THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

IDBMS PROJECT

Shop Management System

Submitted to
Dr. Poonam Gera

Submitted by
Group 2

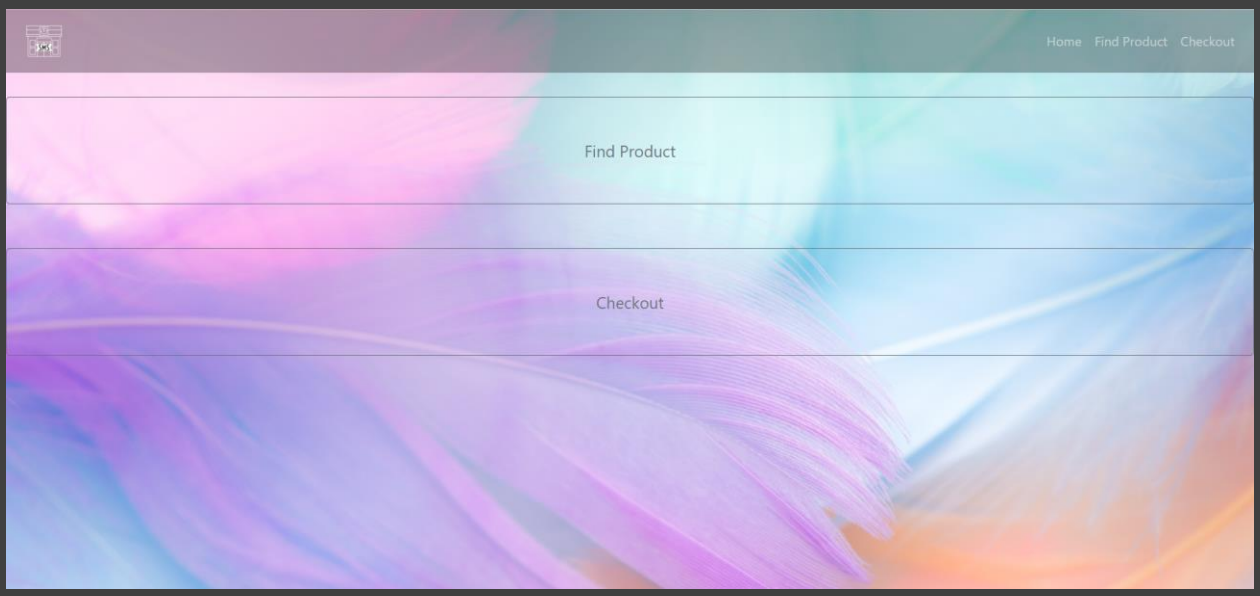
Group Members	Roll Number
Soham Nehra	20UCS195
Sriraj Behera	20UCS201
Tushar Jain (Lead)	20UCS211
Vaibhav Gupta	20UCS216

The LNM Institute Of Information Technology

IDBMS Project

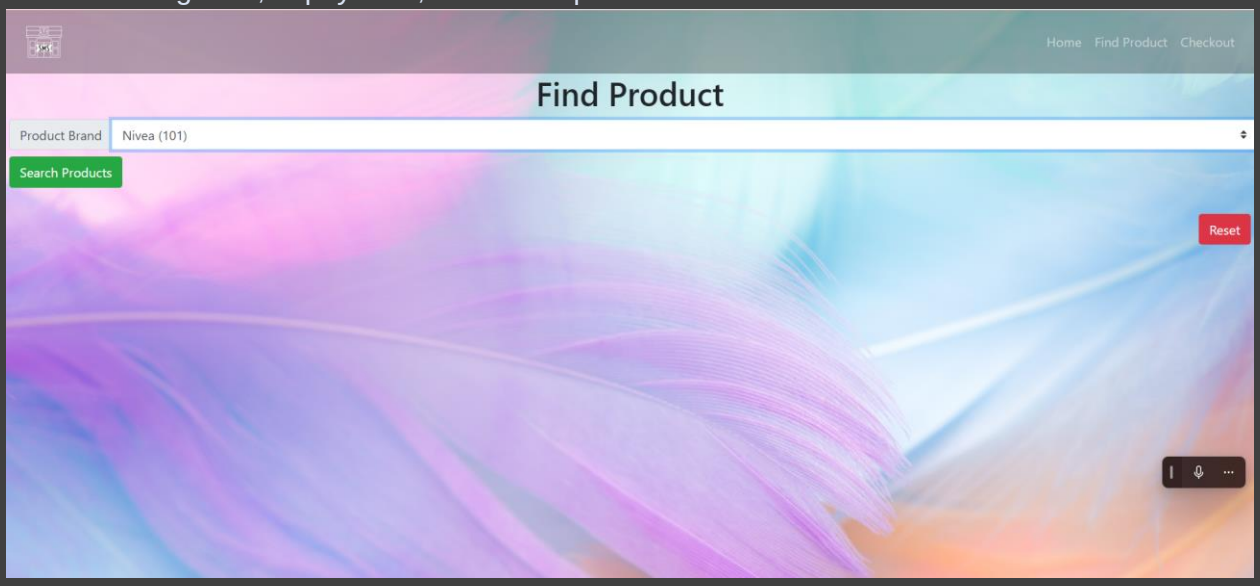
The project at present runs locally using any Python IDE. The weblink created by IDE is generally localhost:5000. Below is the functioning of the website.

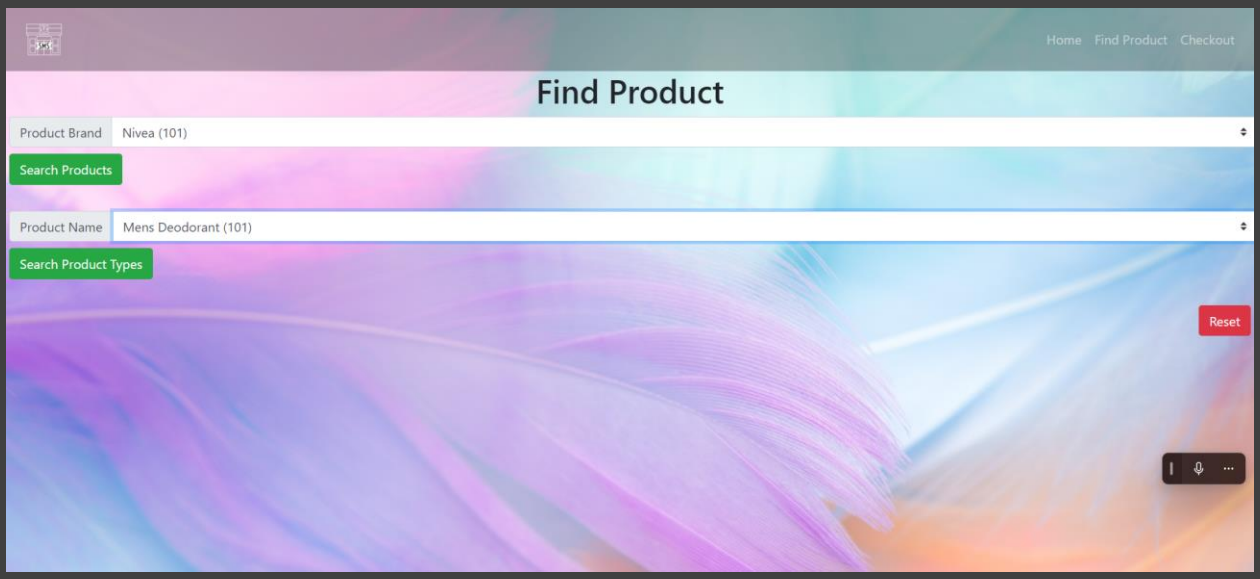
localhost:5000/ or localhost:5000/home
It contains the links accessible to employees and users.

