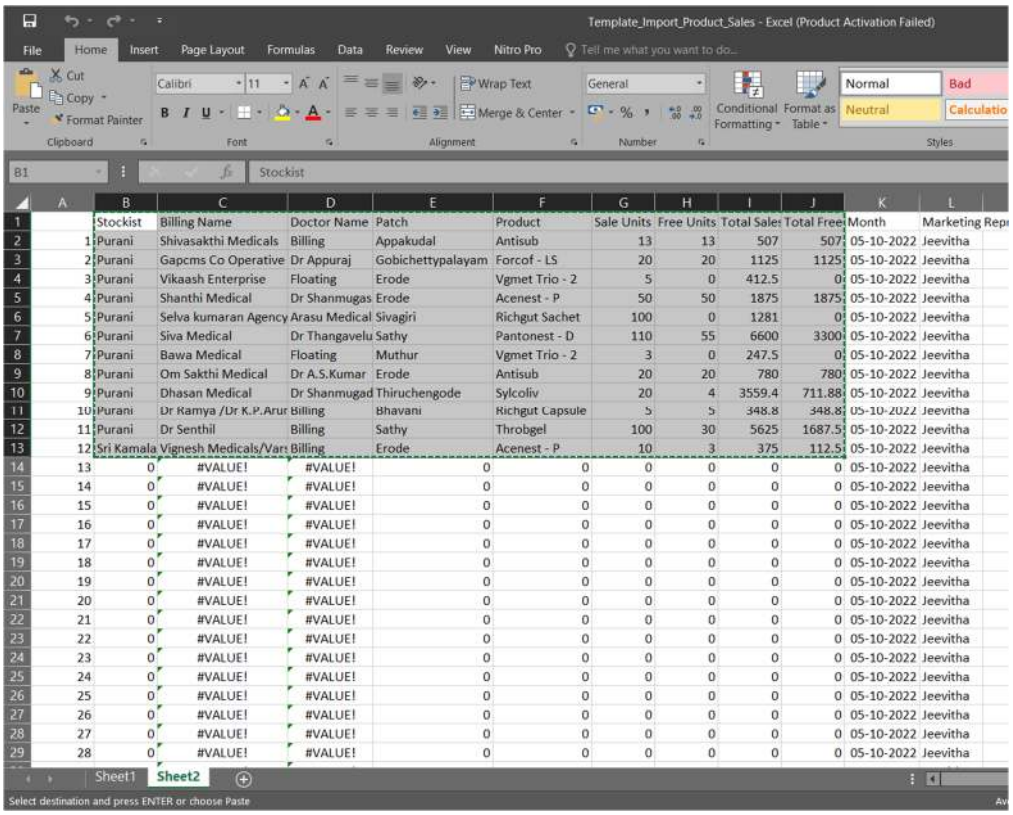


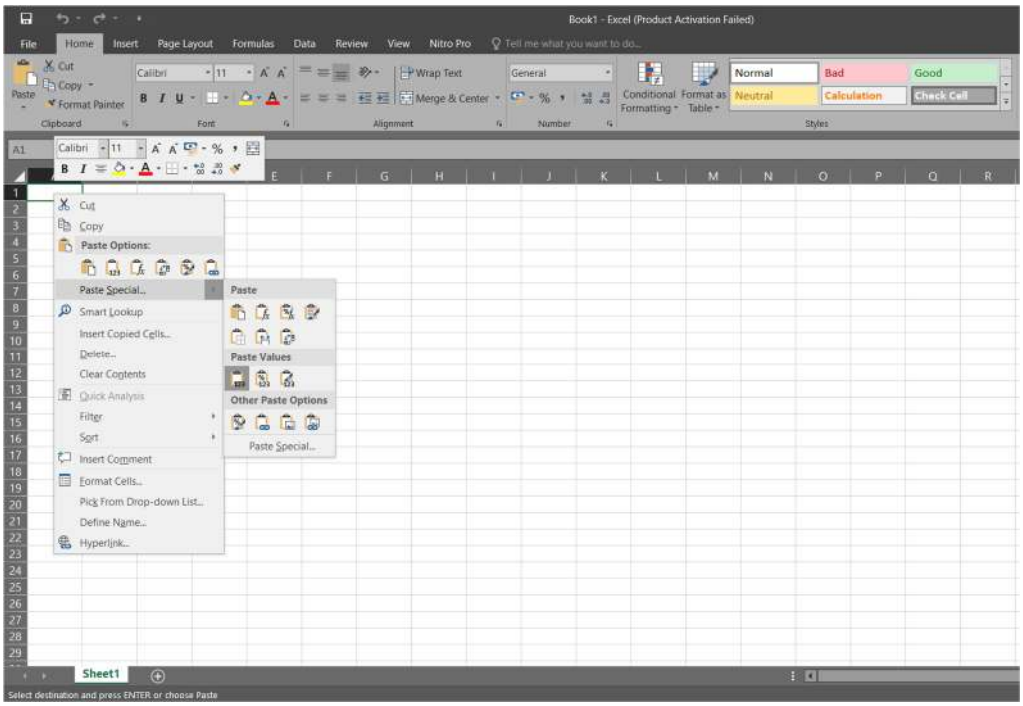
Template_Import_Product_Sales - Excel (Product Activation Failed)

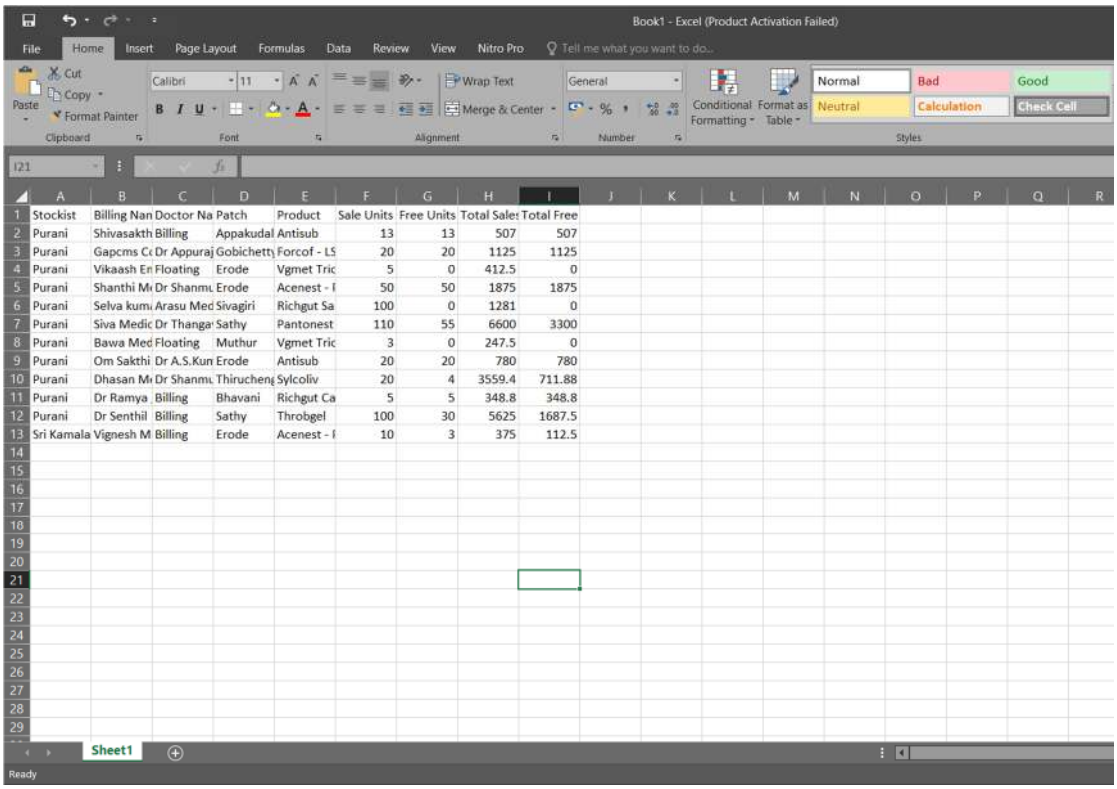
	A	B	C	D	E	F	G	H	I	J	K	L
1		Stockist	Billing Name	Doctor Name	Patch	Product	Sale Units	Free Units	Total Sales	Total Free	Month	Marketing Rep
2	1	Purani	Shivasakthi Medicals	Billing	Appakudal	Antisub	13	13	507	507	05-10-2022	Jeevitha
3	2	Purani	Gapcms Co Operative	Dr Appuraj	Gobichettypalayam	Forcof - LS	20	20	1125	1125	05-10-2022	Jeevitha
4	3	Purani	Vikaash Enterprise	Floating	Erode	Vgmet Trio - 2	5	0	412.5	0	05-10-2022	Jeevitha
5	4	Purani	Shanthi Medical	Dr Shanmugas	Erode	Acenest - P	50	50	1875	1875	05-10-2022	Jeevitha
6	5	Purani	Selva kumaran Agency	Arasu Medical	Sivagiri	Richgut Sachet	100	0	1281	0	05-10-2022	Jeevitha
7	6	Purani	Siva Medical	Dr Thangavelu	Sathy	Pantonest - D	110	55	6600	3300	05-10-2022	Jeevitha
8	7	Purani	Bawa Medical	Floating	Muthur	Vgmet Trio - 2	3	0	247.5	0	05-10-2022	Jeevitha
9	8	Purani	Om Sakthi Medical	Dr A.S.Kumar	Erode	Antisub	20	20	780	780	05-10-2022	Jeevitha
10	9	Purani	Dhasan Medical	Dr Shanmugad	Thiruchengode	Sylcoliv	20	4	3559.4	711.88	05-10-2022	Jeevitha
11	10	Purani	Dr Ramya /Dr K.P.Arur	Billing	Bhavani	Richgut Capsule	5	5	348.8	348.8	05-10-2022	Jeevitha
12	11	Purani	Dr Senthil	Billing	Sathy	Throbgel	100	30	5625	1687.5	05-10-2022	Jeevitha
13	12	Sri Kamala	Vignesh Medicals/Vars	Billing	Erode	Acenest - P	10	3	375	112.5	05-10-2022	Jeevitha
14	13	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
15	14	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
16	15	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
17	16	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
18	17	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
19	18	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
20	19	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
21	20	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
22	21	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
23	22	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
24	23	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
25	24	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
26	25	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
27	26	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
28	27	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha
29	28	0	#VALUE!	#VALUE!	0	0	0	0	0	0	05-10-2022	Jeevitha

(Note: Please don’t consider “#VALUE!”, it’s an excel formula)

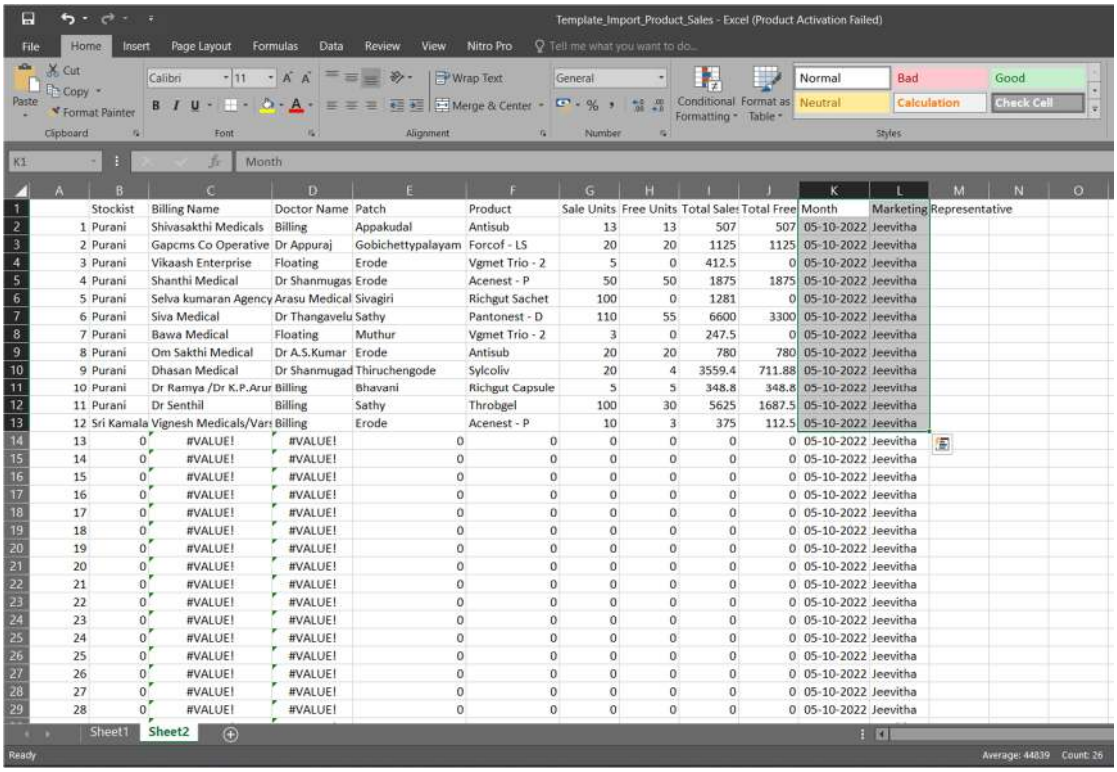
4. Then just copy Reframed data (Stockist Column – Total Free Cloumn) to New Excel and Paste “Special as values”.