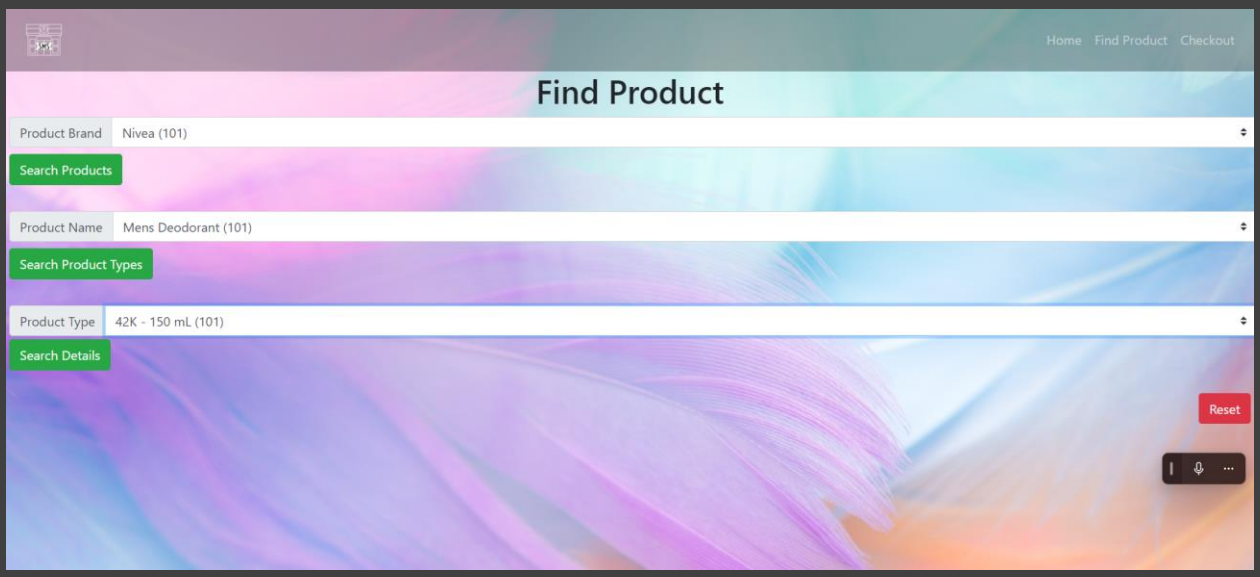


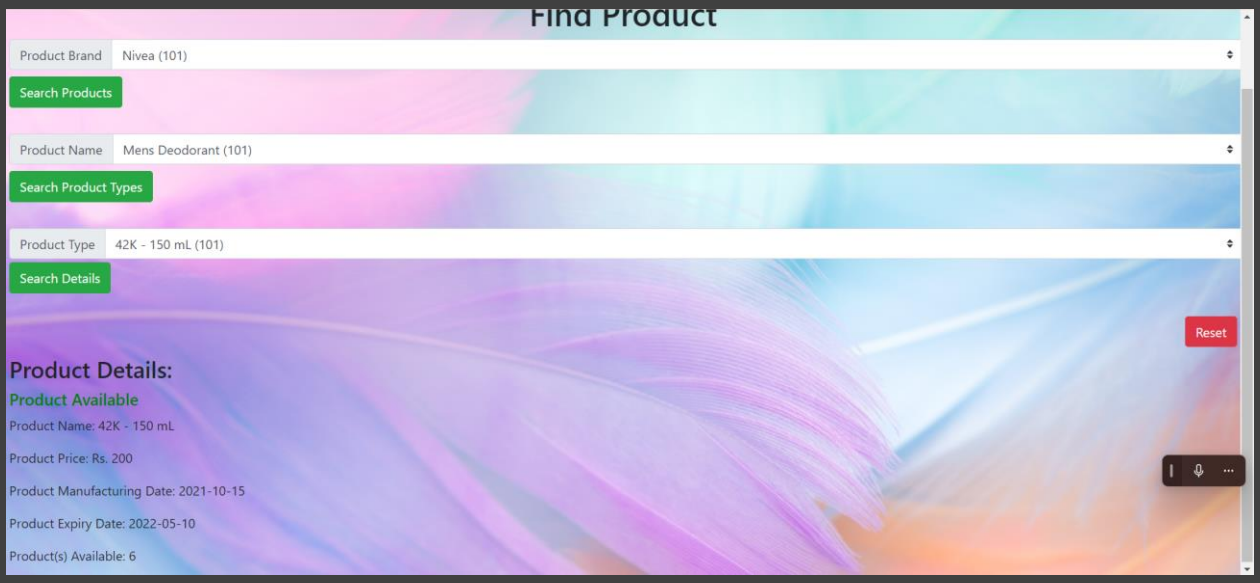
localhost:5000/findproduct

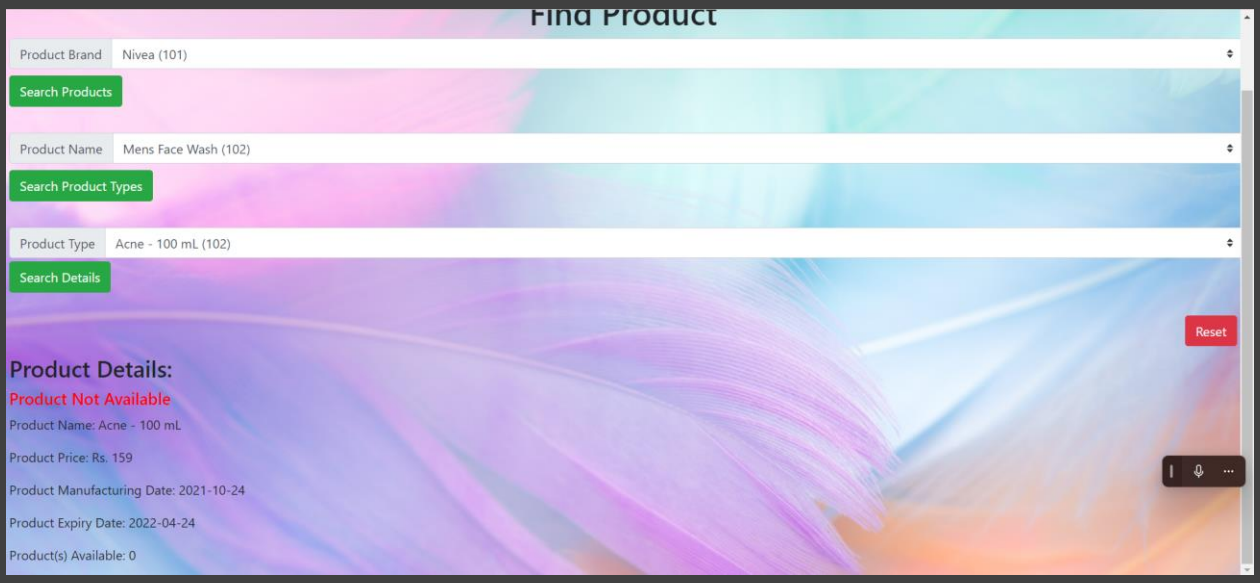
It asks the users for three pieces of information. First, the brand of the product. Second, the product name. Third, the type of the product (like its volume, grams, etc.). After the user gives the three pieces of information, it gives the users details about the product namely its price, manufacturing date, expiry date, number of products in stock.






Home
Find Product
Checkout
Find Product
Product Brand
Nivea (101)
Search Products
Product Name
Mens Deodorant (101)
Search Product Types
Product Type
42K - 150 mL (101)
Search Details
Reset

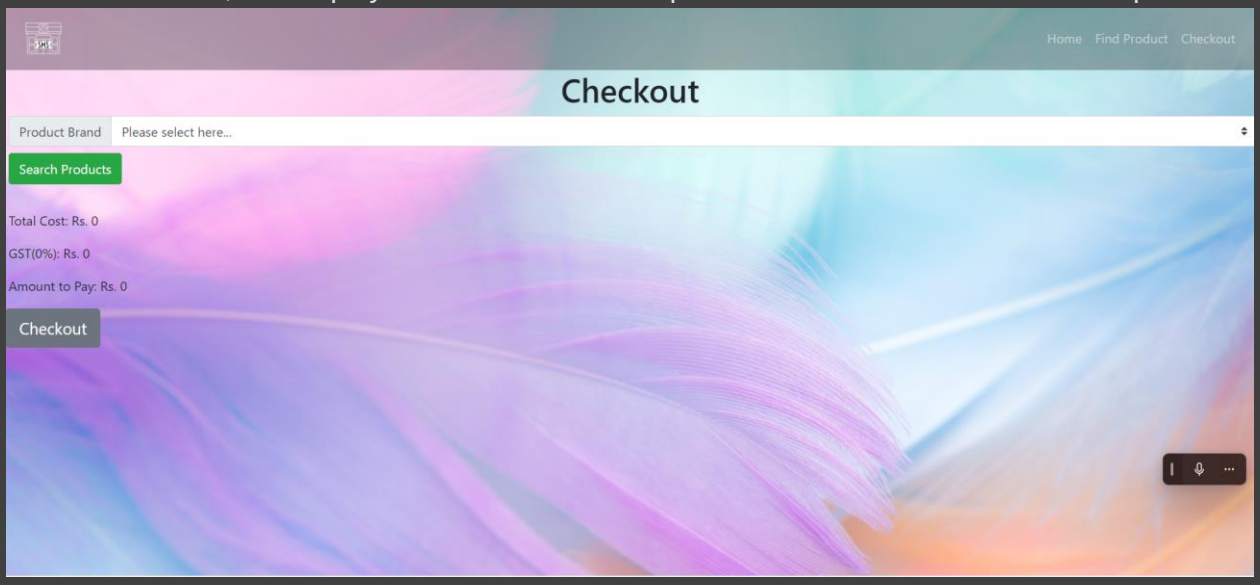

Find Product
Product Brand
Nivea (101)
Search Products
Product Name
Mens Deodorant (101)
Search Product Types
Product Type
42K - 150 mL (101)
Search Details
Reset
Product Details:
Product Available
Product Name: 42K - 150 mL
Product Price: Rs. 200
Product Manufacturing Date: 2021-10-15
Product Expiry Date: 2022-05-10
Product(s) Available: 6

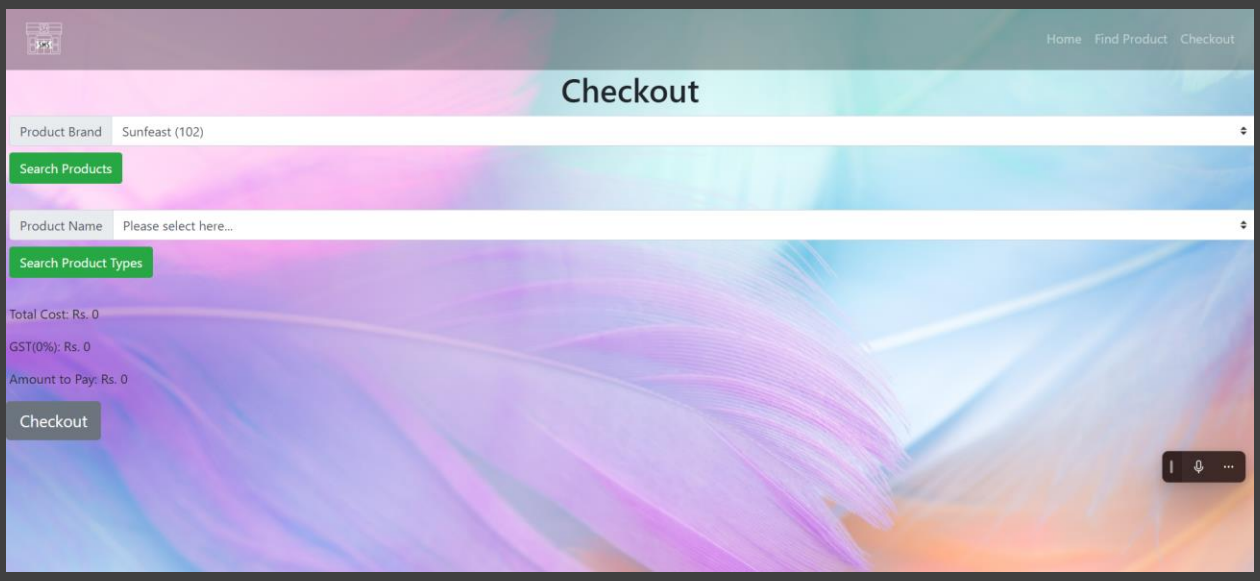

Find Product
Product Brand
Nivea (101)
Search Products
Product Name
Mens Face Wash (102)
Search Product Types
Product Type
Acne - 100 mL (102)
Search Details
Reset
Product Details:
Product Not Available
Product Name: Acne - 100 mL
Product Price: Rs. 159
Product Manufacturing Date: 2021-10-24
Product Expiry Date: 2022-04-24
Product(s) Available: 0