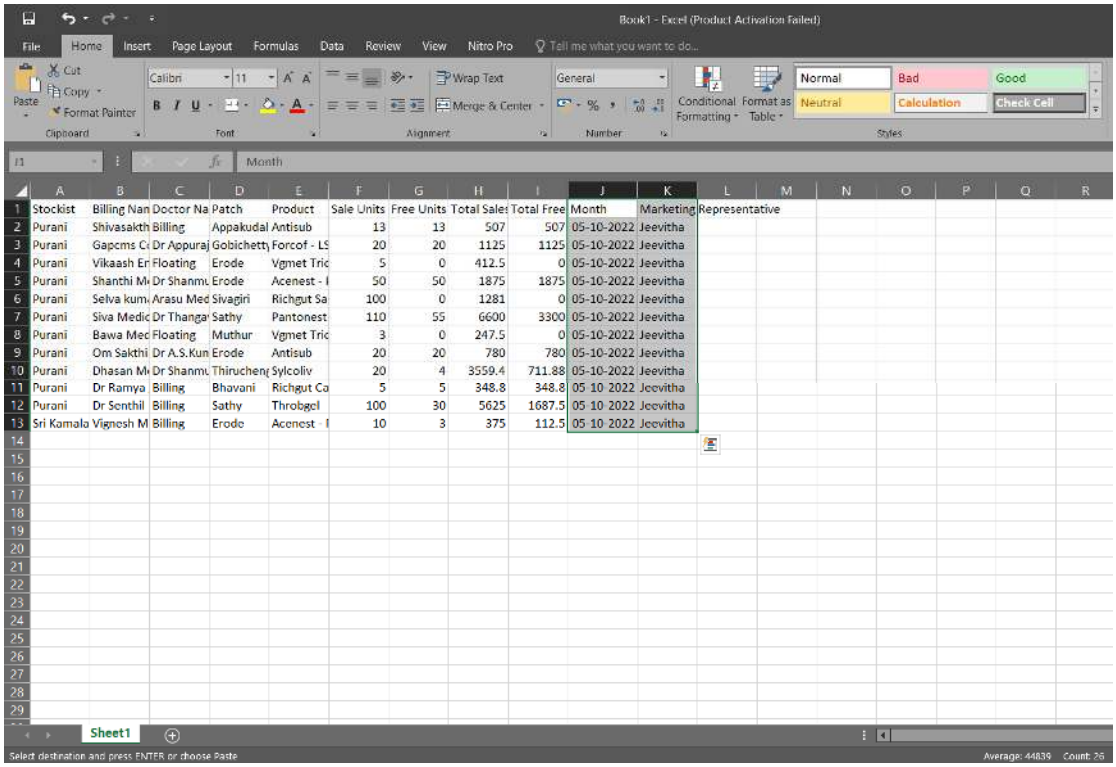




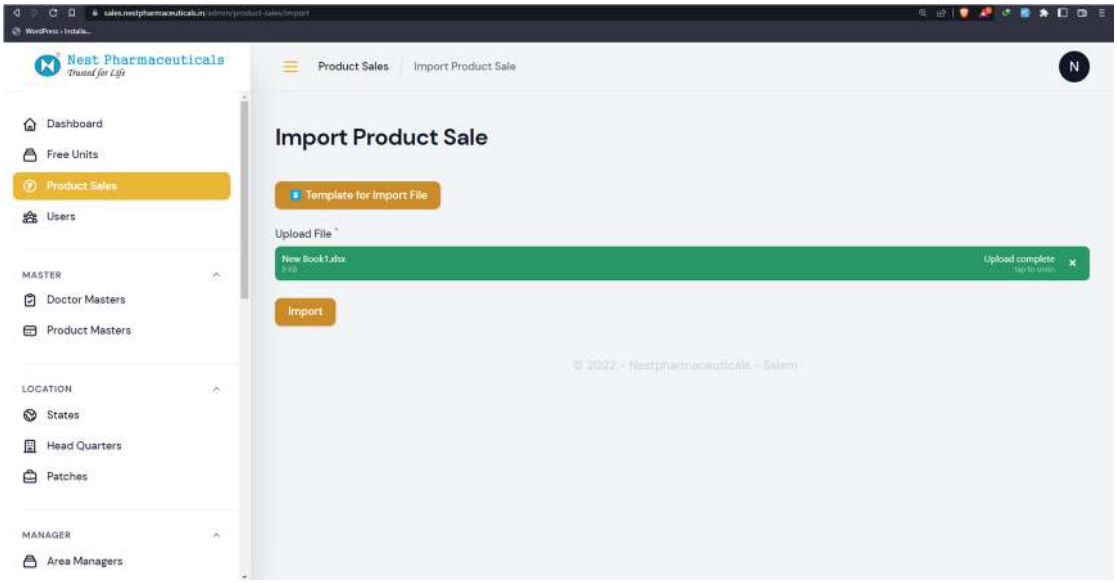


5. Then Copy the remaining reframed data (Month – Marketing Representative) to the New Excel. And Paste without Paste Special.

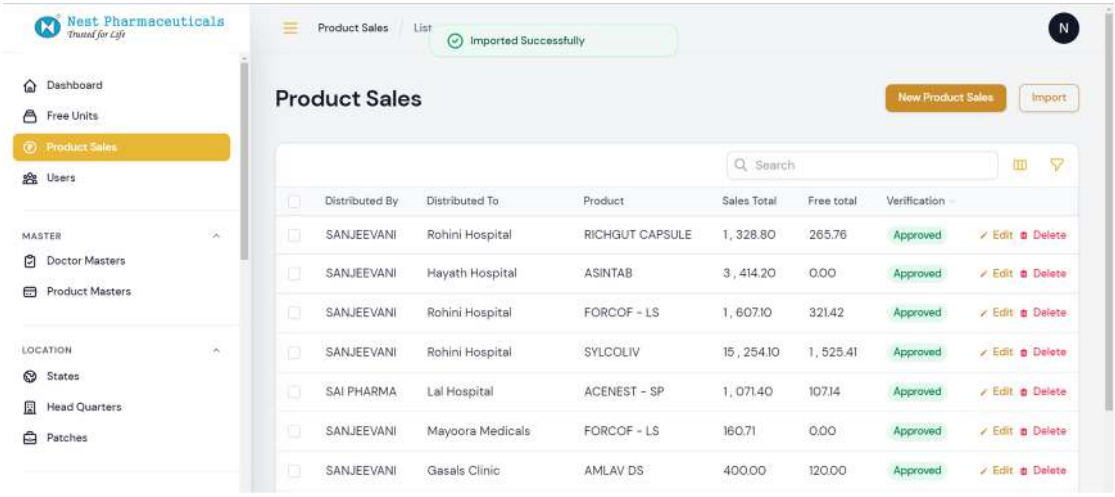




6. Save the Excel and Upload to the Product Sales import.

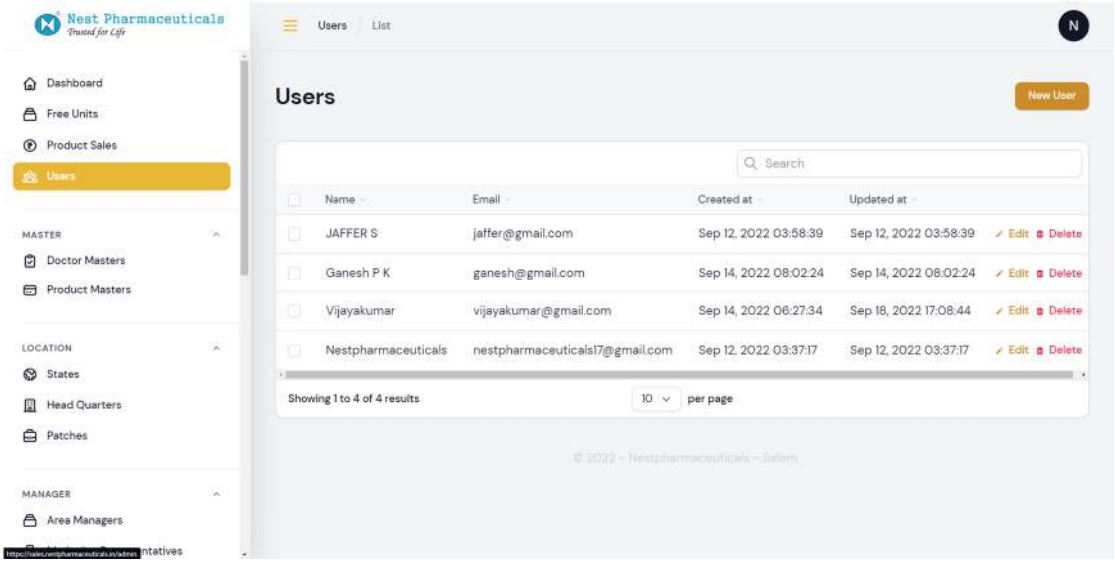


7. Click “import” button. It response with “Imported Successfully” message.



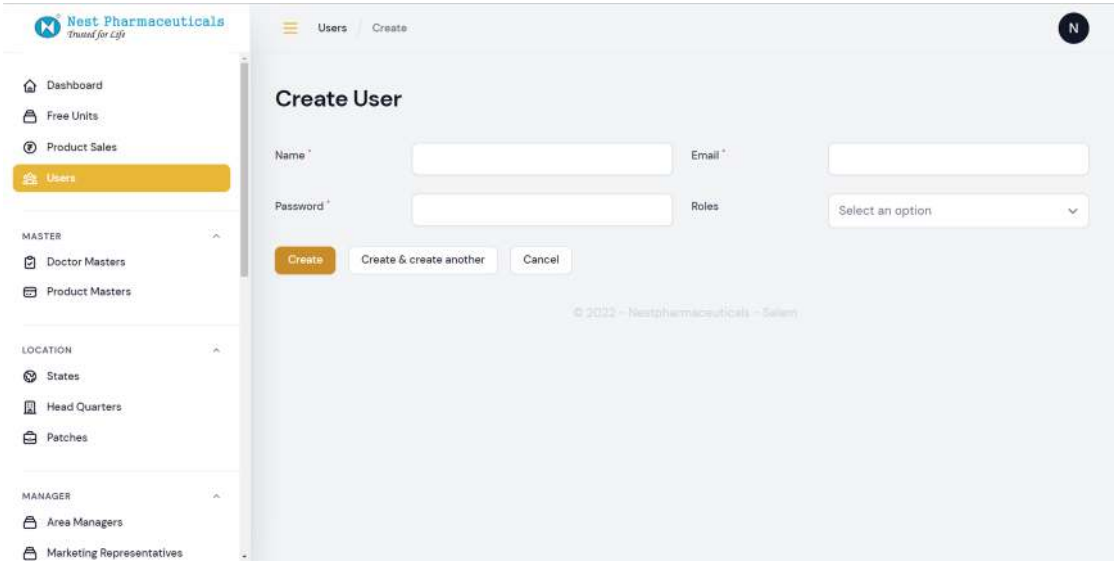
2.2.4 User Panel

2.2.4.1 List User



This panel indicates the Users Name with email address will be listed.

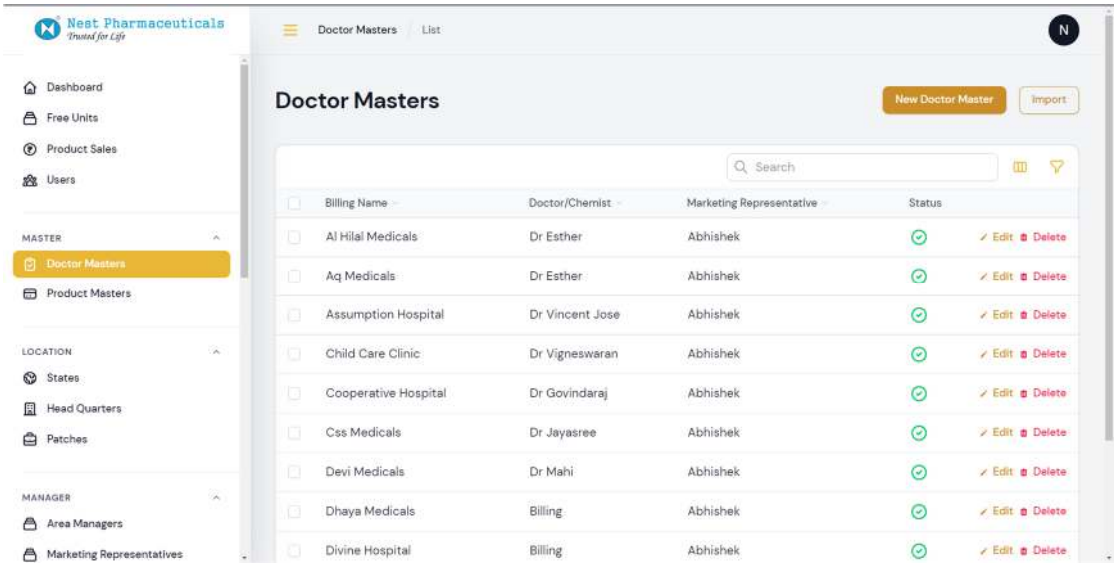
2.2.4.1 New User



Once the information for the necessary field is filled in. The User name given to the specific Role with the mail address will be created when the "Create" button is pressed.

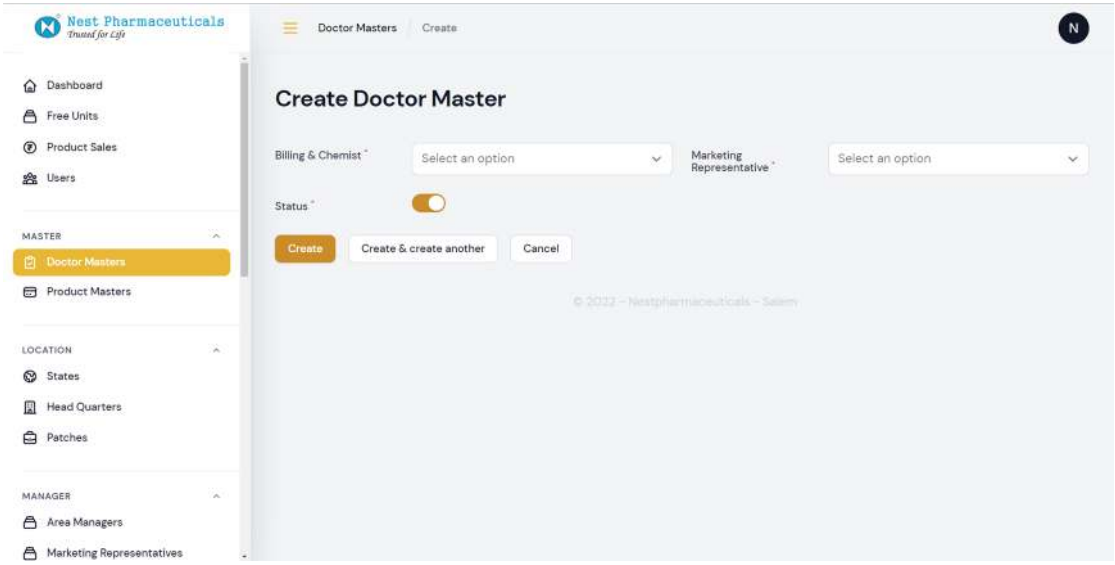
2.2.5 Doctor Master

2.2.5.1 List Doctor Master



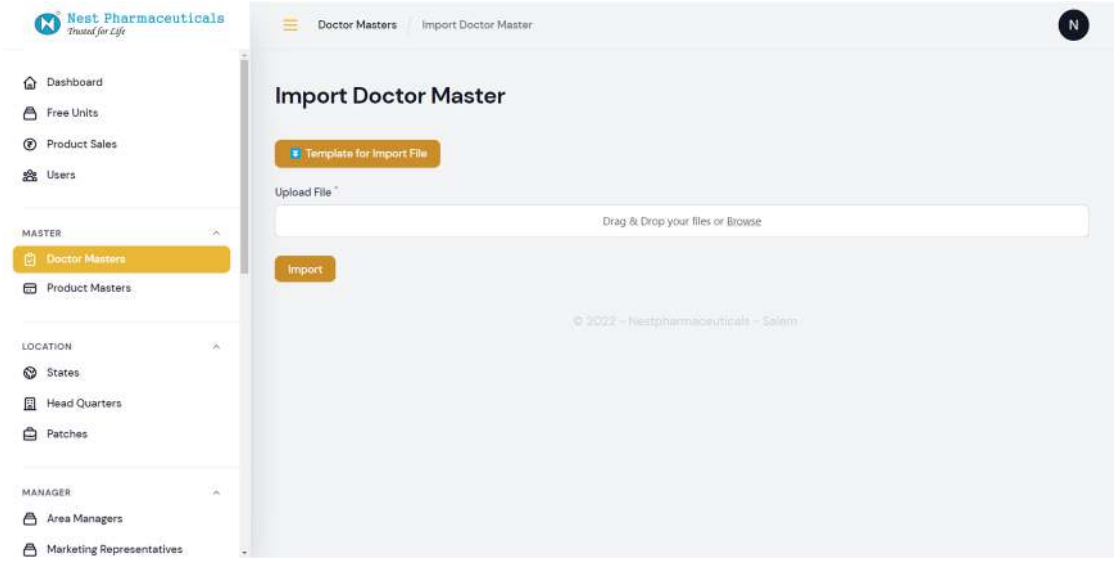
This panel indicates the Doctor Master along with Billing Name, Doctor/Chemist Name and Marketing Representative Name will be displayed.

2.2.5.2 Create Doctor Master



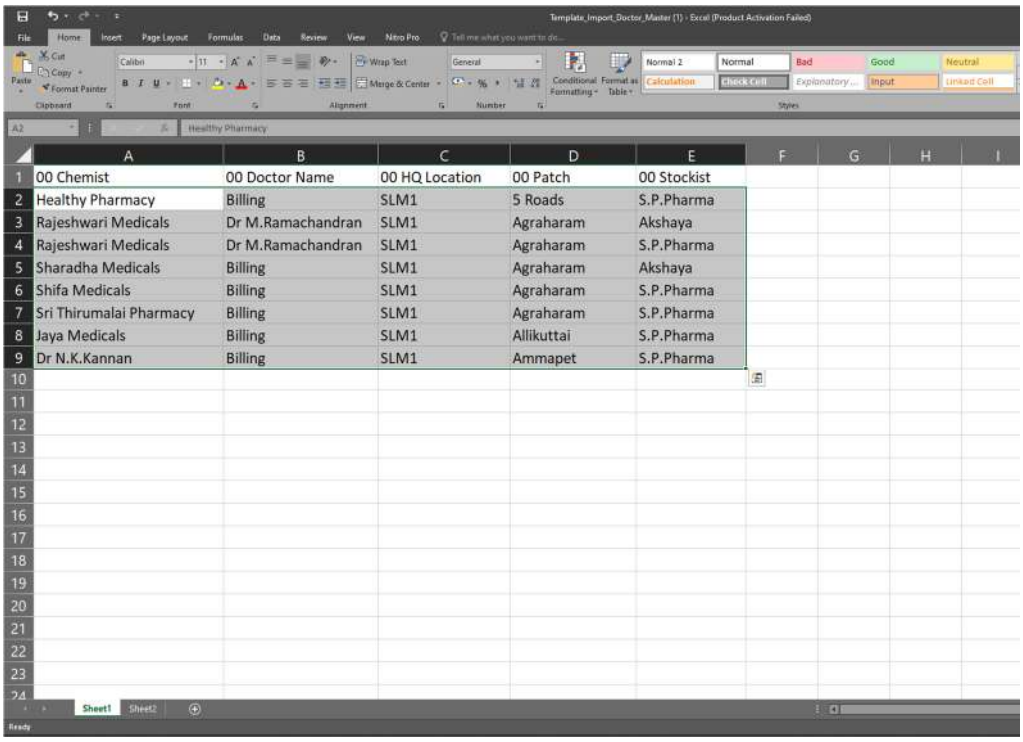
Once the information for the necessary field is filled in. The Doctor Master will be created when the "Create" button is pressed.

2.2.5.3 Import Doctor Master



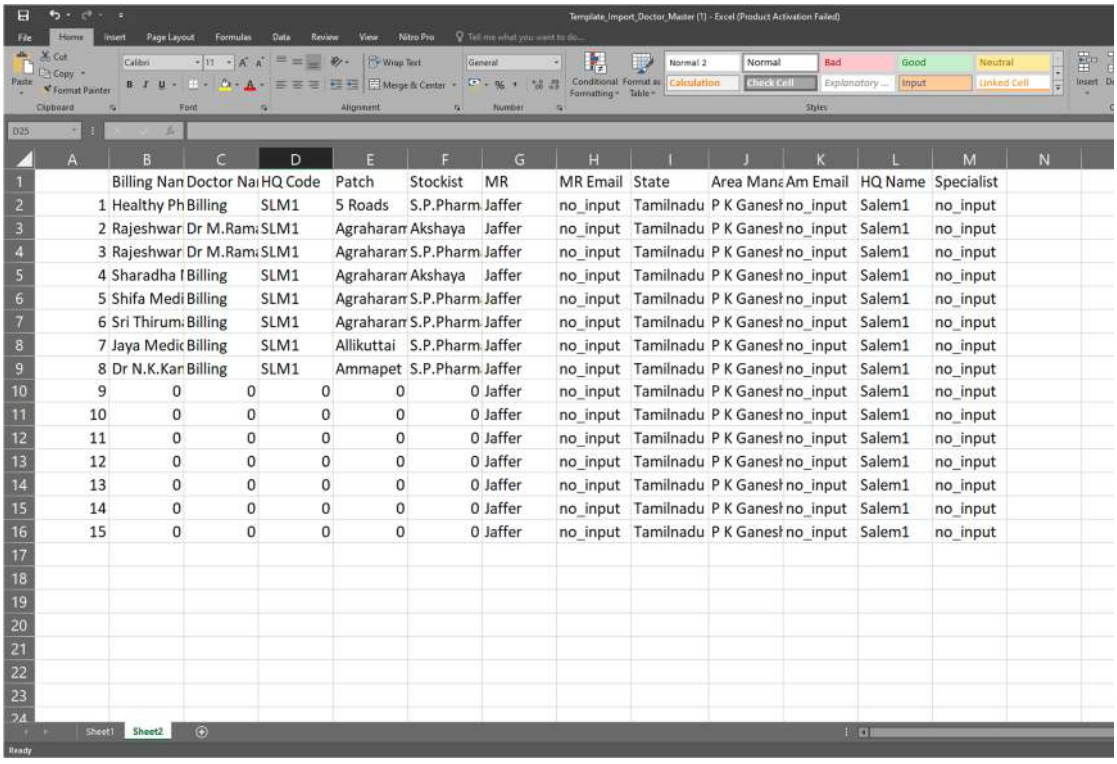
The import format for the free unit will be downloaded when you click the "Template for Import File" button.

1. Open Product Sales Template
2. Paste your Excel data in the “Sheet 1”.



	A	B	C	D	E
1	00 Chemist	00 Doctor Name	00 HQ Location	00 Patch	00 Stockist
2	Healthy Pharmacy	Billing	SLM1	5 Roads	S.P.Pharma
3	Rajeshwari Medicals	Dr M.Ramachandran	SLM1	Agraharam	Akshaya
4	Rajeshwari Medicals	Dr M.Ramachandran	SLM1	Agraharam	S.P.Pharma
5	Sharadha Medicals	Billing	SLM1	Agraharam	Akshaya
6	Shifa Medicals	Billing	SLM1	Agraharam	S.P.Pharma
7	Sri Thirumalai Pharmacy	Billing	SLM1	Agraharam	S.P.Pharma
8	Jaya Medicals	Billing	SLM1	Allikuttai	S.P.Pharma
9	Dr N.K.Kannan	Billing	SLM1	Ammapet	S.P.Pharma

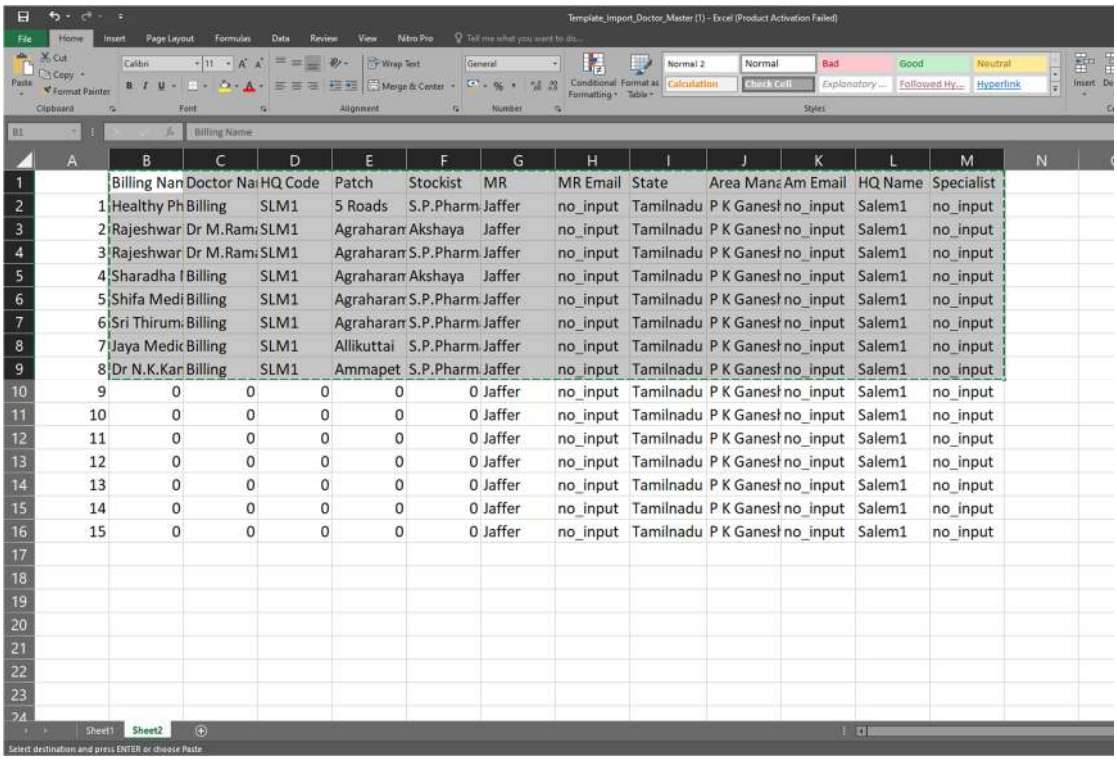
3. The reframed data classify and format it to “Sheet 2”.



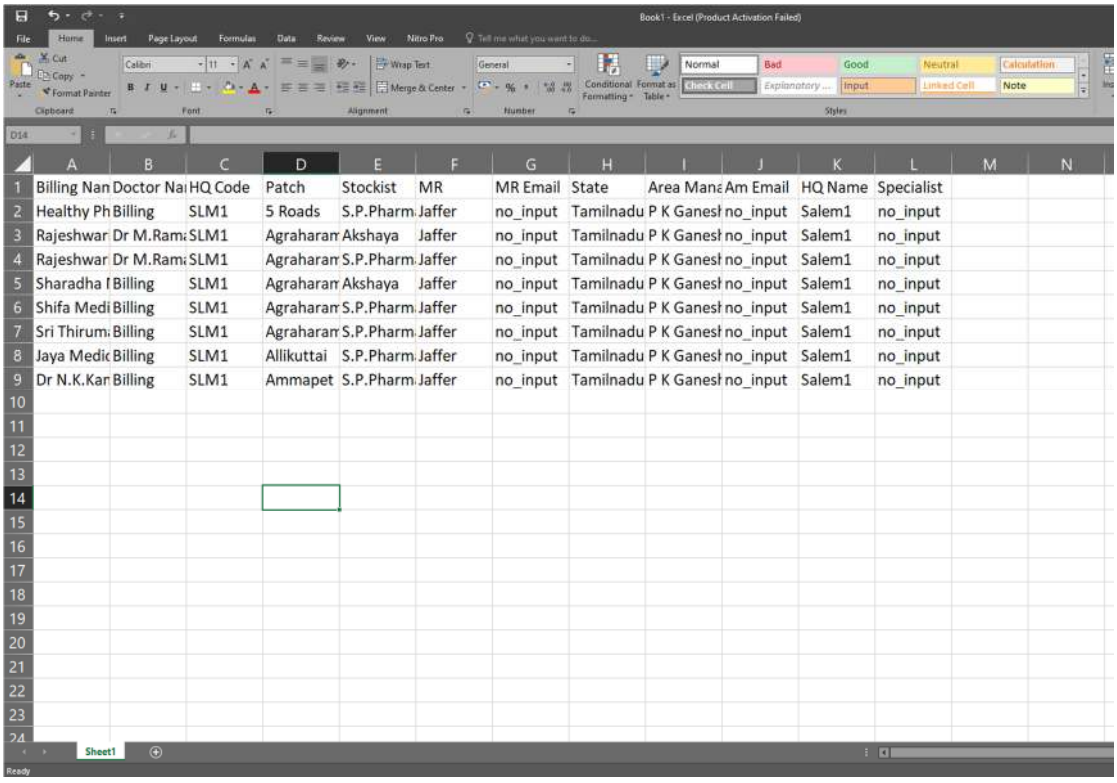
	A	B	C	D	E	F	G	H	I	J	K	L	M
1		Billing Nan	Doctor Nai	HQ Code	Patch	Stockist	MR	MR Email	State	Area Mana	Am Email	HQ Name	Specialist
2	1	Healthy Ph	Billing	SLM1	5 Roads	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
3	2	Rajeshwar	Dr M.Rama	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
4	3	Rajeshwar	Dr M.Rama	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
5	4	Sharadha I	Billing	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
6	5	Shifa Medi	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
7	6	Sri Thirum	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
8	7	Jaya Medic	Billing	SLM1	Allikuttai	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
9	8	Dr N.K.Kan	Billing	SLM1	Ammapet	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
10	9	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
11	10	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
12	11	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
13	12	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
14	13	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
15	14	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
16	15	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input

(Note: Please don’t consider “0” it’s an excel formula)

4. Then just copy Reframed to New Excel and Paste it.

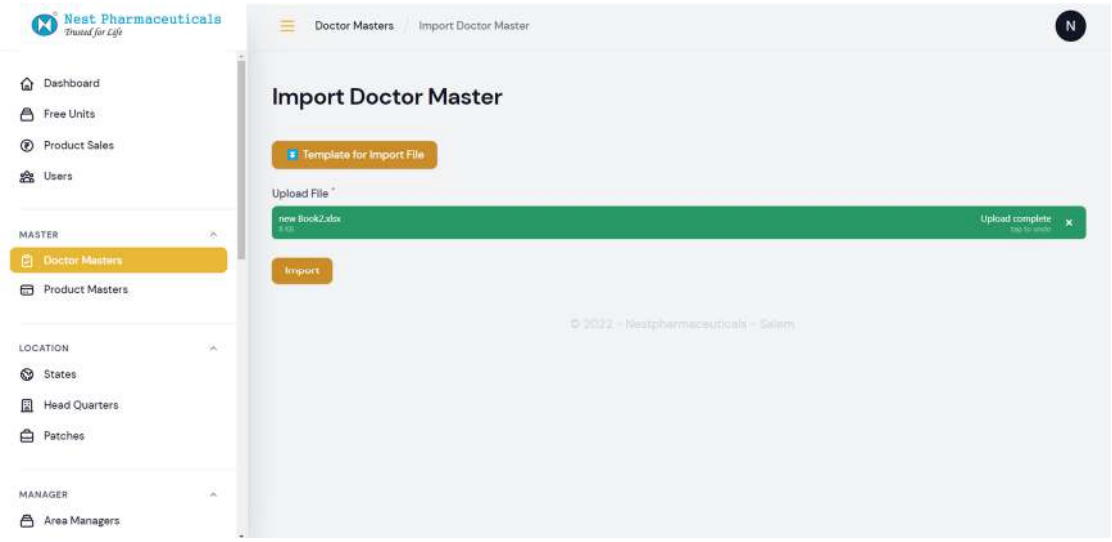


	A	B	C	D	E	F	G	H	I	J	K	L	M
1		Billing Nan	Doctor Nai	HQ Code	Patch	Stockist	MR	MR Email	State	Area Mana	Am Email	HQ Name	Specialist
2	1	Healthy Ph	Billing	SLM1	5 Roads	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
3	2	Rajeshwar	Dr M.Rama	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
4	3	Rajeshwar	Dr M.Rama	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
5	4	Sharadha I	Billing	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
6	5	Shifa Medi	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
7	6	Sri Thirum	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
8	7	Jaya Medic	Billing	SLM1	Allikuttai	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
9	8	Dr N.K.Kar	Billing	SLM1	Ammapet	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
10	9	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
11	10	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
12	11	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
13	12	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
14	13	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
15	14	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input
16	15	0	0	0	0	0	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input