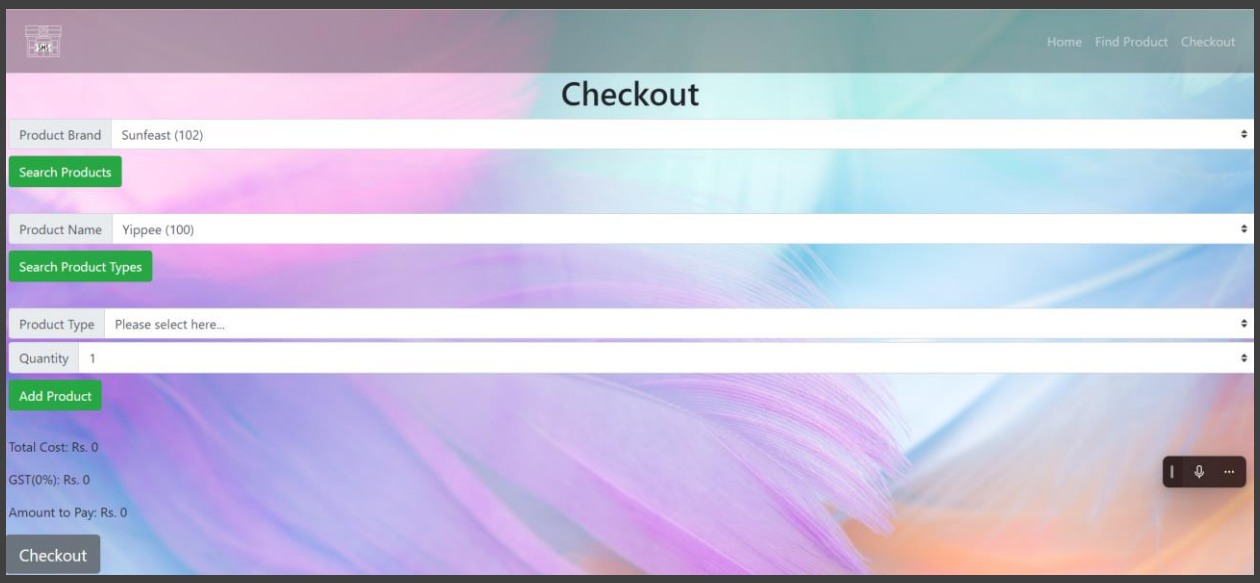
localhost:5000/checkout

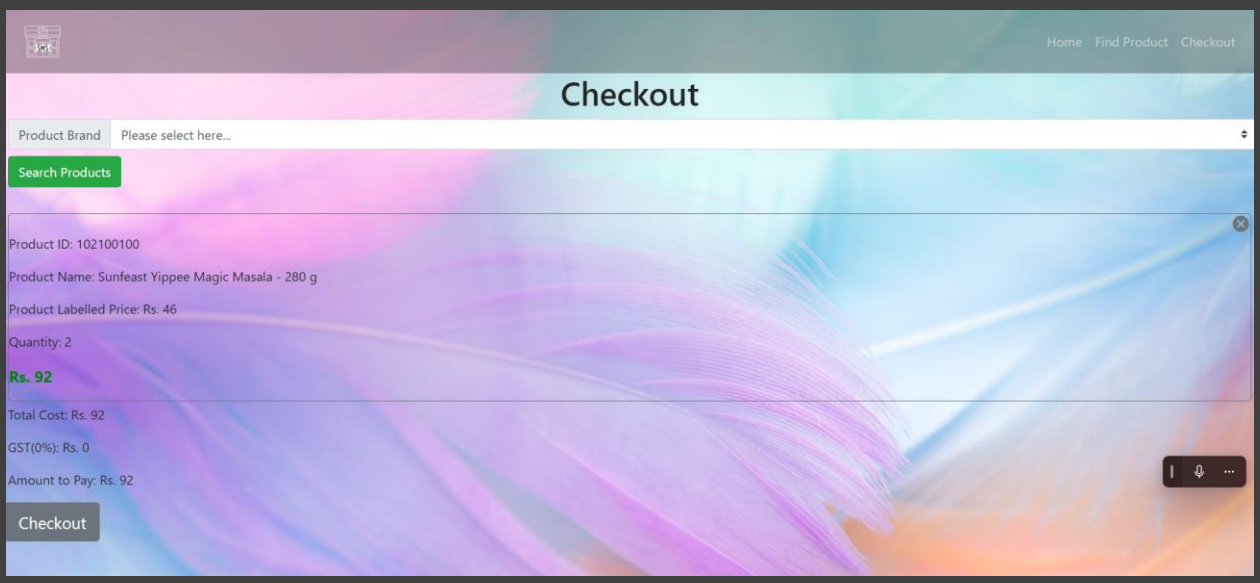
It is used by employees to sell the product and could also be used by users to get the total price of the products he/she needs to buy.

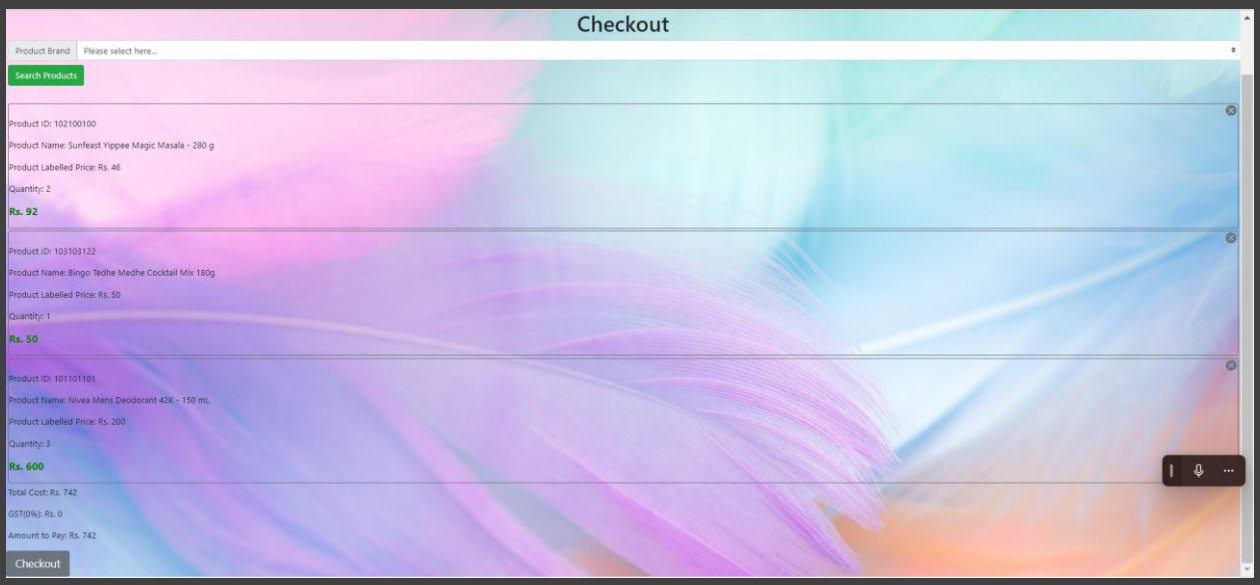
For the checkout, the employee needs to enter the password to confirm the sale of the product.

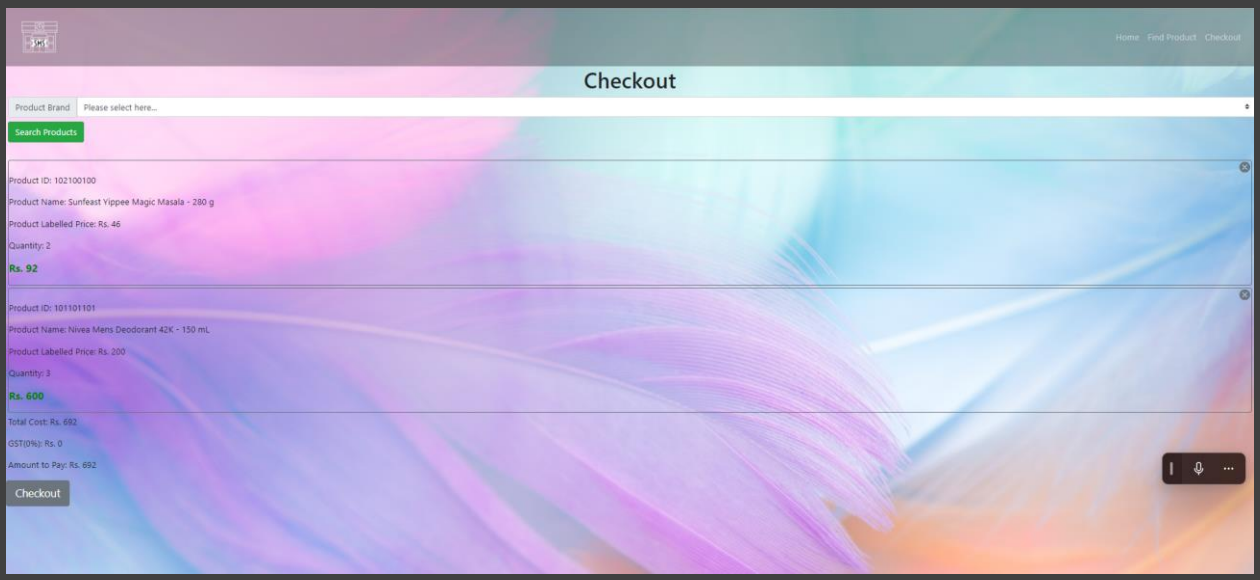


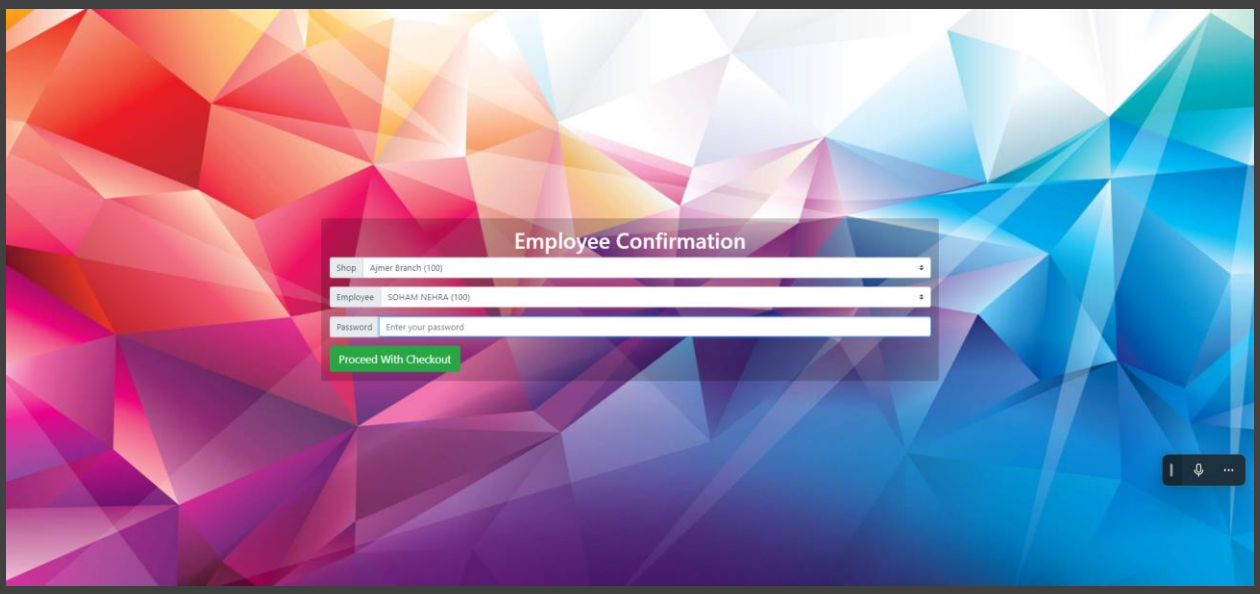


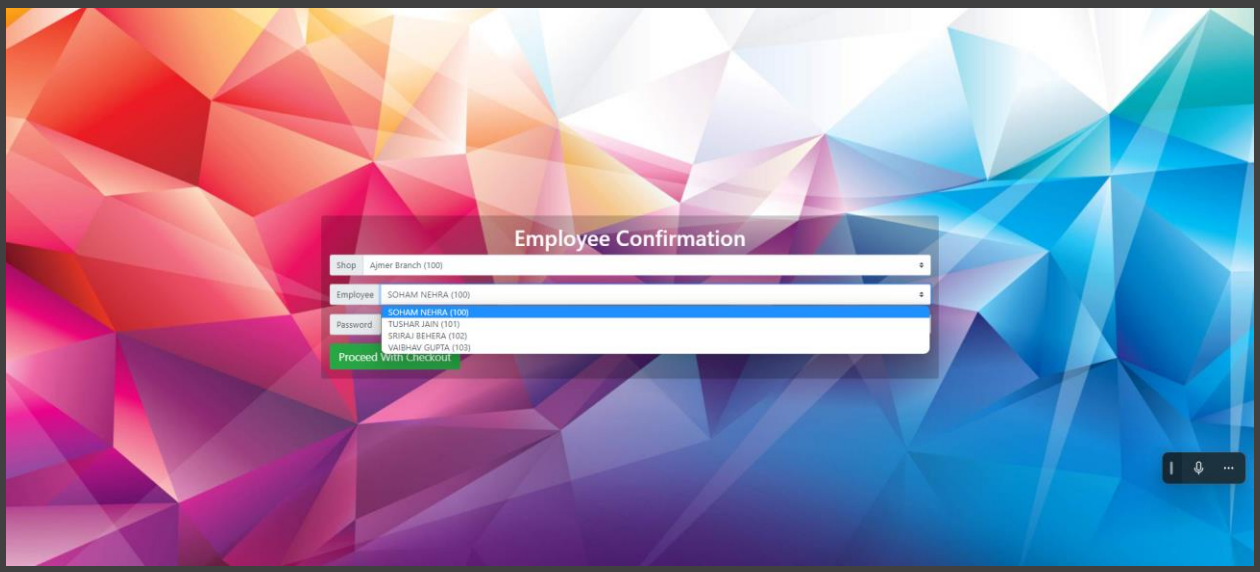

Home
Find Product
Checkout
Checkout
Product Brand
Sunfeast (102)
Search Products
Product Name
Yippee (100)
Search Product Types
Product Type
Please select here...
Quantity
1
Add Product
Total Cost: Rs. 0
GST(0%): Rs. 0
Amount to Pay: Rs. 0
Checkout