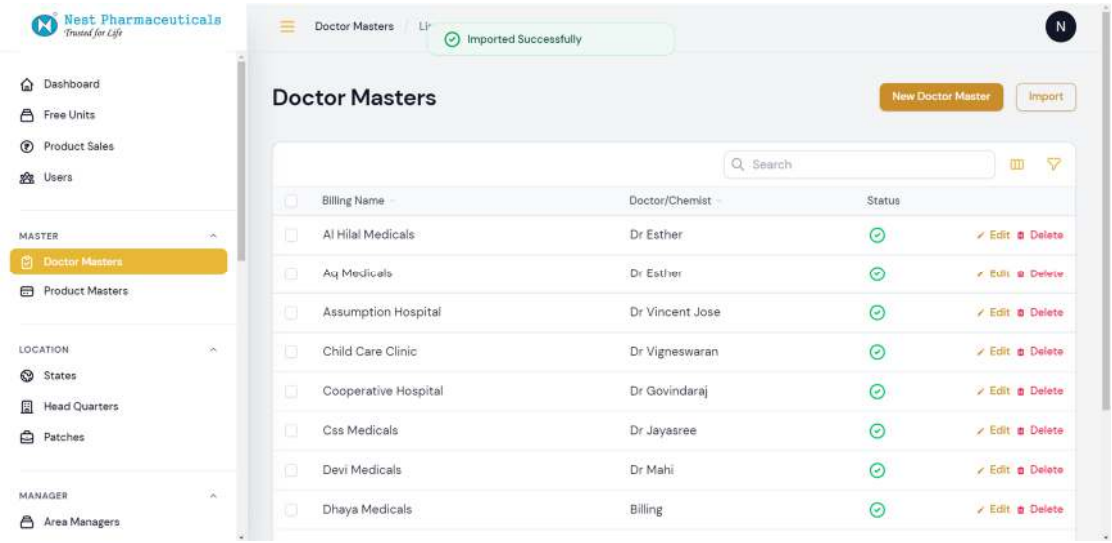


	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Billing Nan	Doctor Nai	HQ Code	Patch	Stockist	MR	MR Email	State	Area Mana	Am Email	HQ Name	Specialist		
2	Healthy Ph	Billing	SLM1	5 Roads	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
3	Rajeshwar	Dr M.Rama	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
4	Rajeshwar	Dr M.Rama	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
5	Sharadha I	Billing	SLM1	Agraharam	Akshaya	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
6	Shifa Medi	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
7	Sri Thirum	Billing	SLM1	Agraharam	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
8	Jaya Medic	Billing	SLM1	Allikuttai	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		
9	Dr N.K.Kar	Billing	SLM1	Ammapet	S.P.Pharm	Jaffer	no_input	Tamilnadu	P K Ganesh	no_input	Salem1	no_input		

5. Save the Excel and Upload to the Product Sales import

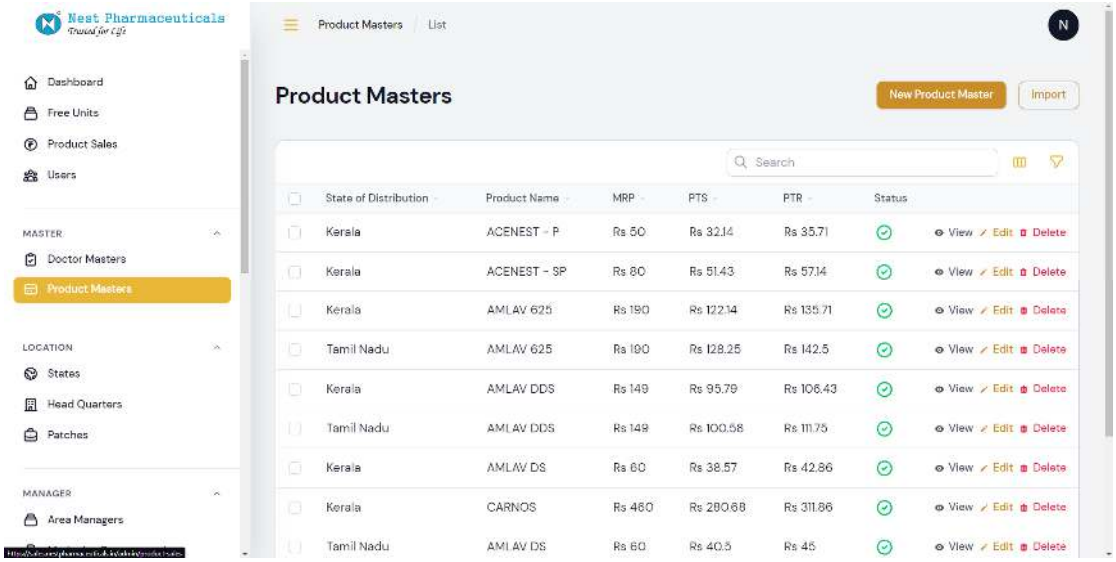


6. Click “import” button. It response with “Imported Successfully” message.



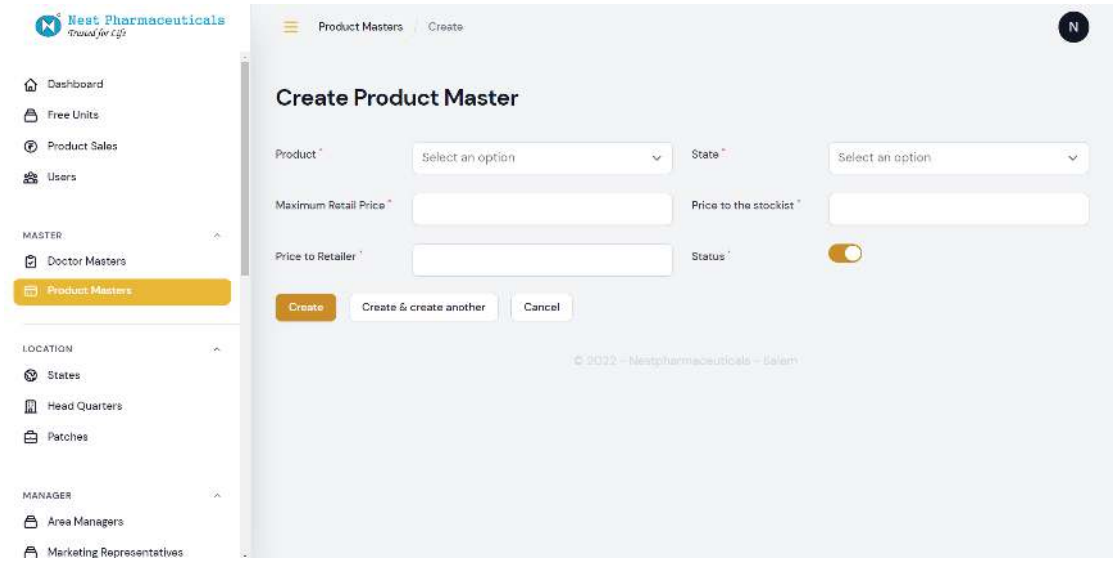
2.2.6 Product Master

2.2.6.1 List Product Master



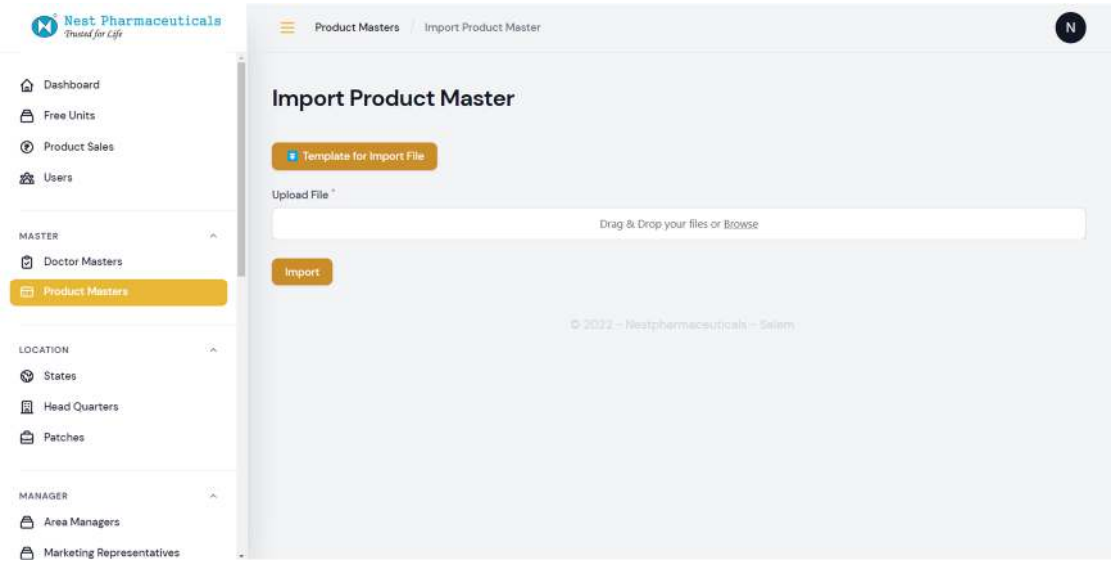
This panel indicates the Product Master along with State of Distribution, Product Name, MRP Value, PTS Value, PTR Value, Status will be displayed.

2.2.6.2 Create Product Master

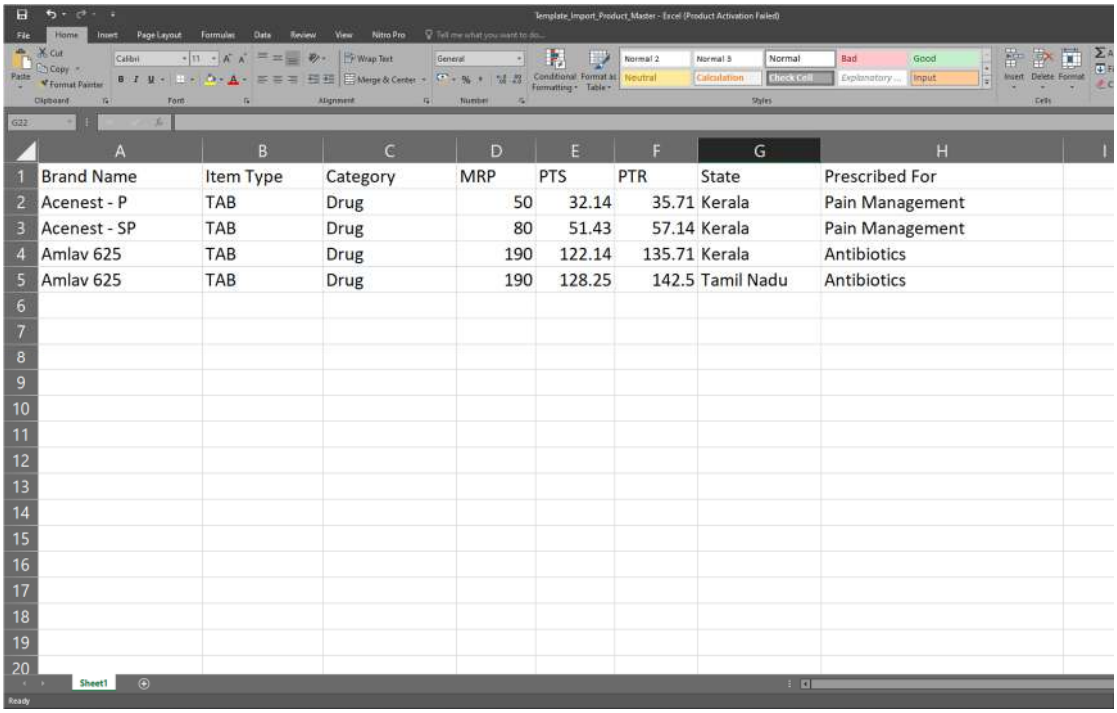


Once the information for the necessary field is filled in. The Product Master will be created when the "Create" button is pressed.

2.2.6.3 Import Product Master



The import format for the free unit will be downloaded when you click the "Template for Import File" button.

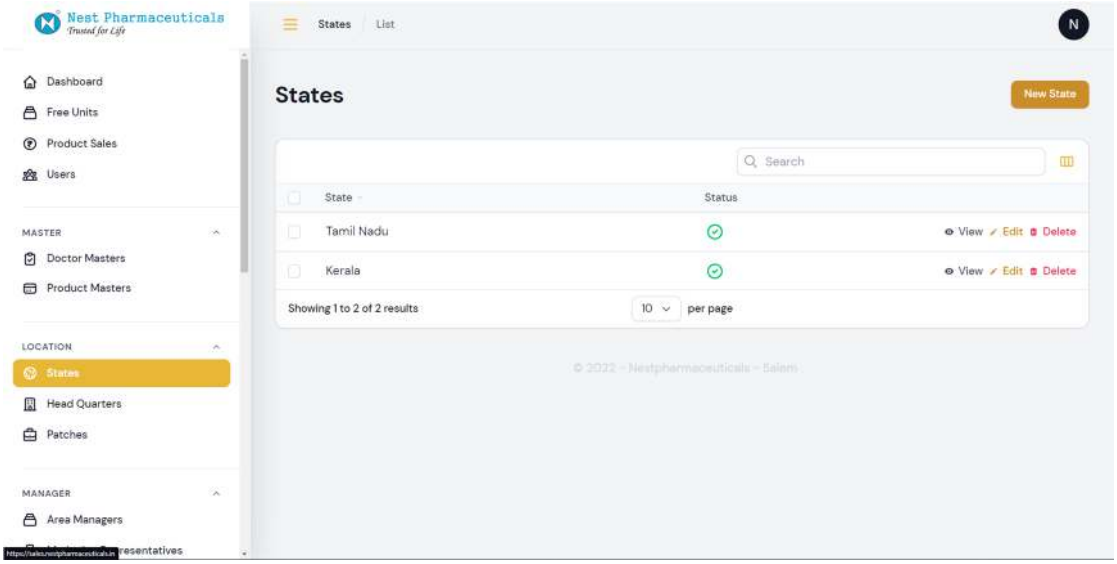


	A	B	C	D	E	F	G	H
1	Brand Name	Item Type	Category	MRP	PTS	PTR	State	Prescribed For
2	Acenest - P	TAB	Drug	50	32.14	35.71	Kerala	Pain Management
3	Acenest - SP	TAB	Drug	80	51.43	57.14	Kerala	Pain Management
4	Amlav 625	TAB	Drug	190	122.14	135.71	Kerala	Antibiotics
5	Amlav 625	TAB	Drug	190	128.25	142.5	Tamil Nadu	Antibiotics

✓ Make sure the given data of all constraints are accurate. Confirm with the Brand Name, MRP, PTS, PTR. Then import the file to “Product Master Import”. The Product will be created.

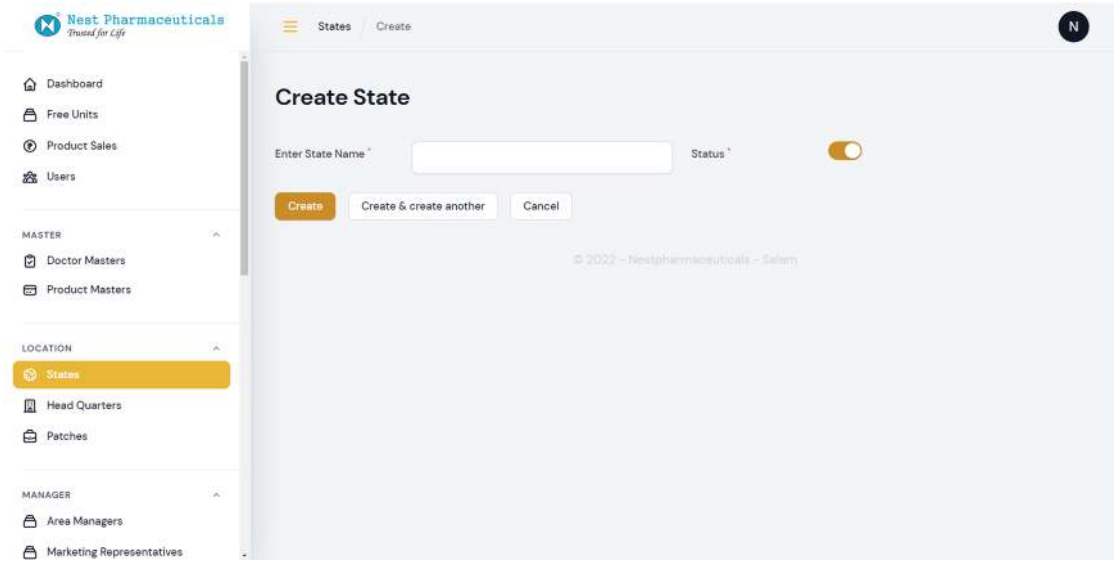
2.2.7 State

2.2.7.1 List State



This panel indicates the States along with State Name, Status will be displayed.

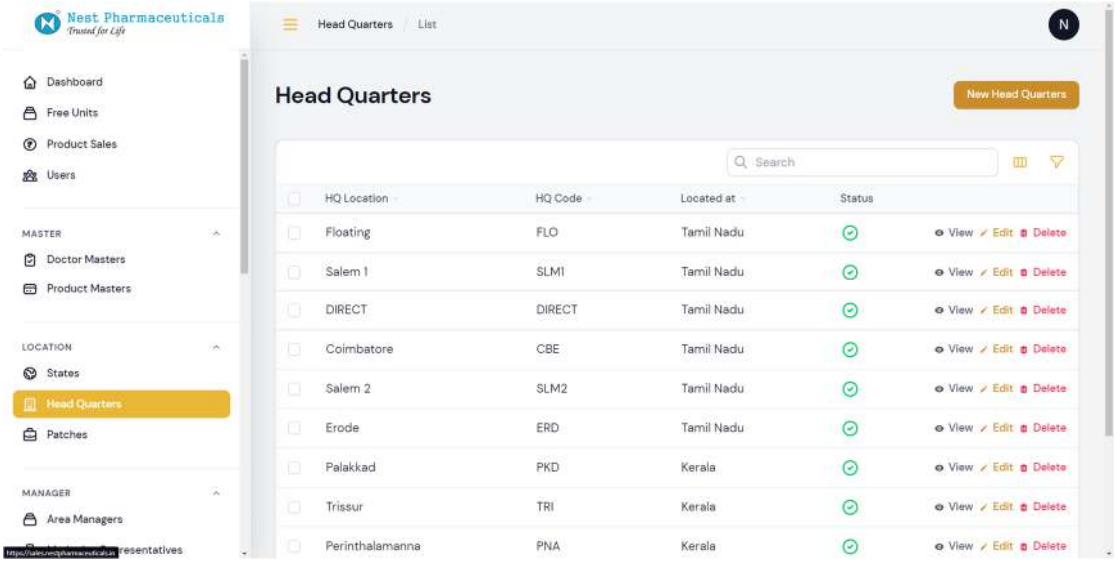
2.2.7.2 Create State



Once the information for the necessary field is filled in. The State will be created when the "Create" button is pressed.

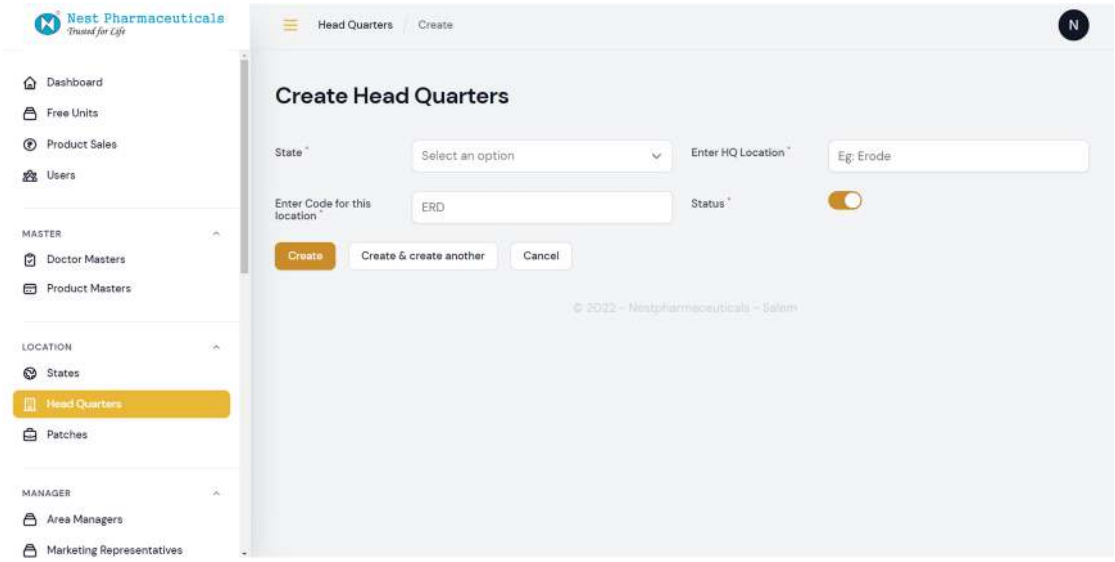
2.2.8 Head Quarters

2.2.8.1 List Head Quarters



This panel indicates the States along with HQ Location, HQ Code, located at, Status will be displayed.

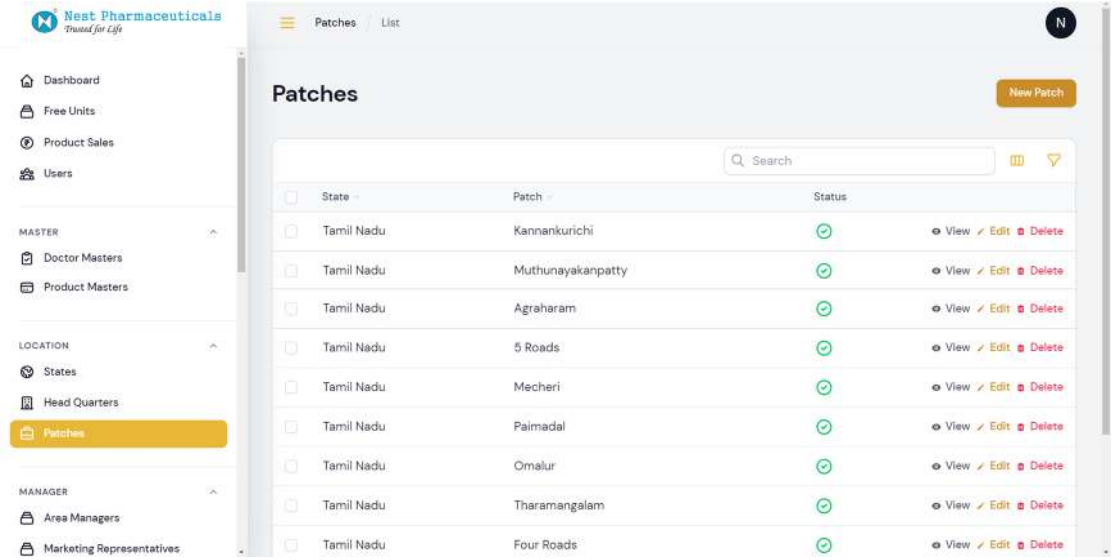
2.2.9.2 Create Head Quarters



Once the information for the necessary field is filled in. The Head Quarters will be created when the "Create" button is pressed.

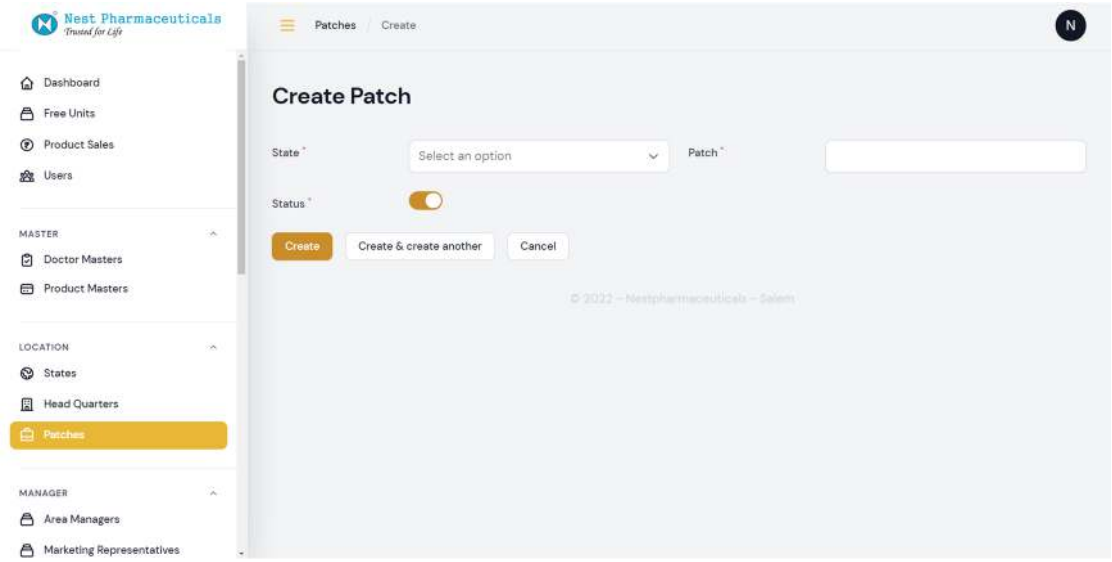
2.2.9 Patches

2.2.9.1 Create Patch



This panel indicates the Patches along with State name, Patch name and Status will be displayed.

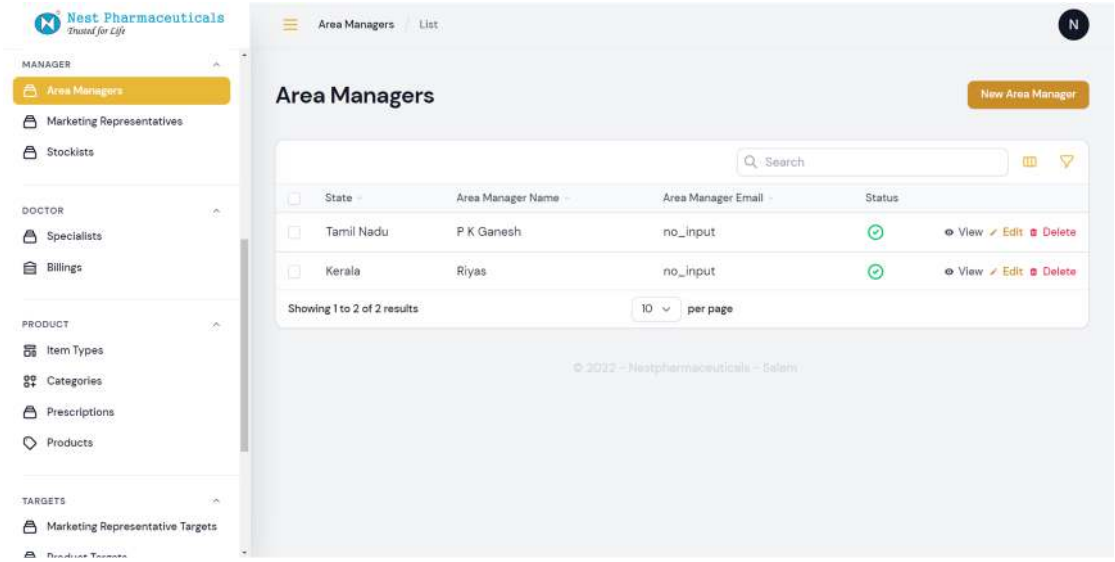
2.2.9.2 Create Patch



Once the information for the necessary field is filled in. The Patch will be created when the "Create" button is pressed.

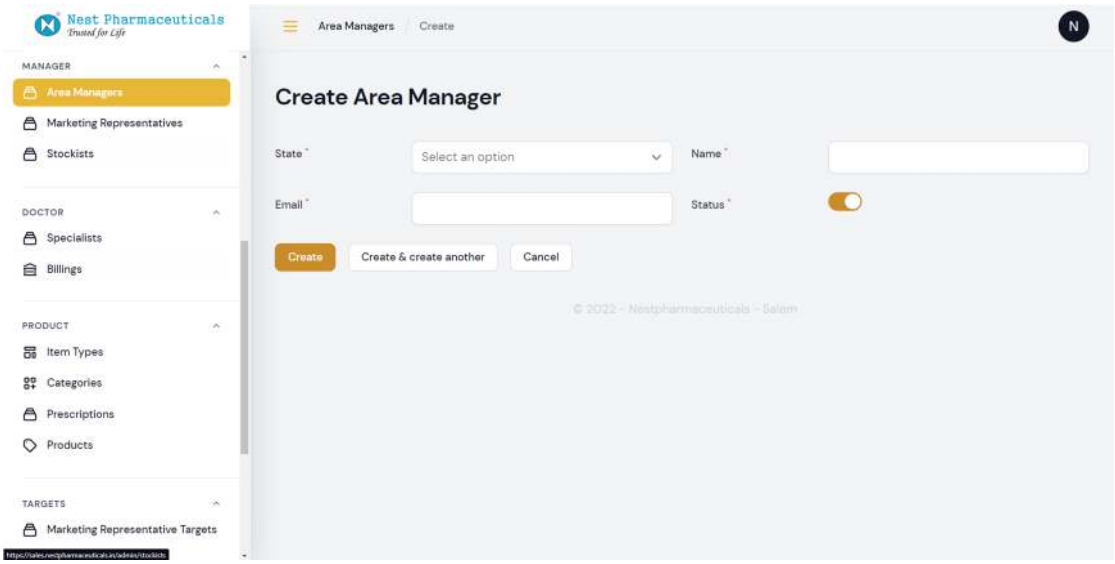
2.2.10 Area Manager

2.2.10.1 List Area Manager



This panel indicates the Area Managers along with State, Email Address and Status will be displayed.

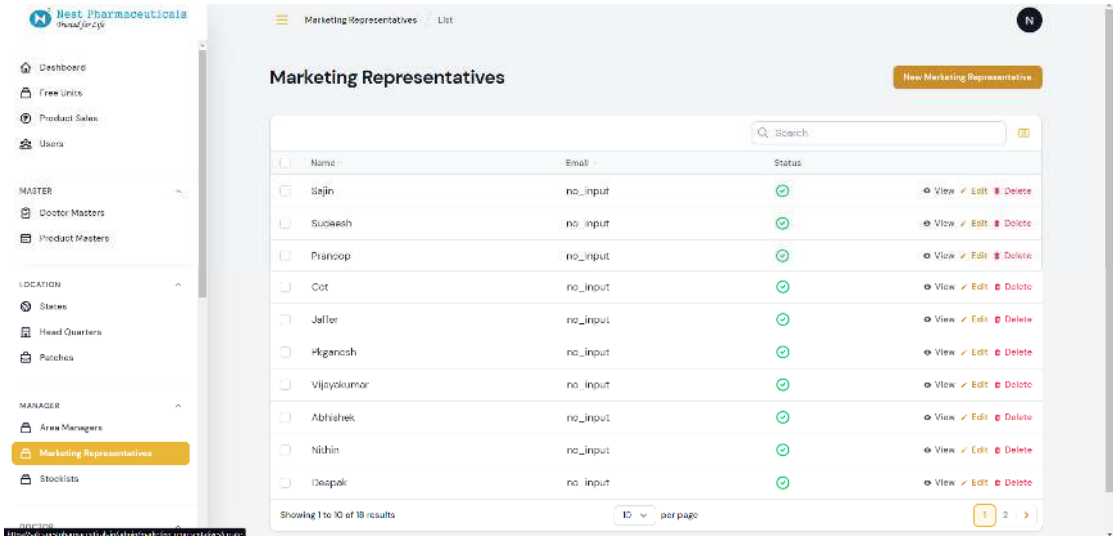
2.2.10.2 Create Area Manager



Once the information for the necessary field is filled in. The Area Manager will be created when the "Create" button is pressed.