Home
Find Product
Checkout
Checkout
Product Brand
Please select here...
Search Products
Product ID: 102100100
Product Name: Sunfeast Yippee Magic Masala - 280 g
Product Labelled Price: Rs. 46
Quantity: 2
Rs. 92
Total Cost: Rs. 92
GST(0%): Rs. 0
Amount to Pay: Rs. 92
Checkout


Checkout
Product Brand
Please select here...
Search Products
Product ID: 102100100
Product Name: Sunfeast Yippee Magic Masala - 280 g
Product Labelled Price: Rs. 46
Quantity: 2
Rs. 92
Product ID: 103103122
Product Name: Bingo Tedhe Medhe Cocktail Mix 180g
Product Labelled Price: Rs. 50
Quantity: 1
Rs. 50
Product ID: 101101101
Product Name: Nivea Mens Deodorant 42K - 150 mL
Product Labelled Price: Rs. 200
Quantity: 3
Rs. 600
Total Cost: Rs. 742
GST(0%): Rs. 0
Amount to Pay: Rs. 742
Checkout

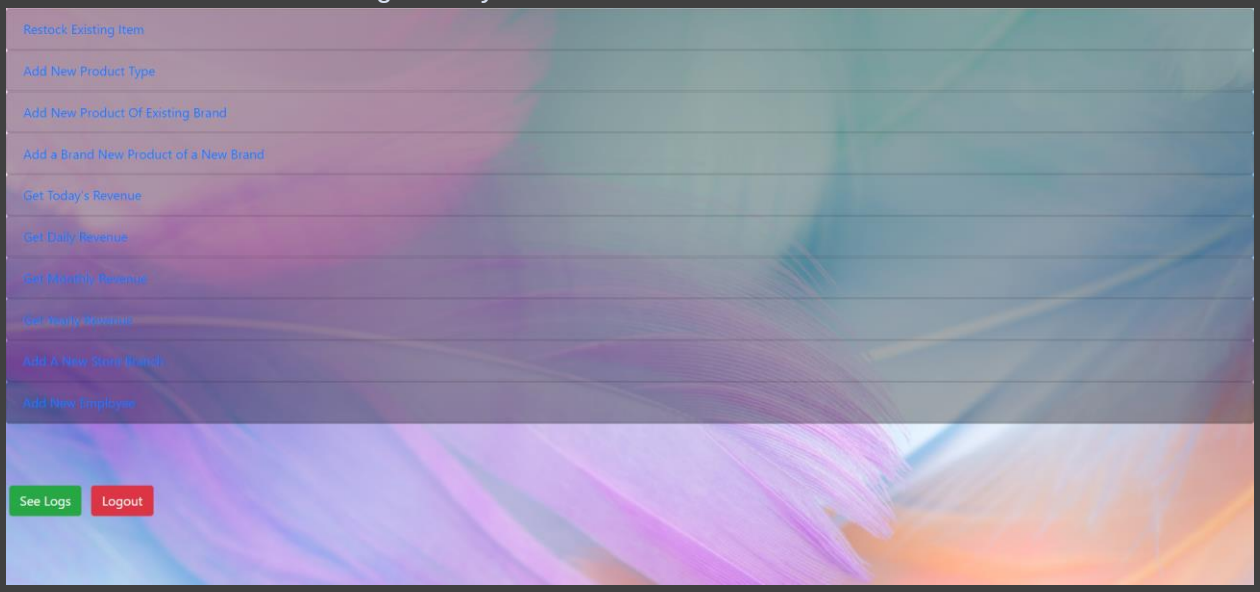

Home
Find Product
Checkout
Checkout
Product Brand
Please select here...
Search Products
Product ID: 102100100
Product Name: Sunfeast Yippee Magic Masala - 280 g
Product Labelled Price: Rs. 46
Quantity: 2
Rs. 92
Product ID: 101101101
Product Name: Nivea Mens Deodorant 42K - 150 mL
Product Labelled Price: Rs. 200
Quantity: 3
Rs. 600
Total Cost: Rs. 692
GST(0%): Rs. 0
Amount to Pay: Rs. 692
Checkout

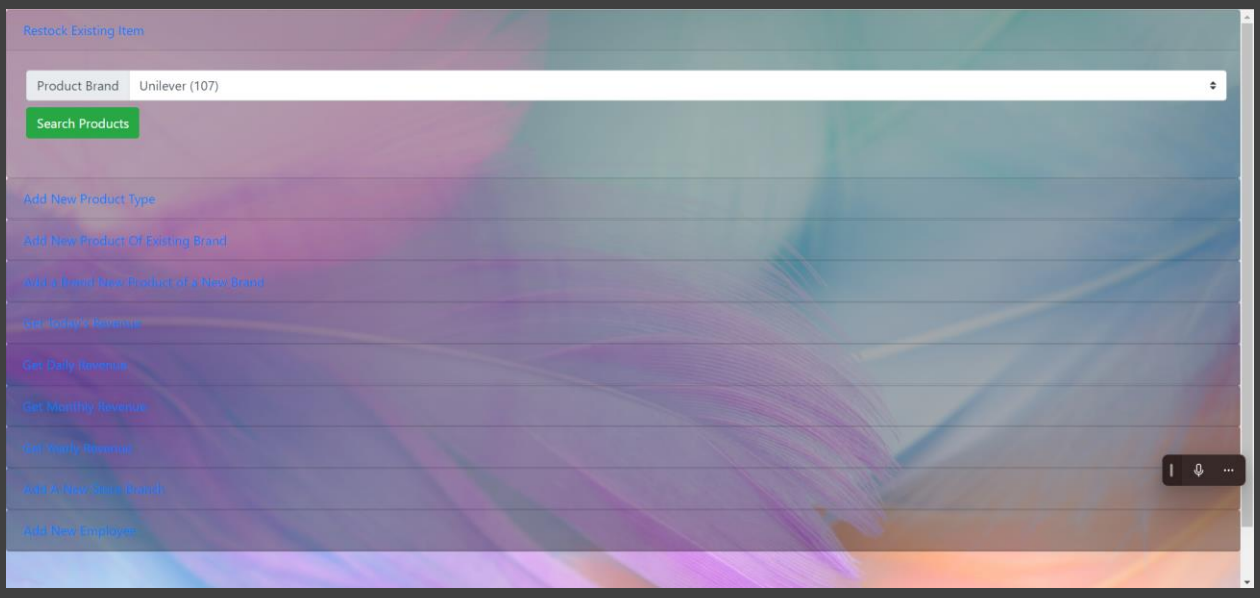

Employee Confirmation
Shop
Ajmer Branch (100)
Employee
SOHAM NEHRA (100)
Password
Enter your password
Proceed With Checkout

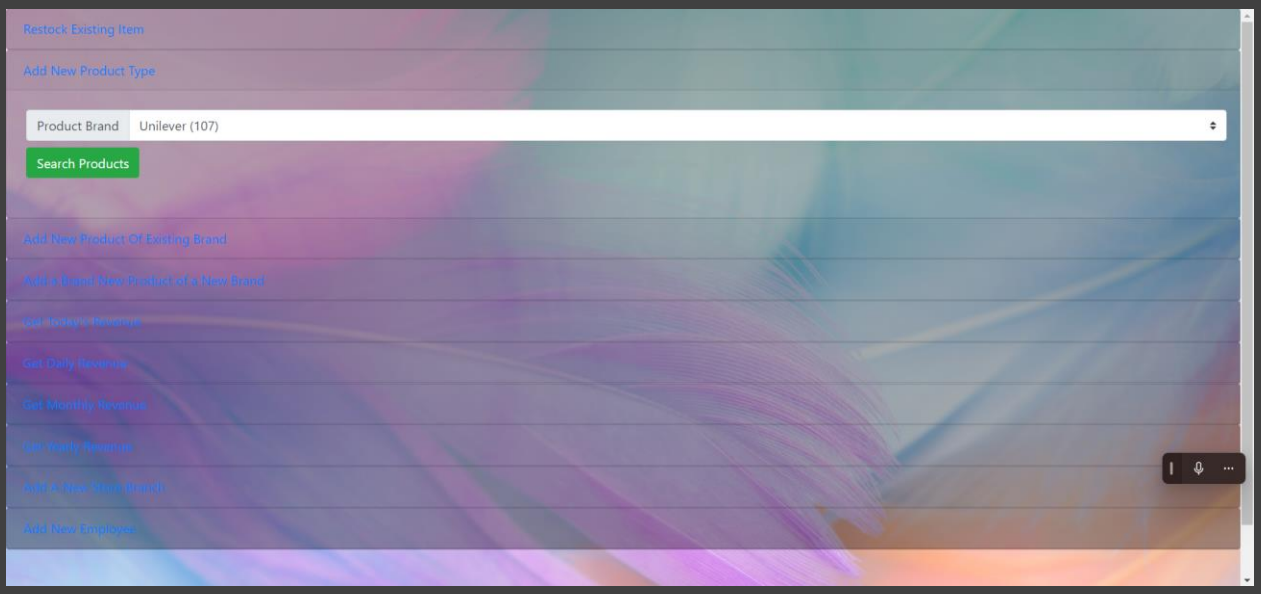

Employee Confirmation
Shop
Ajmer Branch (100)
Employee
SOHAM NEHRA (100)
Password
SOHAM NEHRA (100)
TUSHAR JAIN (101)
SRIRAJ BEHERA (102)
VAIBHAV GUPTA (103)
Proceed With Checkout