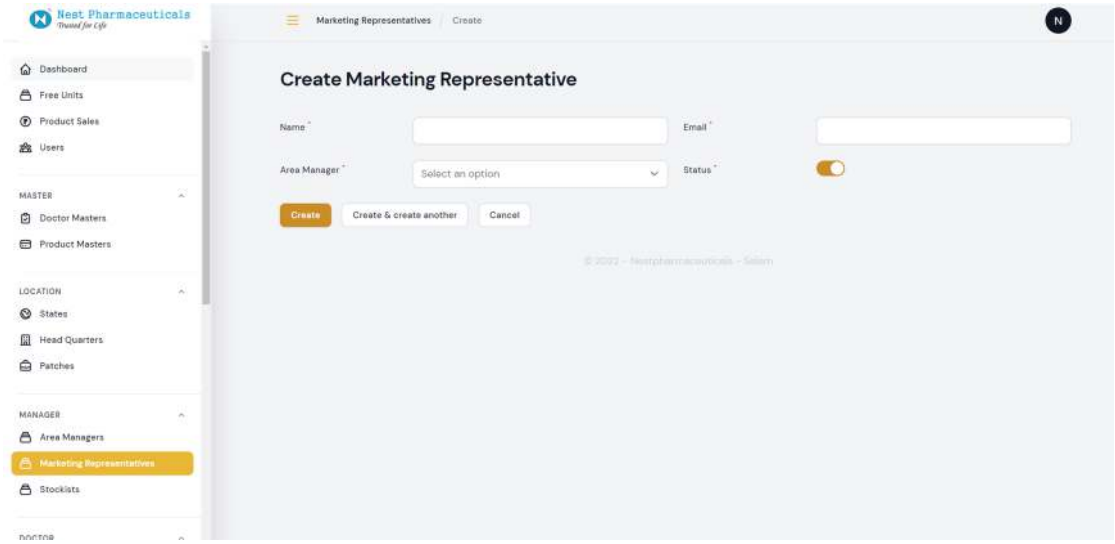
2.2.11 Marketing Representatives

2.2.11.1 List Marketing Representatives



This panel indicates the Marketing Representatives along with Name, Email, Status will be displayed.

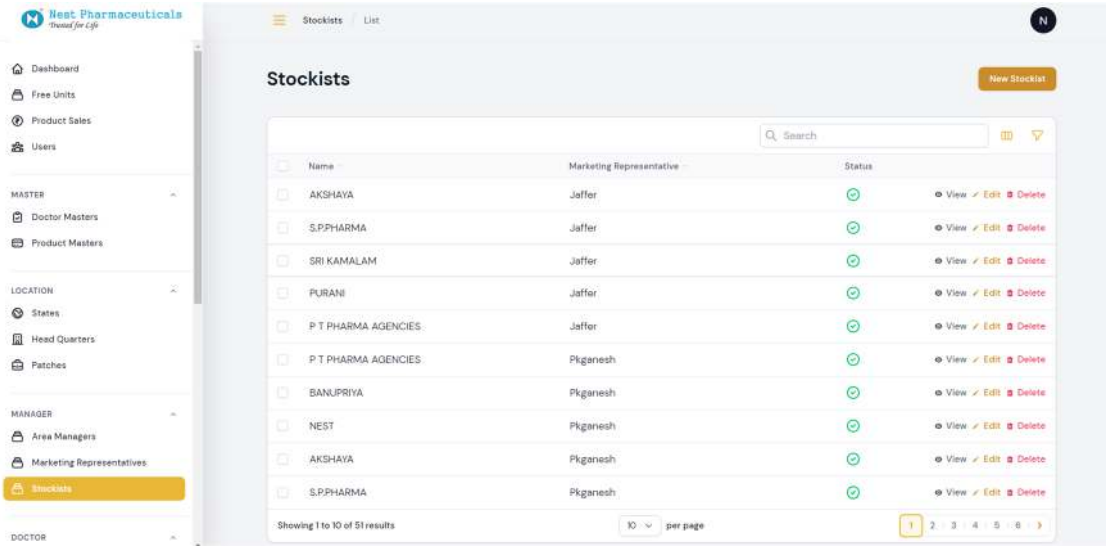
2.2.11.2 Create Marketing Representative



Once the information for the necessary field is filled in. The Marketing Representatives will be created when the "Create" button is pressed.

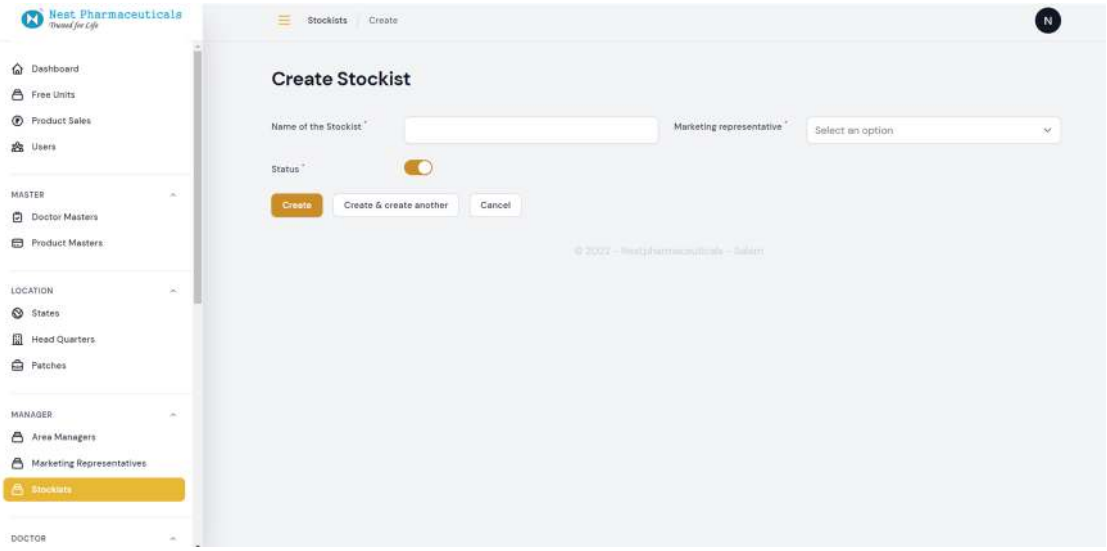
2.2.12 Stockists

2.2.12.1 List Stockist



This panel indicates the Stockists along with Name, Marketing Representatives, Status will be displayed.

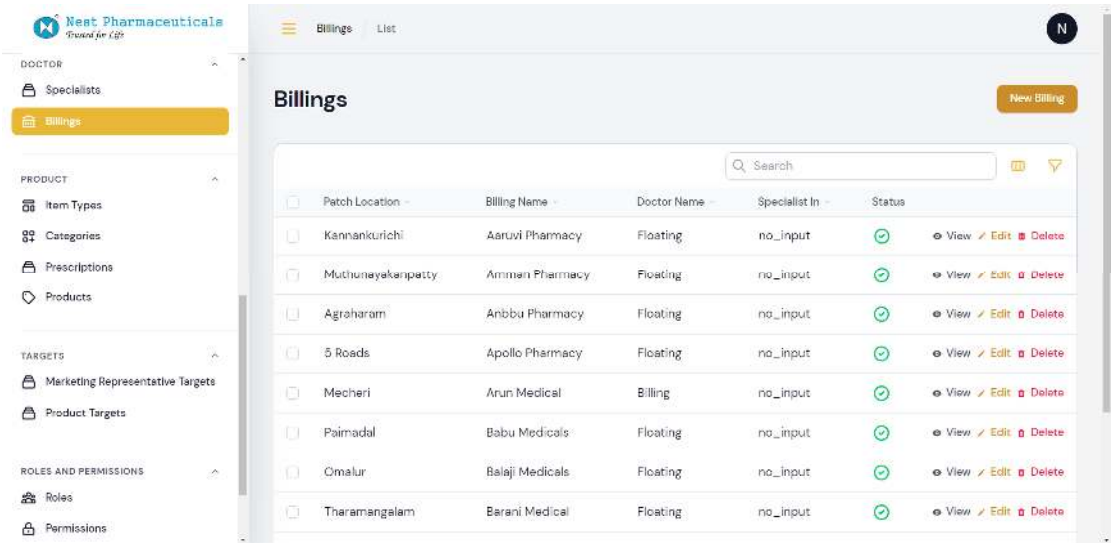
2.2.12.1 Create Stockist



Once the information for the necessary field is filled in. The Stockist will be created when the "Create" button is pressed.

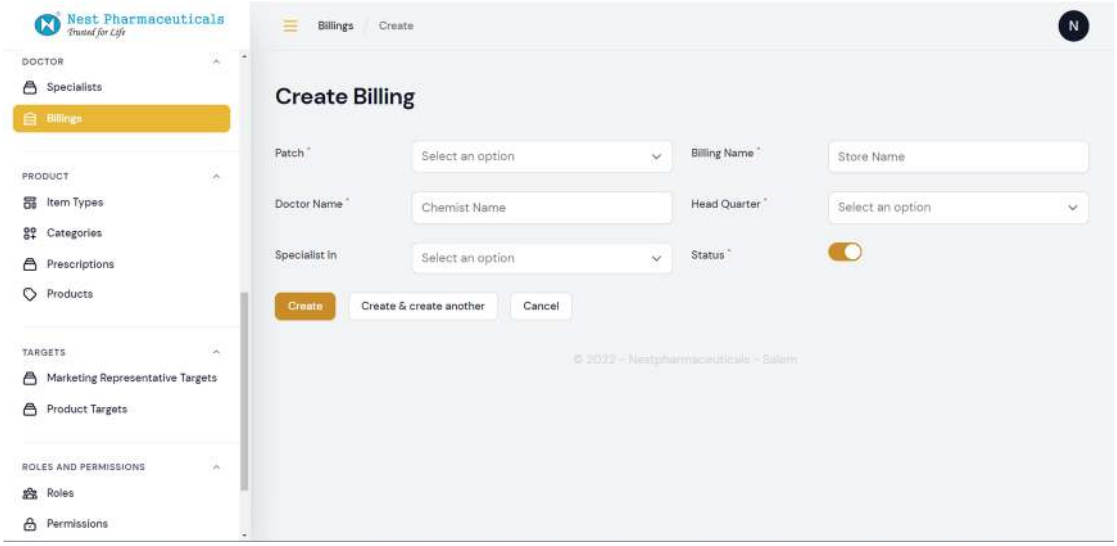
2.2.13 Billings

2.2.13.1 List Billings



This panel indicates the Billings along with Patch Location, Billing name, Doctor name, Specialist In and Status will be displayed.

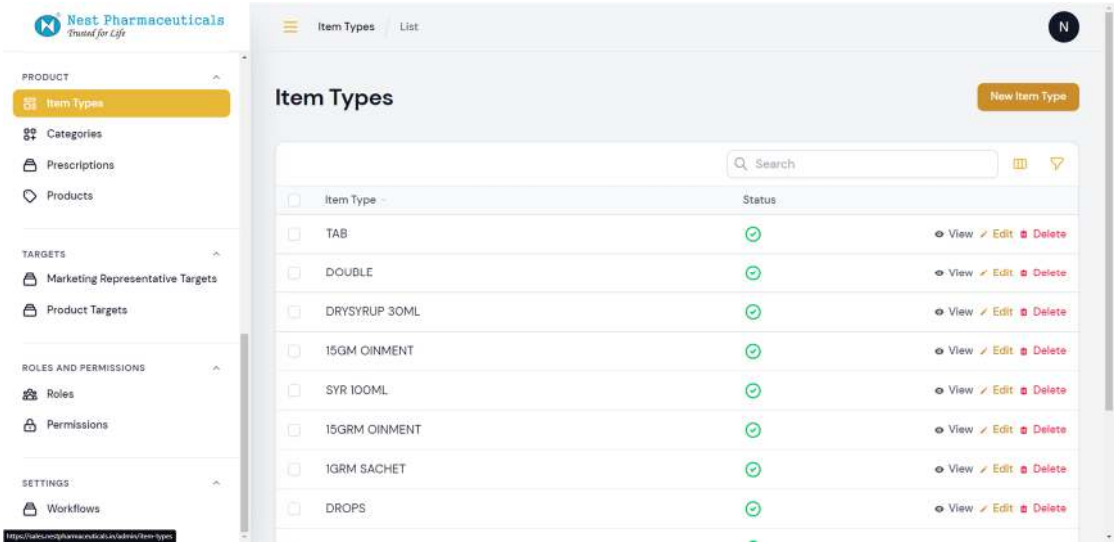
2.2.13.2 Create Billings



Once the information for the necessary field is filled in. The Billing will be created when the "Create" button is pressed.

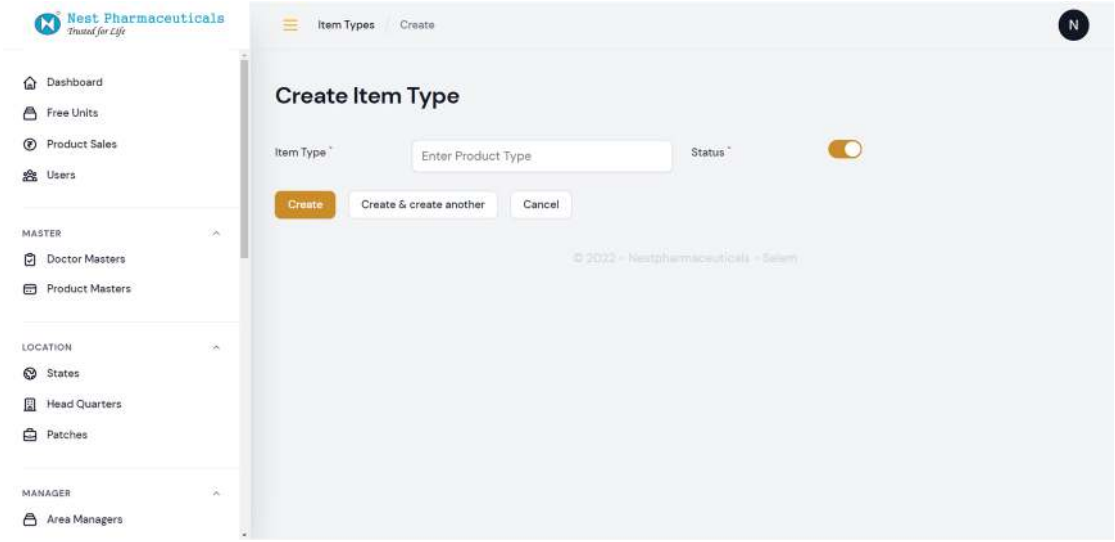
2.2.14 Item Types

2.2.14.1 List Item Types



This panel indicates the Item Type along with Item Type name and Status will be displayed.