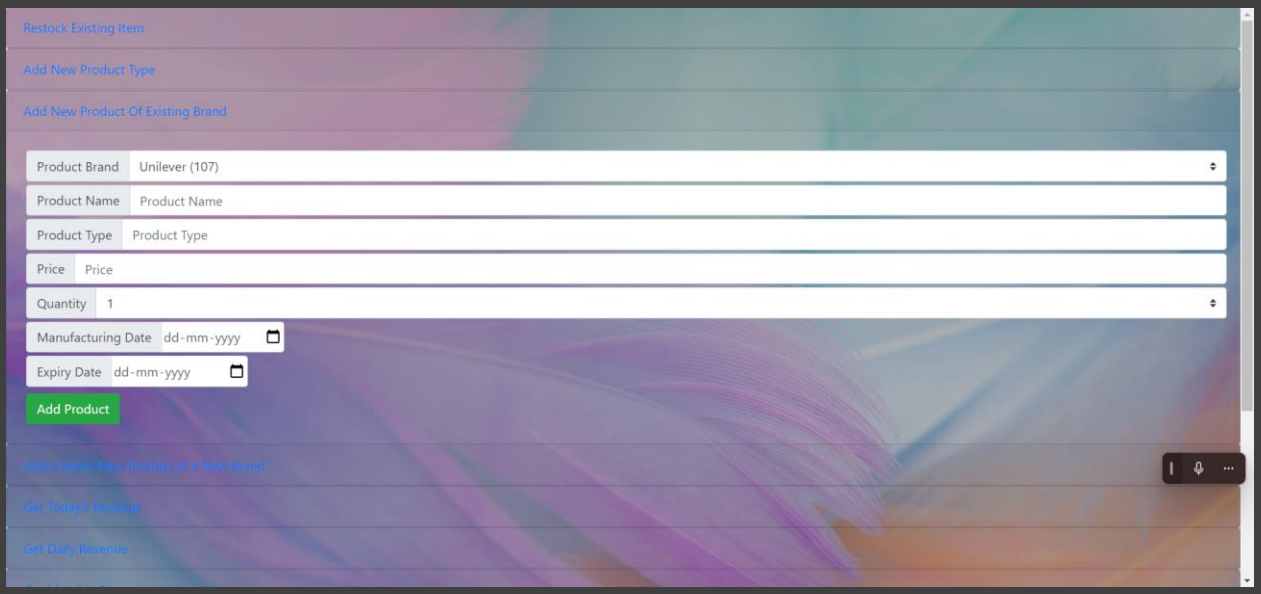
localhost:5000/admin

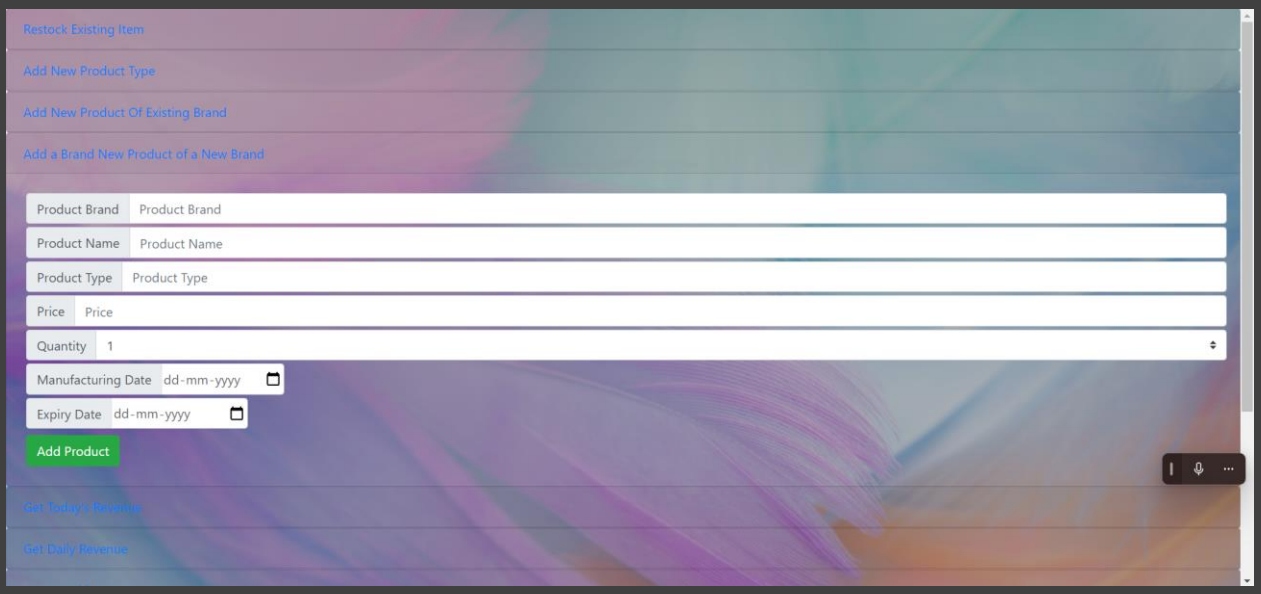
It is used for the job exclusive to the administrator. It includes adding and restocking of the product, getting today's/date/monthly/yearly revenue and to see the logs. To access the page the administrator needs to login every once the browser runs.

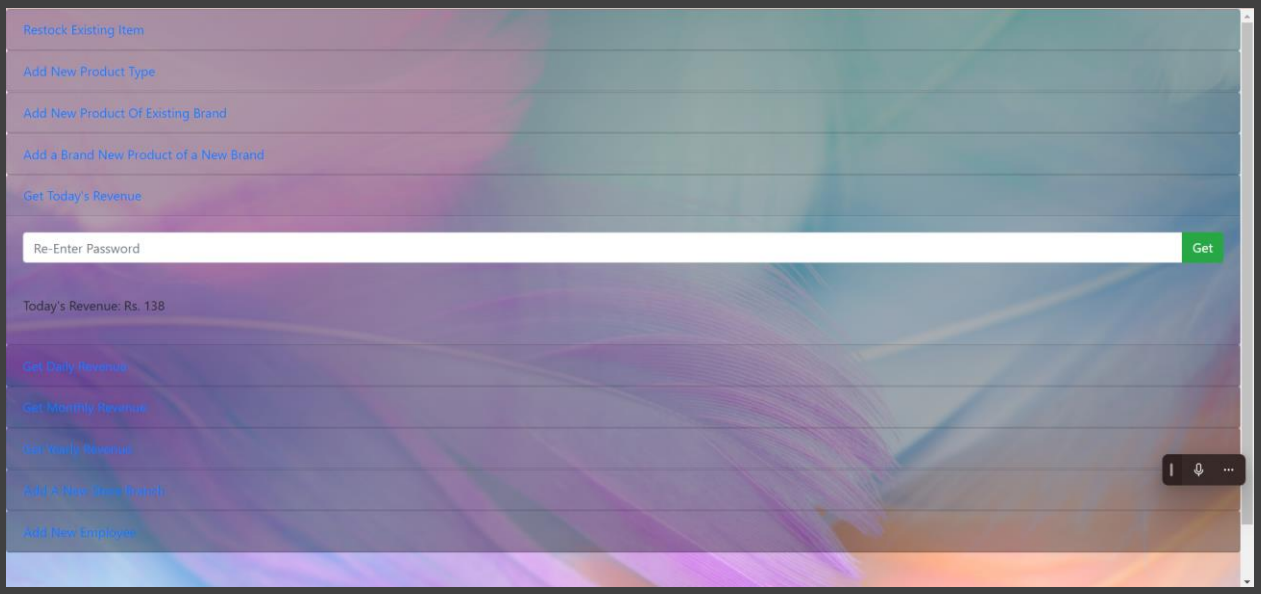


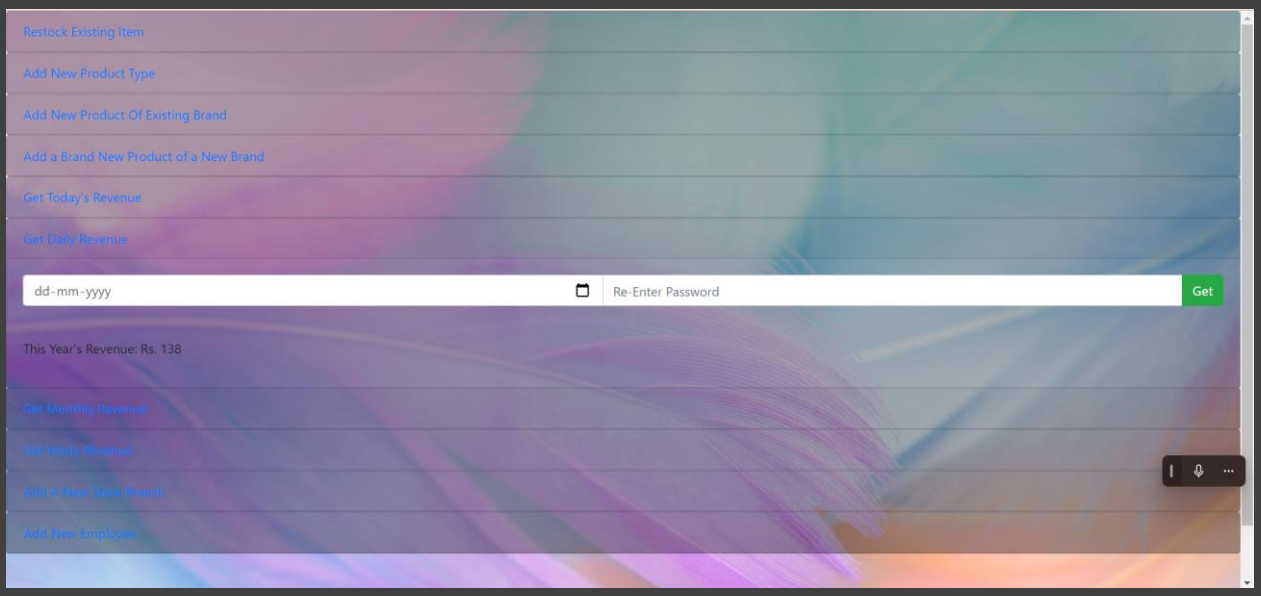


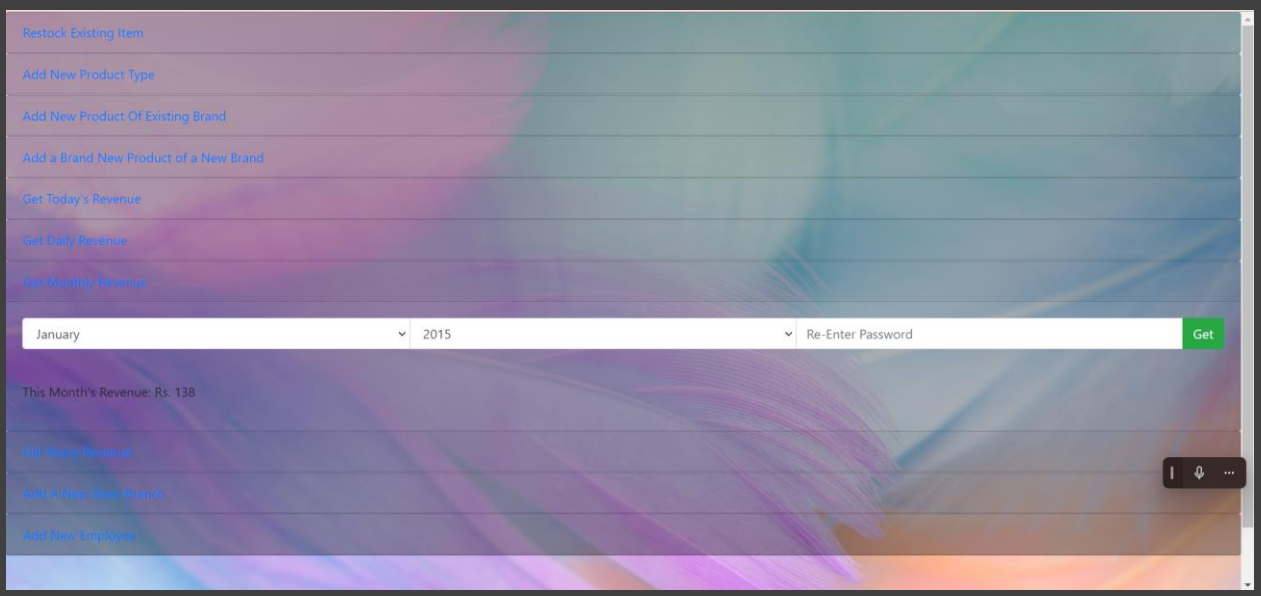

Restock Existing Item
Add New Product Type
Product Brand
Unilever (107)
Search Products
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue
Get Monthly Revenue
Get Yearly Revenue
Add A New Store Branch
Add New Employee

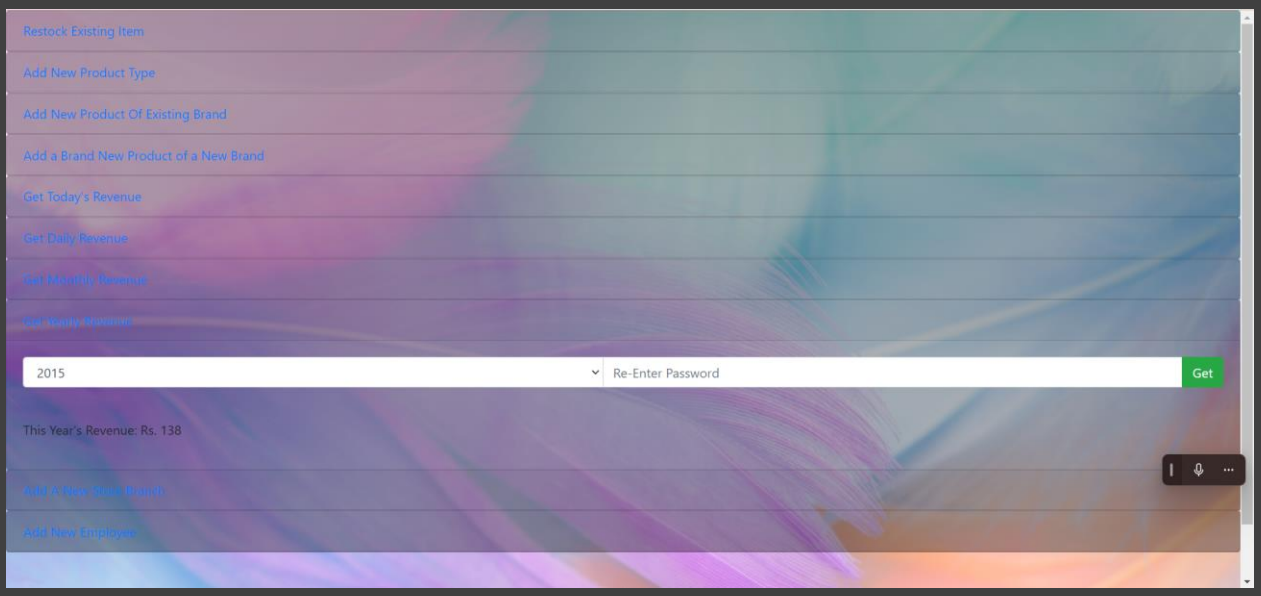

Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Product Brand
Unilever (107)
Product Name
Product Name
Product Type
Product Type
Price
Price
Quantity
1
Manufacturing Date
dd-mm-yyyy
Expiry Date
dd-mm-yyyy
Add Product
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue

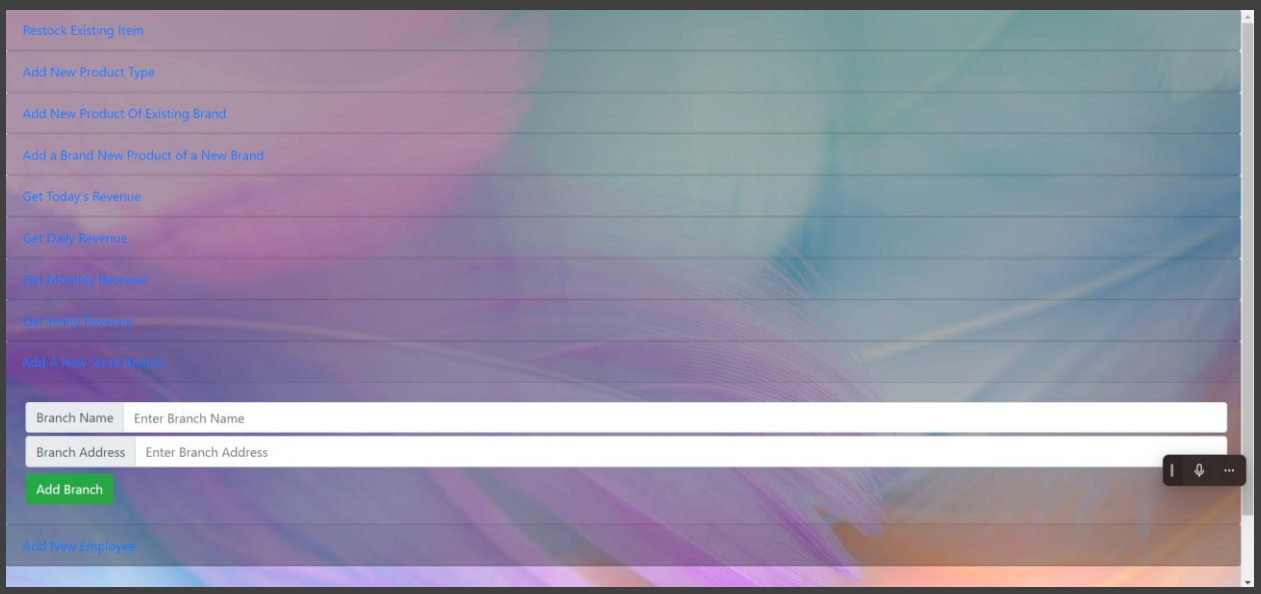

Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Product Brand
Product Brand
Product Name
Product Name
Product Type
Product Type
Price
Price
Quantity
1
Manufacturing Date
dd-mm-yyyy
Expiry Date
dd-mm-yyyy
Add Product
Get Today's Revenue
Get Daily Revenue

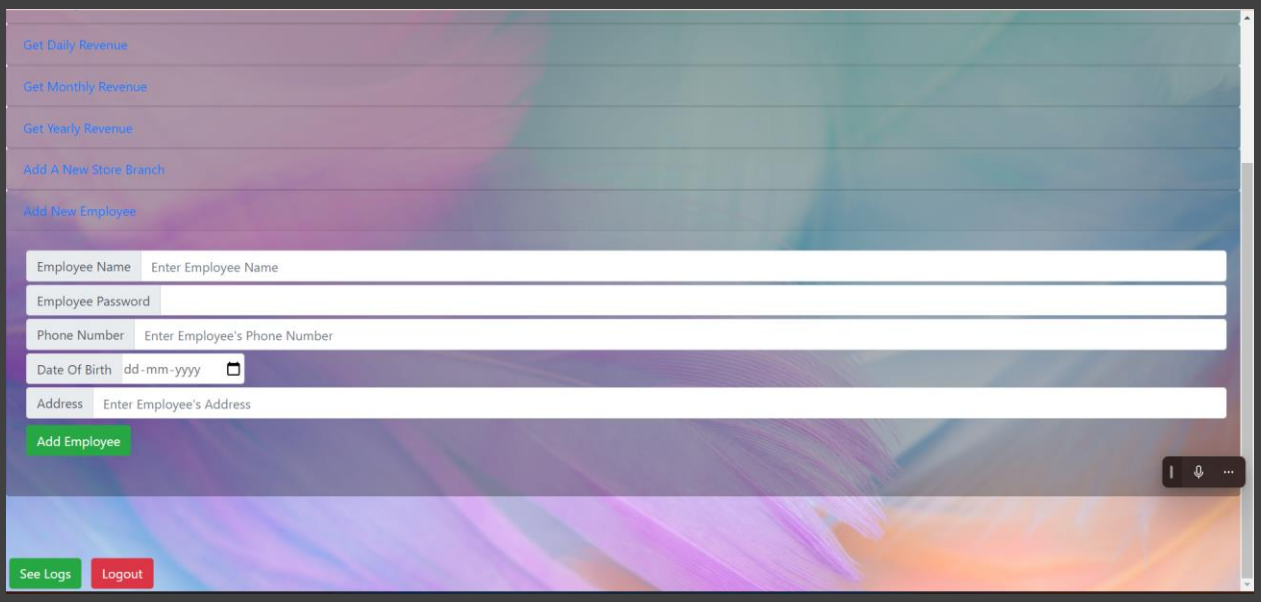

Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Re-Enter Password
Get
Today's Revenue: Rs. 138
Get Daily Revenue
Get Monthly Revenue
Get Yearly Revenue
Add A New Store Branch
Add New Employee

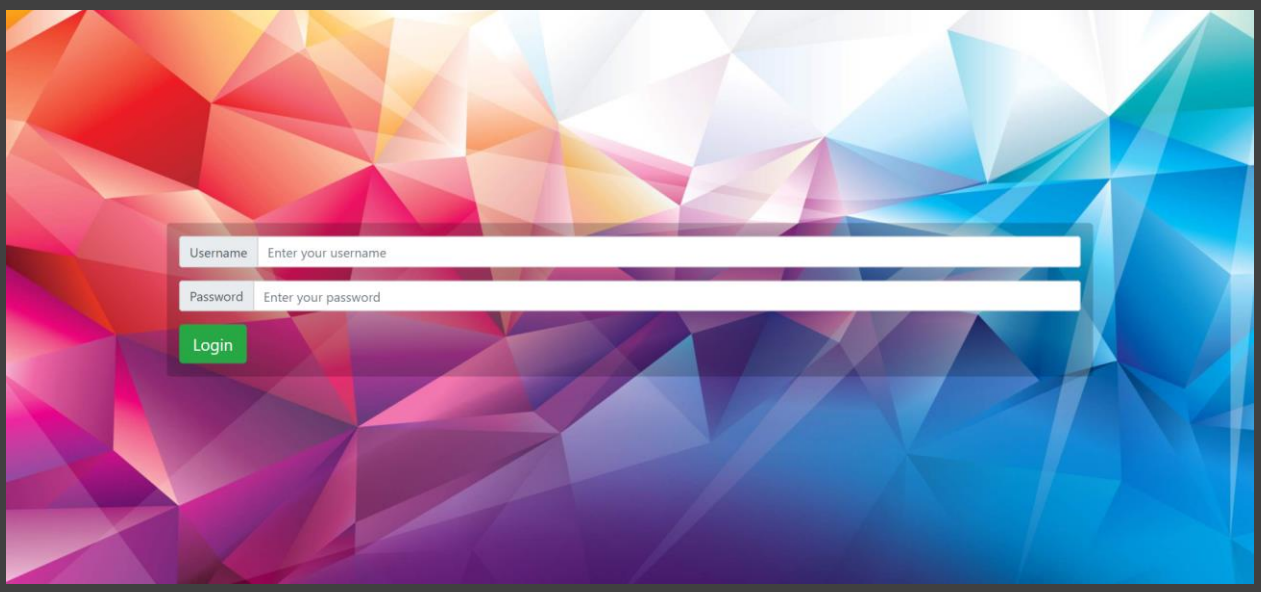

Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue
dd-mm-yyyy
Re-Enter Password
Get
This Year's Revenue: Rs. 138
Get Monthly Revenue
Get Yearly Revenue
Add a New Store Branch
Add New Employee


Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue
Get Monthly Revenue
January
2015
Re-Enter Password
Get
This Month's Revenue: Rs. 138
Get Yearly Revenue
Add a New Store Branch
Add New Employee


Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue
Get Monthly Revenue
Get Yearly Revenue
2015
Re-Enter Password
Get
This Year's Revenue: Rs. 138
Add A New Store Branch
Add New Employee


Restock Existing Item
Add New Product Type
Add New Product Of Existing Brand
Add a Brand New Product of a New Brand
Get Today's Revenue
Get Daily Revenue
Get Monthly Revenue
Get Yearly Revenue
Add A New Store Branch
Branch Name
Enter Branch Name
Branch Address
Enter Branch Address
Add Branch
Add New Employee