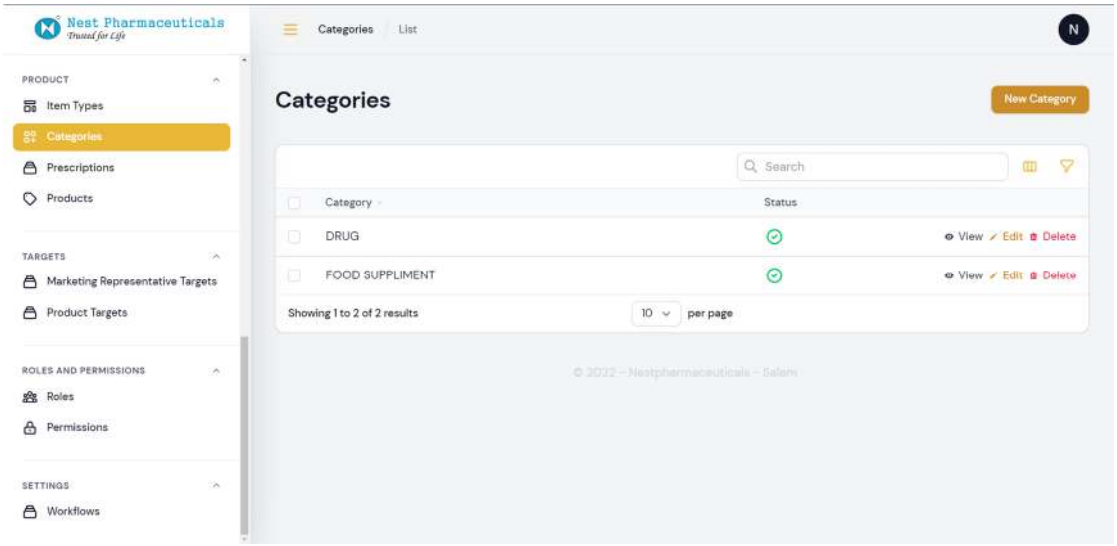
2.2.14.2 Create Item Type



Once the information for the necessary field is filled in. The Item Type will be created when the "Create" button is pressed.

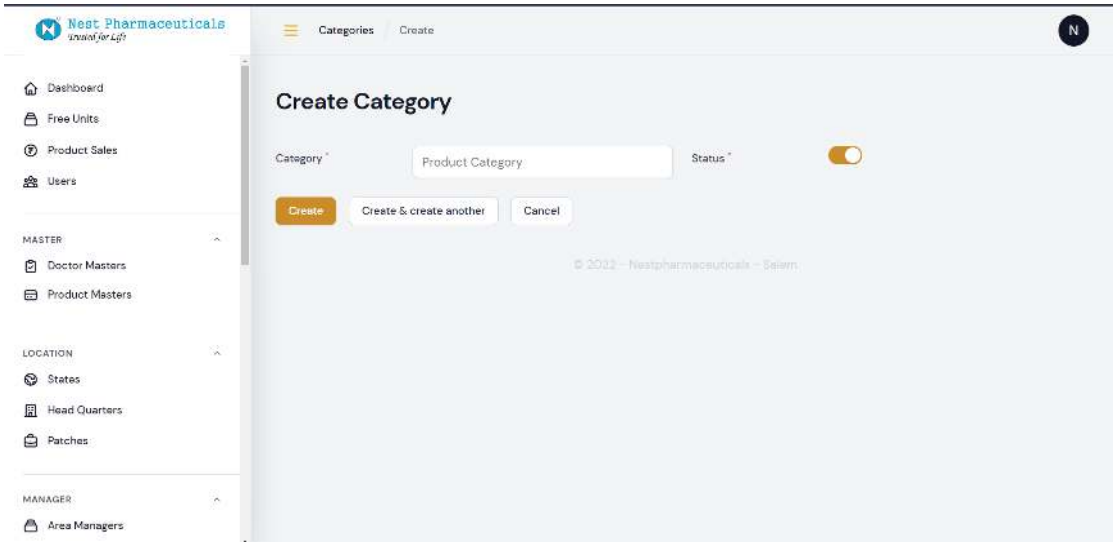
2.2.15 Categories

2.2.15.1 List Categories



This panel indicates the Categories along with Category name and Status will be displayed.

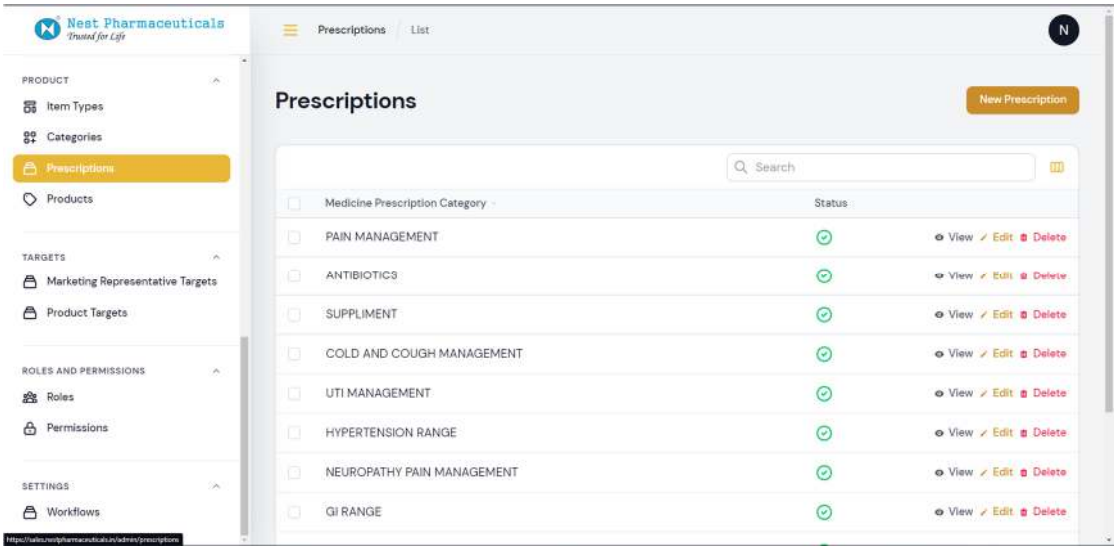
2.2.15.2 Create Category



Once the information for the necessary field is filled in. The Category will be created when the "Create" button is pressed.

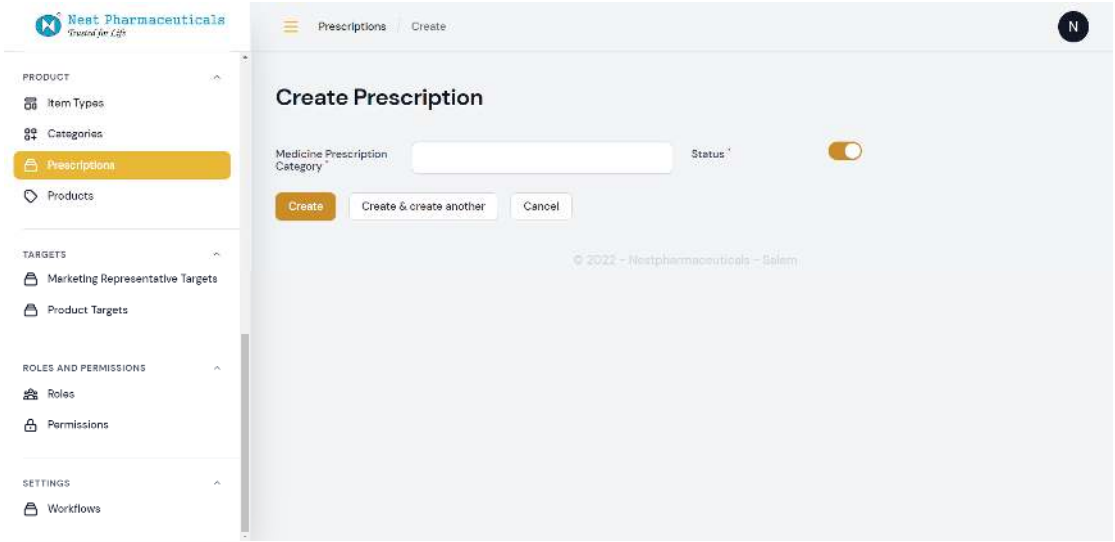
2.2.16 Prescriptions

2.2.16.1 List Prescriptions



This panel indicates the Prescriptions along with Medicine Prescription Category name and Status will be displayed.

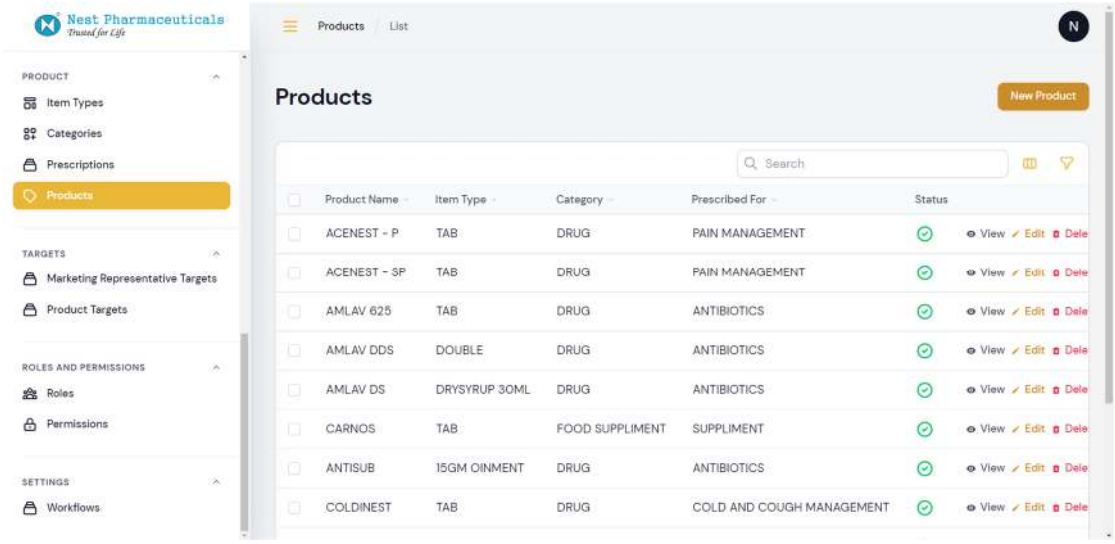
2.2.16.2 Create Prescriptions



Once the information for the necessary field is filled in. The Prescription will be created when the "Create" button is pressed.

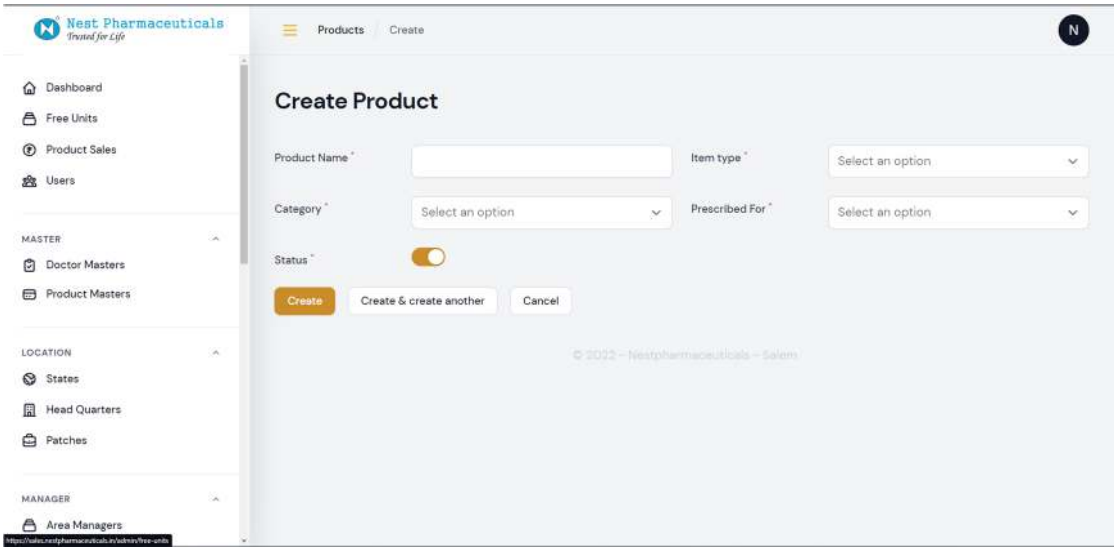
2.2.17 Product

2.2.17.1 List Product



This panel indicates the products along with Product name, Item Type, Category, prescribed for and Status will be displayed.

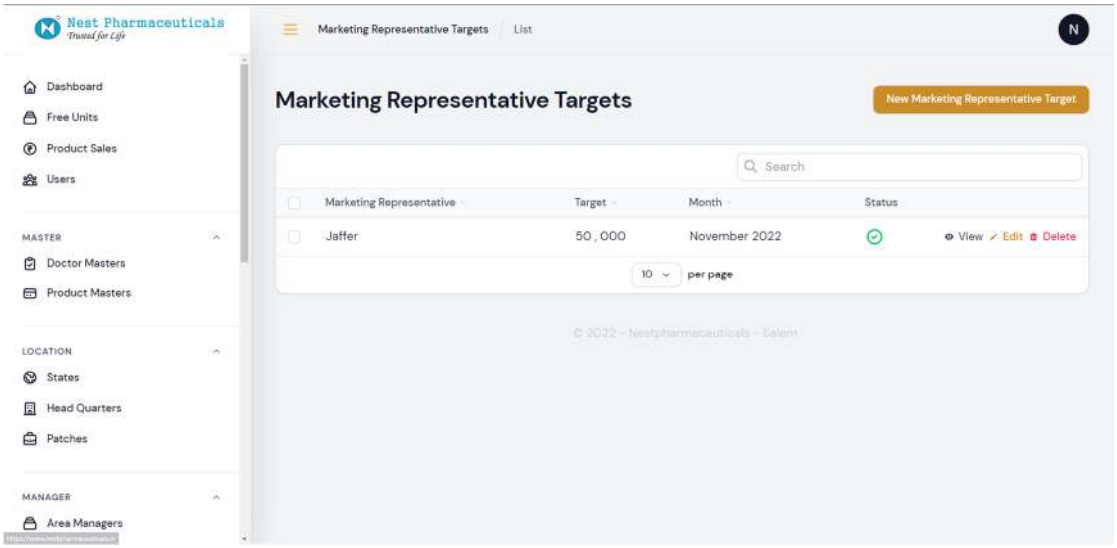
2.2.17.2 Create Product



Once the information for the necessary field is filled in. The product will be created when the "Create" button is pressed.