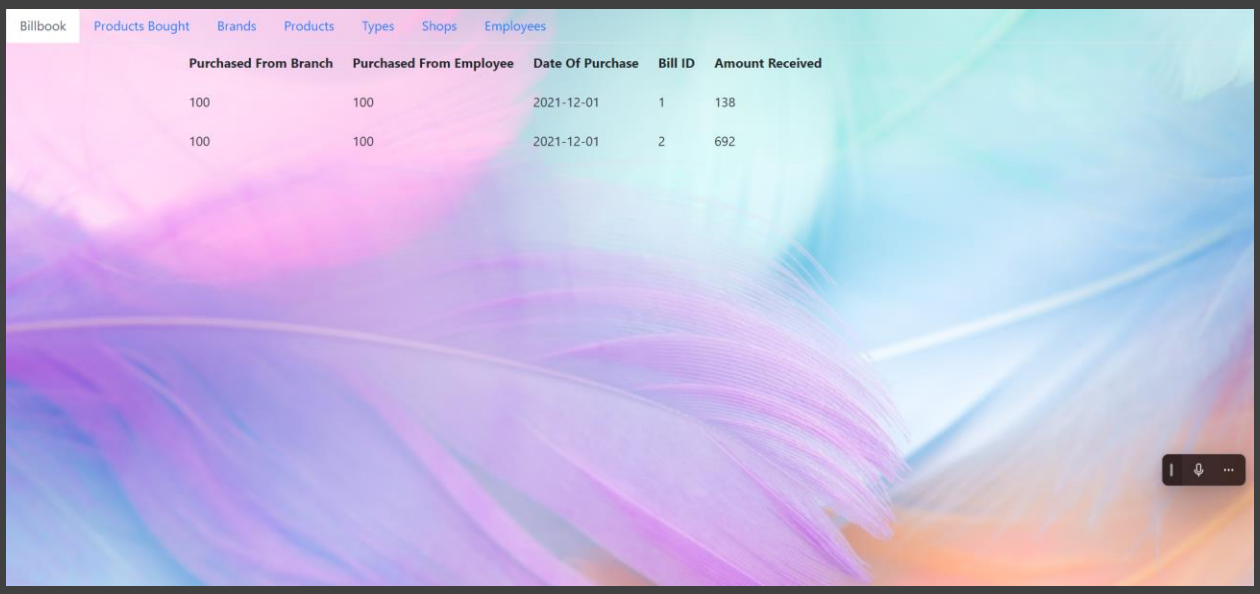

Get Daily Revenue
Get Monthly Revenue
Get Yearly Revenue
Add A New Store Branch
Add New Employee
Employee Name
Enter Employee Name
Employee Password
Phone Number
Enter Employee's Phone Number
Date Of Birth
dd-mm-yyyy
Address
Enter Employee's Address
Add Employee
See Logs
Logout

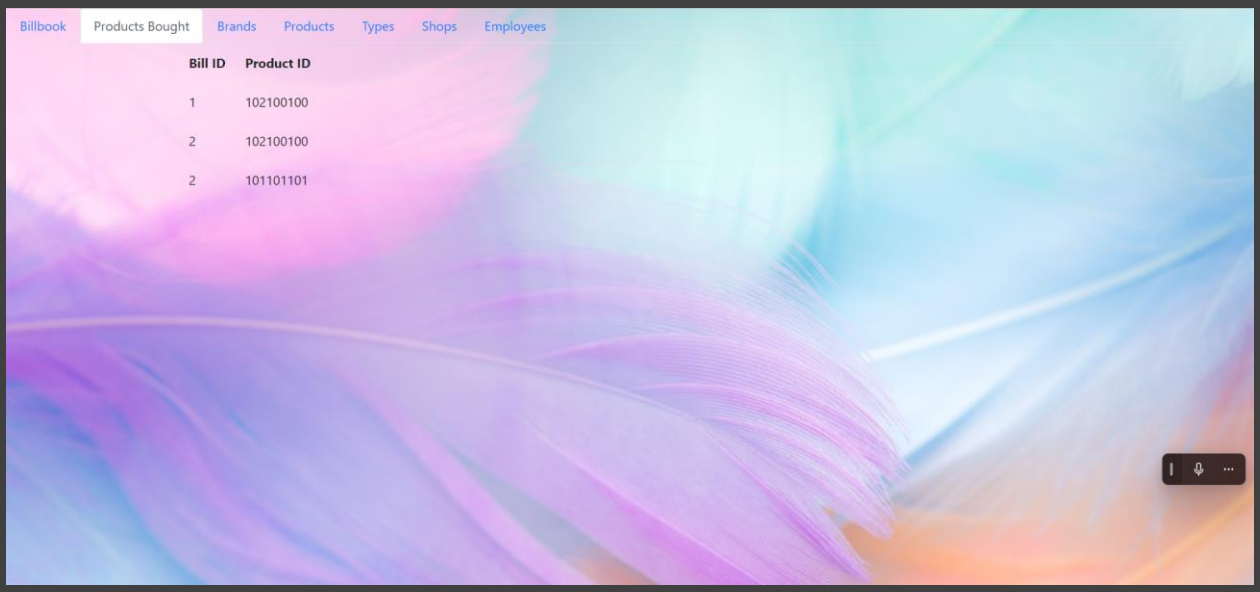

Username
Enter your username
Password
Enter your password
Login

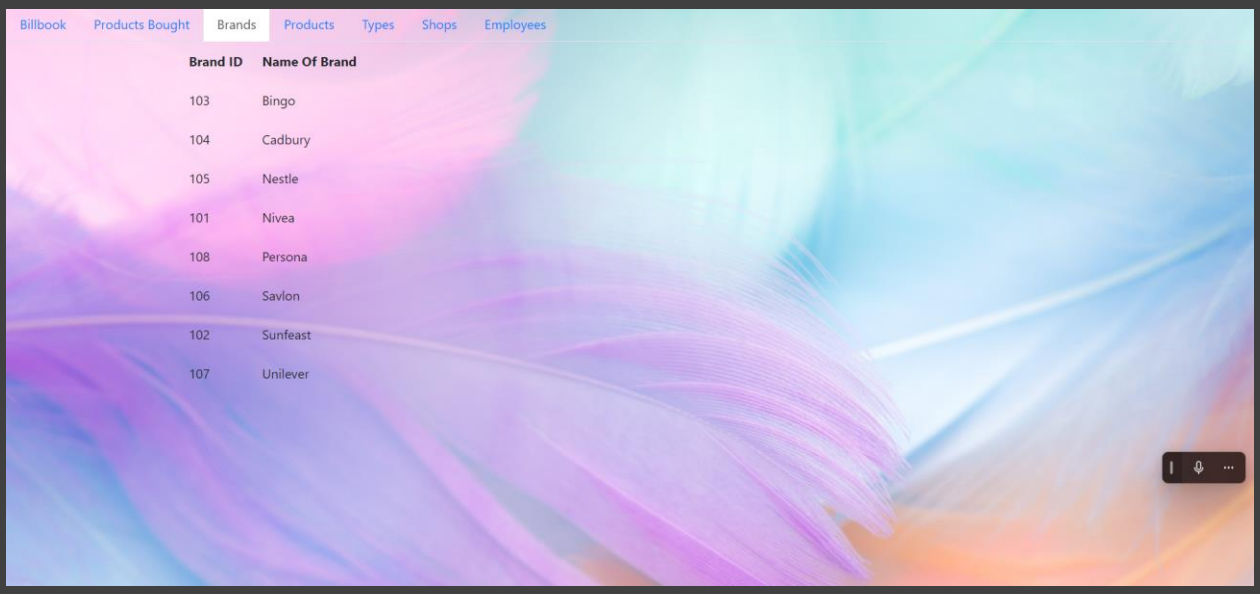
Username
N3GROUP2
Password
Login

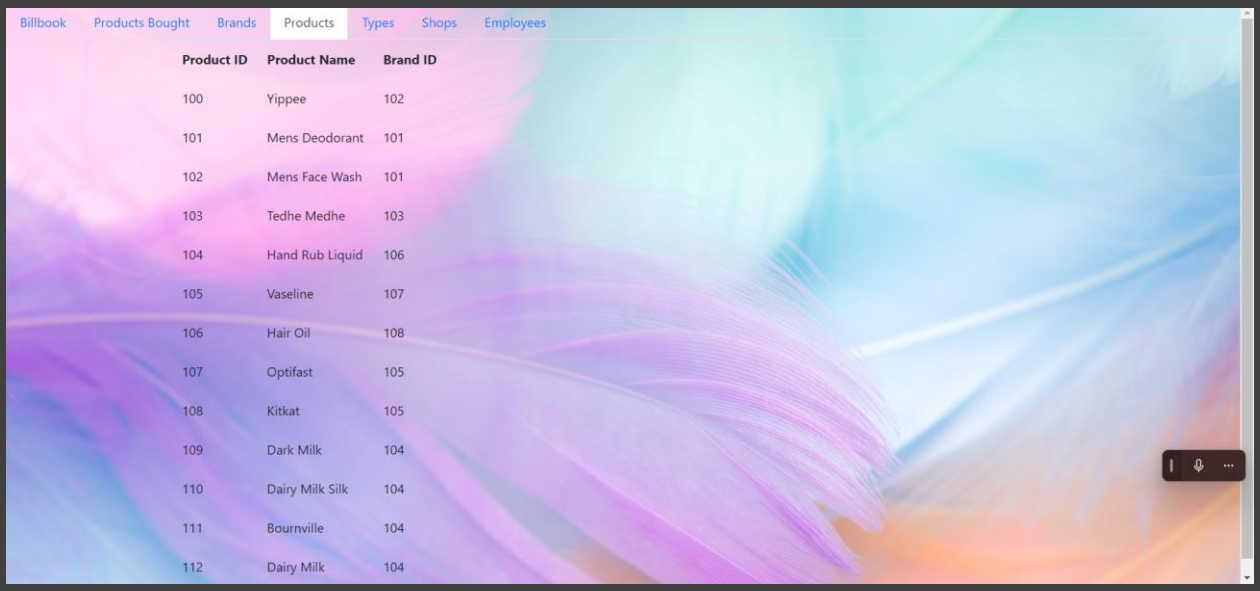
localhost:5000/logs

It is basically the whole database available in tabular format to the administrator. Accessing this also needs administrator verification.



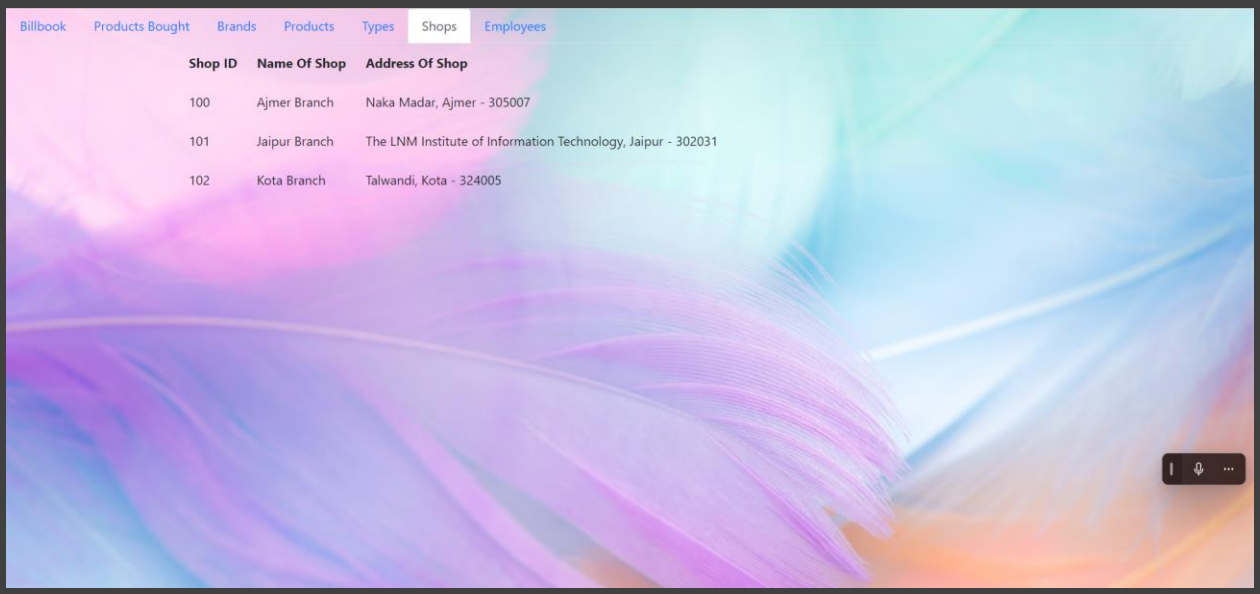



Billbook
Products Bought
Brands
Products
Types
Shops
Employees
Brand ID
Name Of Brand
103
Bingo
104
Cadbury
105
Nestle
101
Nivea
108
Persona
106
Savlon
102
Sunfeast
107
Unilever


Billbook
Products Bought
Brands
Products
Types
Shops
Employees
Product ID
Product Name
Brand ID
100
Yippee
102
101
Mens Deodorant
101
102
Mens Face Wash
101
103
Tedhe Medhe
103
104
Hand Rub Liquid
106
105
Vaseline
107
106
Hair Oil
108
107
Optifast
105
108
Kitkat
105
109
Dark Milk
104
110
Dairy Milk Silk
104
111
Bournville
104
112
Dairy Milk
104

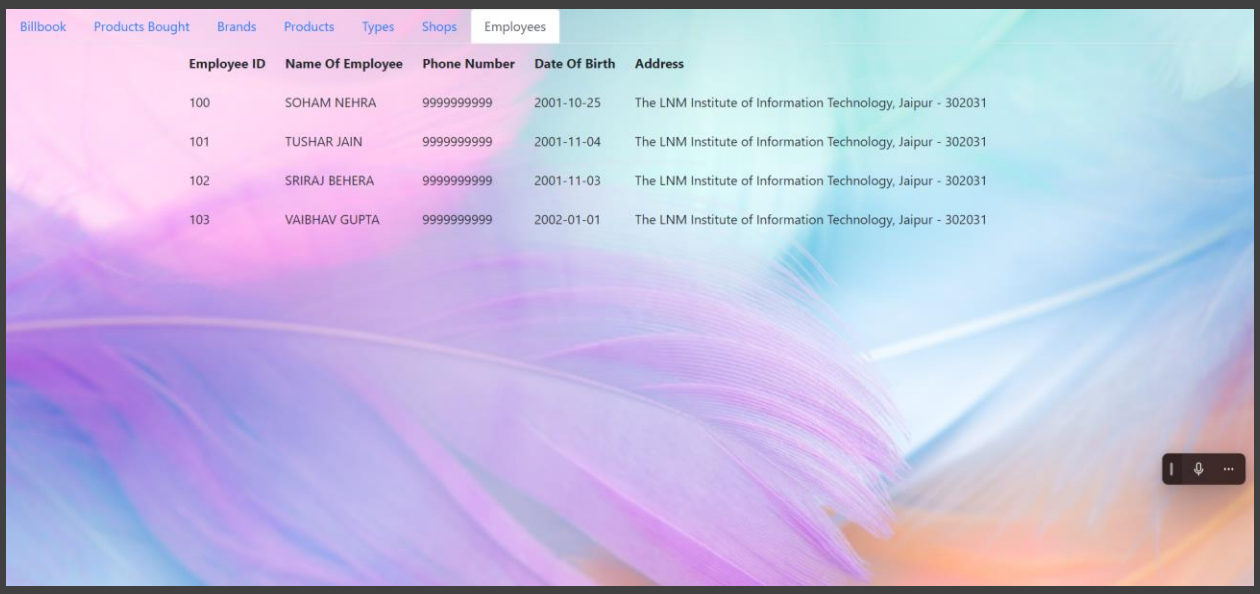
Billbook | Products Bought | Brands | Products | Types | Shops | Employees

Type ID	Name Of Type	Cost	Manufacturing Date	Expiry Date	Products Available	Product ID
100	Magic Masala - 280 g	46	2021-10-10	2022-10-10	0	100
101	42K - 150 mL	200	2021-10-15	2022-05-10	3	101
102	Acne - 100 mL	159	2021-10-24	2022-04-24	0	102
103	Protect&Care - 150 mL	119	2021-08-15	2022-02-15	8	101
104	Oil Control - 100 mL	159	2021-10-22	2022-04-22	10	102
105	Oil Control, 10x Vitamin C - 100 mL	159	2021-10-23	2022-04-23	1	102
108	200 mL	100	2020-05-01	2022-04-30	10	104
109	Skin Protecting Gel - 50mL/42gm	79	2021-07-01	2024-06-30	5	105
110	Amla - 200 mL	80	2020-12-01	2022-11-30	4	106
111	400g Pet Jar Pack (Vanilla Flavour)	1399	2021-11-01	2022-10-31	5	107
112	400g Pet Jar Pack (Chocolate Flavour)	1499	2021-09-01	2022-08-30	0	107
113	Kitkat 3 Fingers Bar- 770g (Pack of 28)	504	2020-02-01	2021-01-31	5	108
114	Kitkat Pack of 36 pc Of 2 fingers Each Made In UK	700	2020-02-01	2021-01-30	0	108



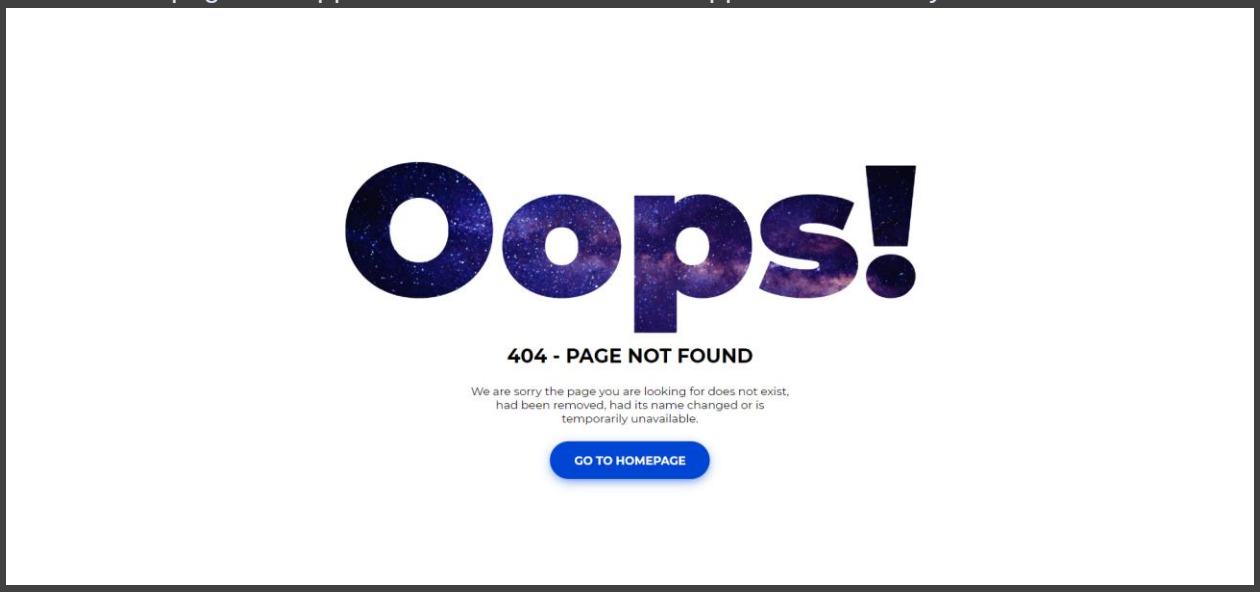
Billbook | Products Bought | Brands | Products | Types | Shops | Employees

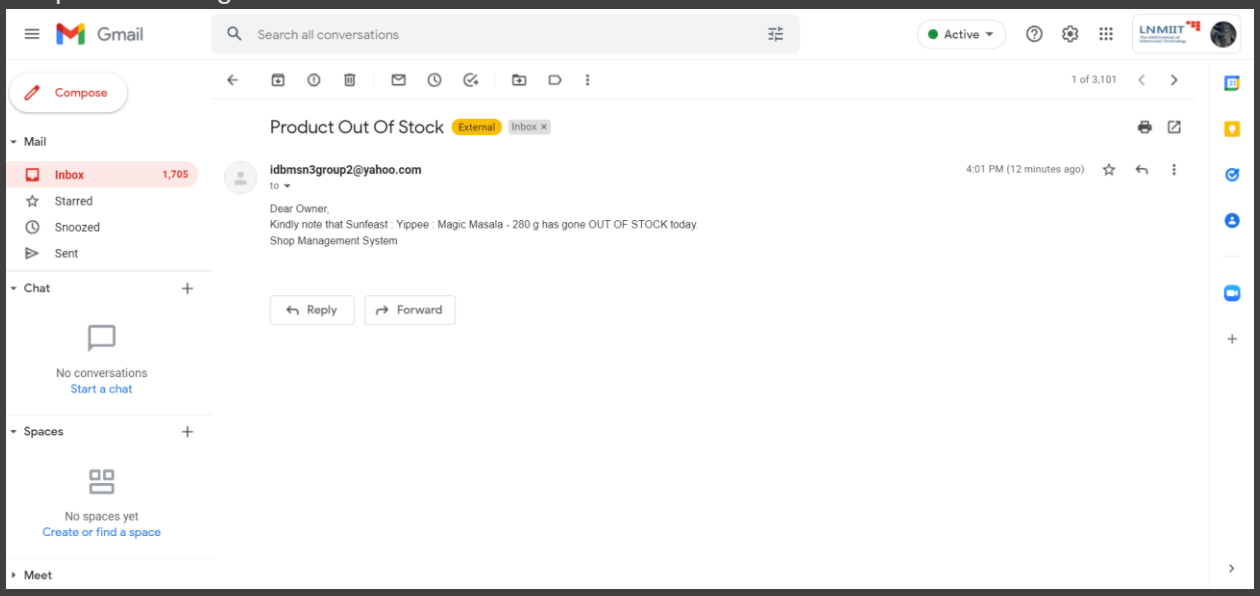
Shop ID	Name Of Shop	Address Of Shop
100	Ajmer Branch	Naka Madar, Ajmer - 305007
101	Jaipur Branch	The LNM Institute of Information Technology, Jaipur - 302031
102	Kota Branch	Talwandi, Kota - 324005


Billbook
Products Bought
Brands
Products
Types
Shops
Employees
Employee ID
Name Of Employee
Phone Number
Date Of Birth
Address
100
SOHAM NEHRA
9999999999
2001-10-25
The LNM Institute of Information Technology, Jaipur - 302031
101
TUSHAR JAIN
9999999999
2001-11-04
The LNM Institute of Information Technology, Jaipur - 302031
102
SRIRAJ BEHERA
9999999999
2001-11-03
The LNM Institute of Information Technology, Jaipur - 302031
103
VAIBHAV GUPTA
9999999999
2002-01-01
The LNM Institute of Information Technology, Jaipur - 302031

Error Page

It is the web page that appears when error code 404 appears due to any reasons.



Email

Whenever the product goes out of stock, the website sends the admin/user an email stating that the product has gone out of stock.