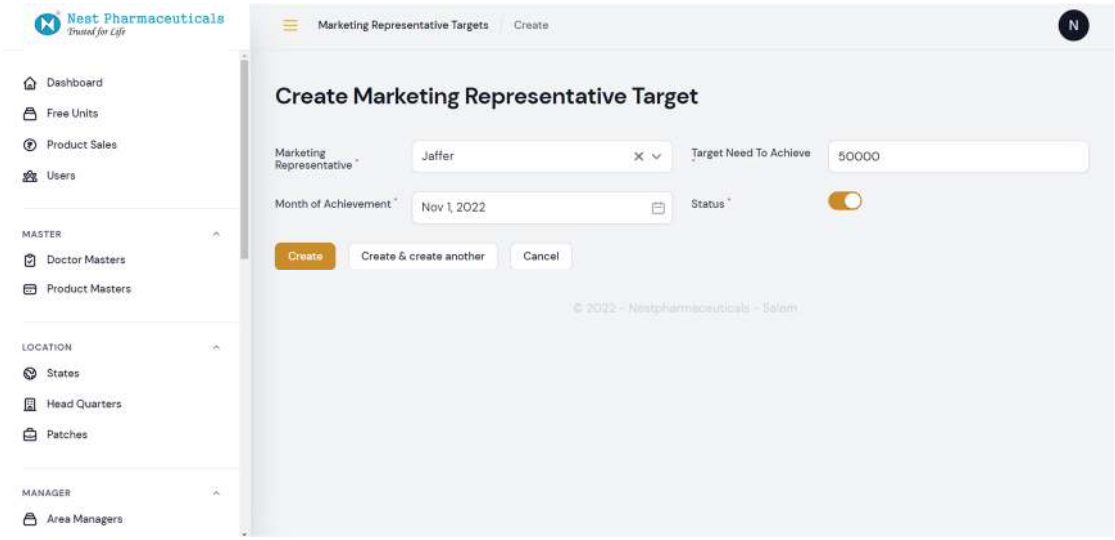
2.2.18 Marketing Representative Targets

2.2.18.1 List Marketing Representative Targets



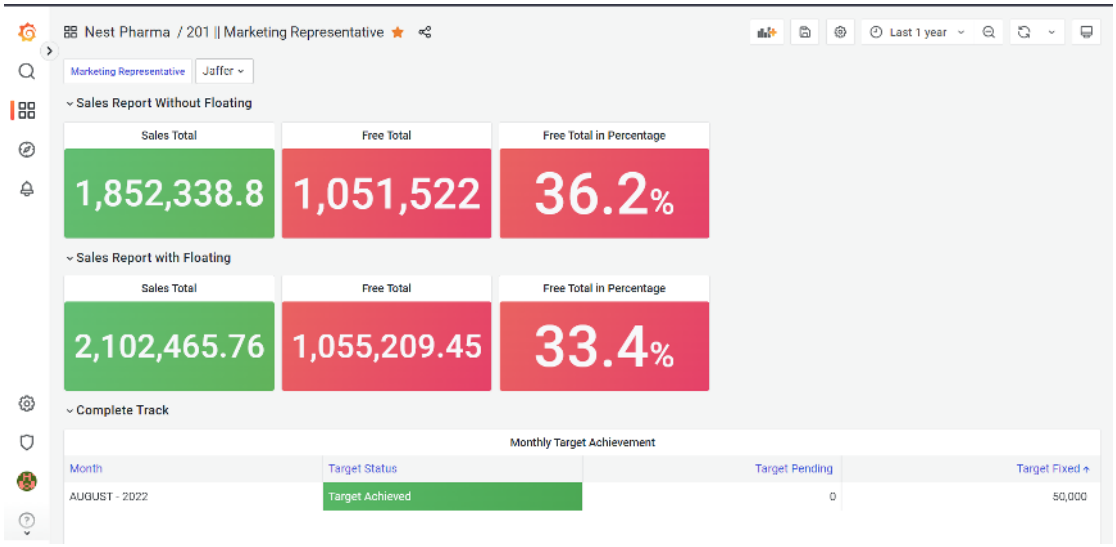
This panel indicates the Marketing Representative Targets along with Marketing Representative name, Target value, Month and Status will be displayed.

2.2.18.2 Create Marketing Representative Targets



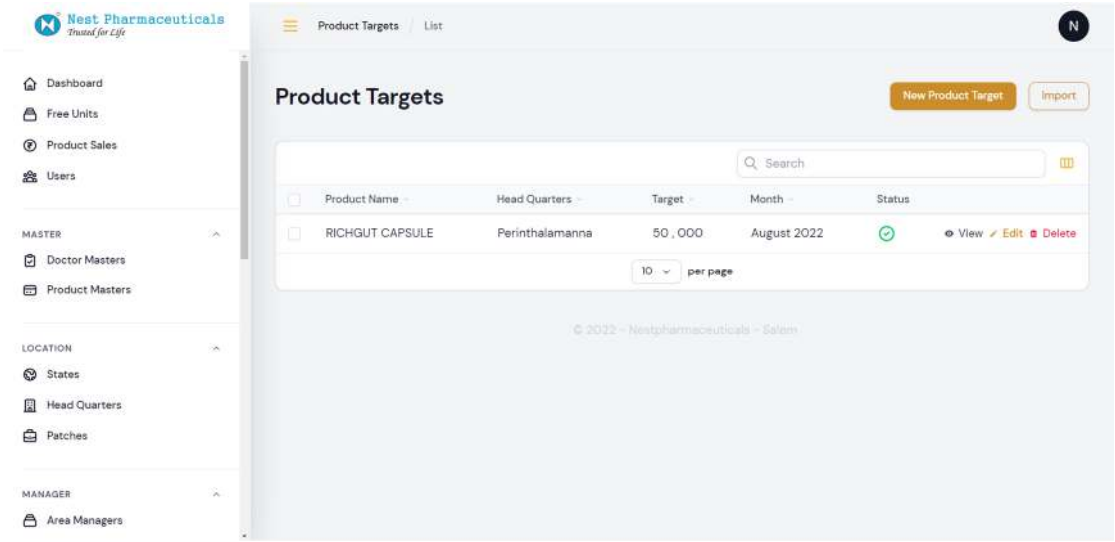
Once the information for the necessary field is filled in. The Marketing Representative Targets will be created when the "Create" button is pressed.

To view the Marketing Representative Targets, Achieved or not visit https://dashboard.nestpharmaceuticals.in/.



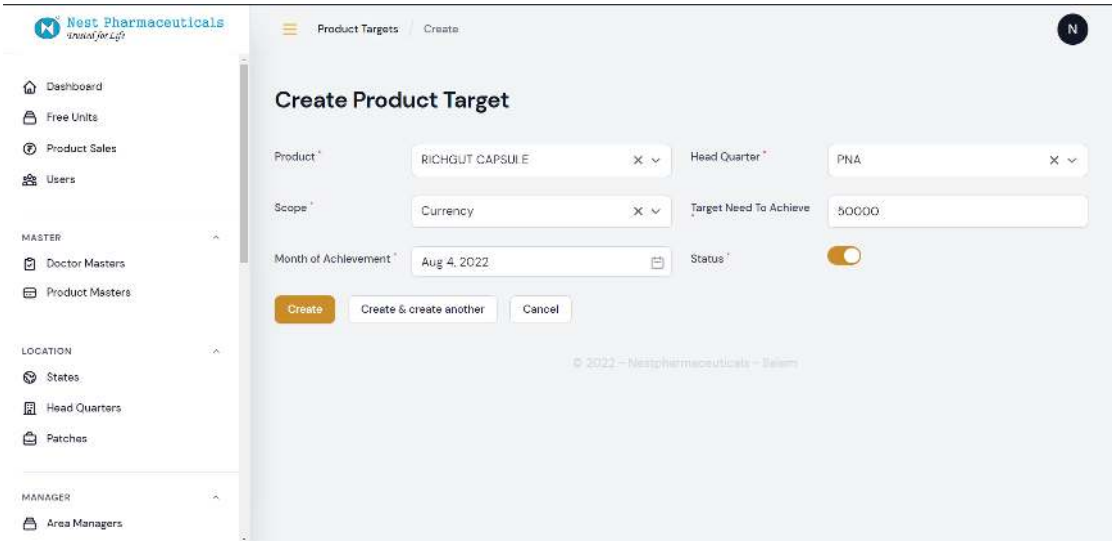
2.2.19 Product Target

2.2.19.1 List Product Target



This panel indicates the Product Targets along with Product Name, Head Quarters, Target, Month and Status will be displayed.

2.2.19.2 Create Product Target

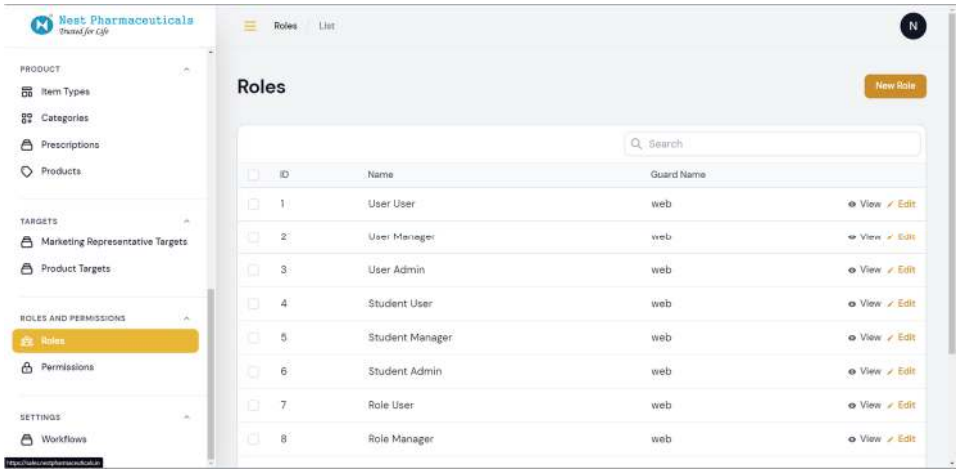


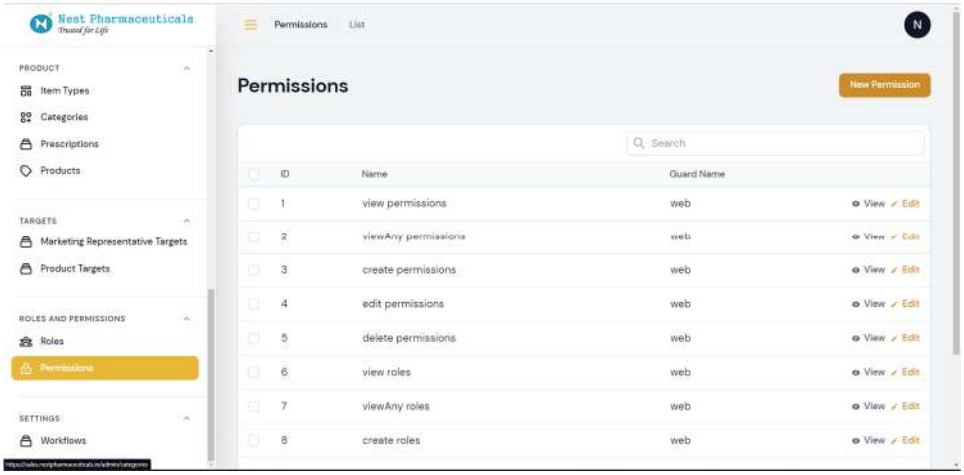
Once the information for the necessary field is filled in. The product Target will be created when the "Create" button is pressed.

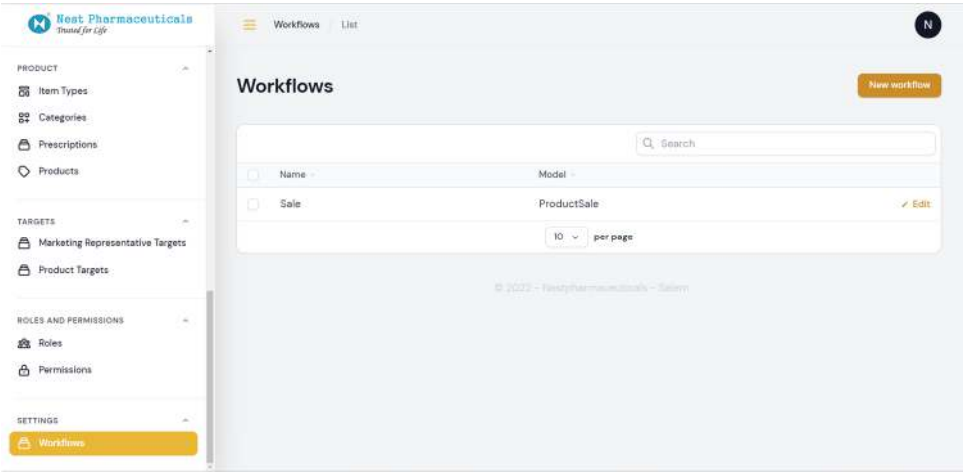
2.2.20 Developers Handling Panels

Roles, Permissions and Workflows

These panels are handled by developers.







2.3 User Classes and Characteristics

To the fullest extent possible, this software features administrator rights. This will experience the effects of the 2Auth security feature's high level of security. they bought for and having the following product they were going to buy. the main frame of the software to categorize to the admin to manage the resources

2.4 Design and Implementation Constraints

As long as the permissions are allowed, the administrator of this software can access and modify the data. Although the developers have the super admin privilege, which allows them to interface the software's backdoor, developers must handle severe crashes to enable the debugger and address the issue correctly. Maintaining the specified required standards is a constraint that the system may be subject to.

2.5 User Documentation

An ultimate guide is included in the user manuals and is available at the link below. https://sales.nestpharmaceuticals.in/admin.

2.6 Assumptions and Dependencies

Two Oracle Autonomous Databases with potent tools like Oracle APEX and Oracle SQL Developer are used in this software as part of the Oracle Cloud Free Tier. Oracle may alter its free tier infrastructure due to any constraint, which could result in a server going down or becoming unstable. If business rules are changed in some cases without informing the developer, the software may lead to functionality fail.

3 System Features

Both mobile and web responsiveness are present on this website. The job flow, which is most necessary, is added. where the managing director will update the information regarding the quantity of goods sold to the dealers. And the Administrator looks into the query regarding the sold product and either approves or rejects it with remarks. If the Administrator rejects the request, the Managing Director with earlier comments will take responsibility. Until the administrator approves the specific query, this flow will loop.

3.1 Workflow and Dashboard

Nest-Dash is a dashboard that helps you monitor and analyze your business. It's the only dashboard you'll ever need, with everything from your sales to your marketing. With Nest-Dash, you'll have a clear view of what's happening in your business and how to make it better.

3.1.1 Description and Priority

The Managing Director uses this software dashboard for data updating as well as the extensive business analytics made in it. Then, Garfana, a multi-platform open source analytics and visual analytics web application, displayed the data analyses. The primary concern feature will be the company's workflow.

3.1.2 Stimulus/Response Sequences

Data entering and making out updating will be done first in the software. Then, the data visualization is carried out on the Grafana dashboard, which supports various authentication techniques like LDAP and OAuth and enables user-to-organization mapping. Garfana user are given view-only mode rights as a condition in order to access databases.

3.1.3 Functional Requirements

The product sales fields are included in the summary of each head office's managing directors. They update the stockist name, billing name, name of the drug or product they sold, number of sales, number of free units given, and date of distribution. which each constraint has its own uniqueness. This must first be updated in the database before the data in the fields, Stockist, and Billing address can be updated. The information of the product's name, type, category, MRP, PTS, and PTR should be determined.

4 External Interface Requirements

4.1 User Interfaces

4.2 Hardware Interfaces

This software operates entirely on cloud servers, with some assistance from hardware interfaces. Interfaces with Arm-based Ampere A1 cores and 24 GB of memory that may be used for 1 VM or up to 4 VMs, each with 3,000 OCPU hours and 18,000 GB, are also included.

4.3 Software Interfaces

The dashboard initially displays the sales analytics. The software displays a list of billing fields in a portion of Billings. The billing fields are contained in Doctor Masters along with the headquarters address under stockist and sales manager. The list of products has been displayed in the Product Masters. The Managing Director is allowed to enter sales figures in addition to the mandatory areas as part of product sales. The data for the Head Quarters, States, and Patches is ready to be created and used. Additionally, it includes stockists and sales manager data in the sales manager section. The associated items for the various item types and categories are kept in the Production Environment.