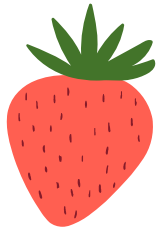
Green Grocery

An Online Grocery Store

Group No: 30



Group Members :

Neeraj Dusa - S20190010047
Harish Mullagura - S20190010124
Anirudh Jakhotia - S20190010007
Rakesh Ganeshula - S20190010052
Jayanth Sri Ram Kanduri - S20190010084

Project Business Cases:

Problem Motivation

01

The main motivation of the project is to help the farmers to sell their products at a fair price and to provide customers healthy and fresh vegetables, fruits and dairy products at low prices.

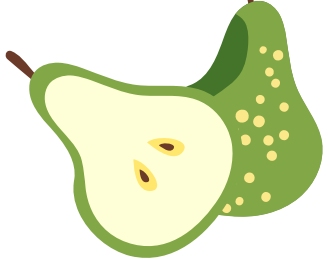
Problem Statement

In these present situations, it is difficult for farmers to sell their products at a fair price in markets. Customers are buying hybrid fruits and vegetables which are not good for health which contains harmful substances. Customers are buying products at high price than market price.

Problem Solution

Farmers can sell fruits, vegetables and dairy products at fair market prices on our website and customers can buy directly organic products from farmers through the website which are fresh and healthy for the body.

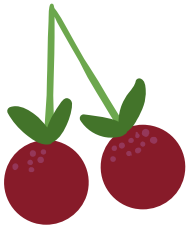
Project Overall Idea :



Farmers can contact GreenGrocery website and can sell their vegetables, fruits and dairy products at fair prices. The process includes, firstly, the delivery guy pick their products and the management staff are responsible for updating these products on the website. Users can login into the website and can buy organic fruits, vegetables and dairy products which are very fresh and healthy that came directly from farmers. Users can then select their required products and respective quantity of each product and add them to the cart. After adding to the cart, User can checkout and fill in the shipping details and enter payment details. After successful transaction, user will get order confirmation and tracking link. Users can resolve their queries in the Contact Us section.

Unique features of website & How this website is different from Other Websites?

- *Unique and friendly UI / UX*
- *There is no website with similar idea or similar UI / UX*
- *Many websites sell the Hybrid products, but we are selling natural organic healthy products.*
- *This website directly contact with farmers and take products directly from them with no intermediate. No other website is currently doing it.*
- *Free of bugs*
- *Give Farmer a gift every month who donates the more quality of vegetables,fruits and dairy products*
- *Rapid and safe COVID preventive measures taken care while delivery*
- *Management team will personally go and make dealership with farmers for wide range of varieties of products*
- *This website will provide funds for farmers by giving some share of profit collected through the website.*



Function Description

Modules : 8

Module 1: UI/UX Design

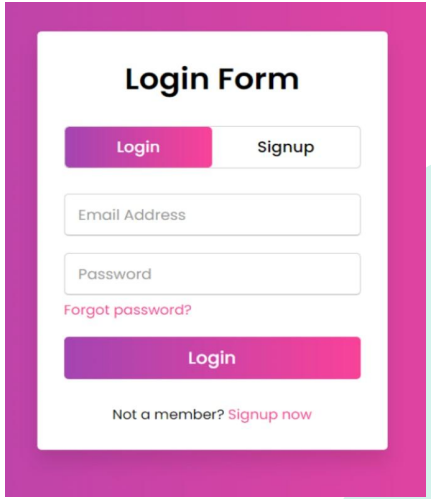
This is the first and important module in developing our website. An interactive UI/UX makes customer satisfied.

Module 2: Login/SignUp

The existing users of our website can Log In through username and password in this section. Now, If you are a new user around here, you can sign up by providing name, mail-id and username. The user-id and password will be added to database and will be maintained securely through some hash and salt techniques

Module 3: Authentication

We have to use certain API's for connecting to the application and providing an Interface for Authentication Purpose.

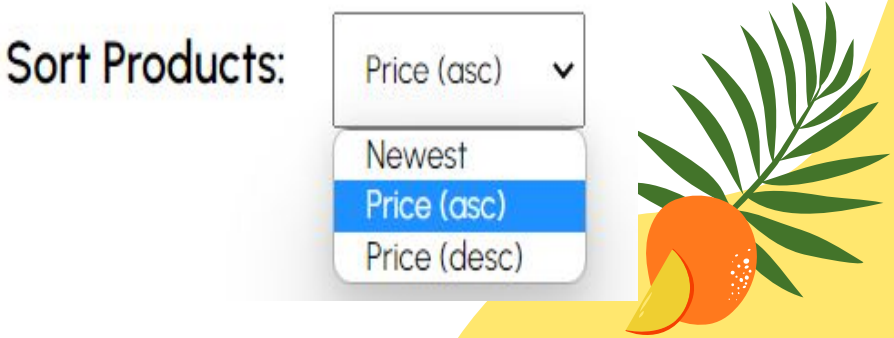


Module 4: Database Management

We used MongoDB for maintaining the back-end of our website. By this, we connected to database and perform CRUD operations and maintain user records and farmer products and contact us queries.

Module 5:
Product Categories and Navigation

In this module, color and prices are displayed using a drop down menu and the user can navigate through the category they want and filter/sort the products.

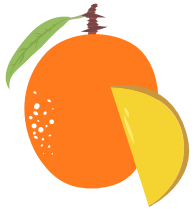


Module 6: User Needs

On Choosing:

- ¨**Shop Vegetables**" will lead to where there will be vegetable products along with filter. The users can now select the desired vegetables and their quantity and add them to the cart
- "**Shop Fruits**" will lead to where there will be Fruit products along with filter. The users now can now select the desired vegetables and their quantity and add them to the cart
- "**Shop Dairy Products**" will lead to where there will be Dairy products along with filter. The users can now select the desired vegetables and their quantity and add them to the cart.

Module 7: Product Page



- In this page, one can find all particular category products like vegetables or fruits or dairy products along with filters.
- For each vegetable ,there are details of the product in this section with product name, description, price and selection of quantity.
- The products can be added to the cart proceeding with a checkout form including shipping address and then the payment of the order can be done.

Module 8:
Deployment and Hosting

- We will test our website for 2-3 weeks before deploying it for finding any bugs in the functionality of website.

- We currently have hosted our website on GitHub and will deploy it on cloud based services such as Heroku.

Preliminary Work

Before Starting Project

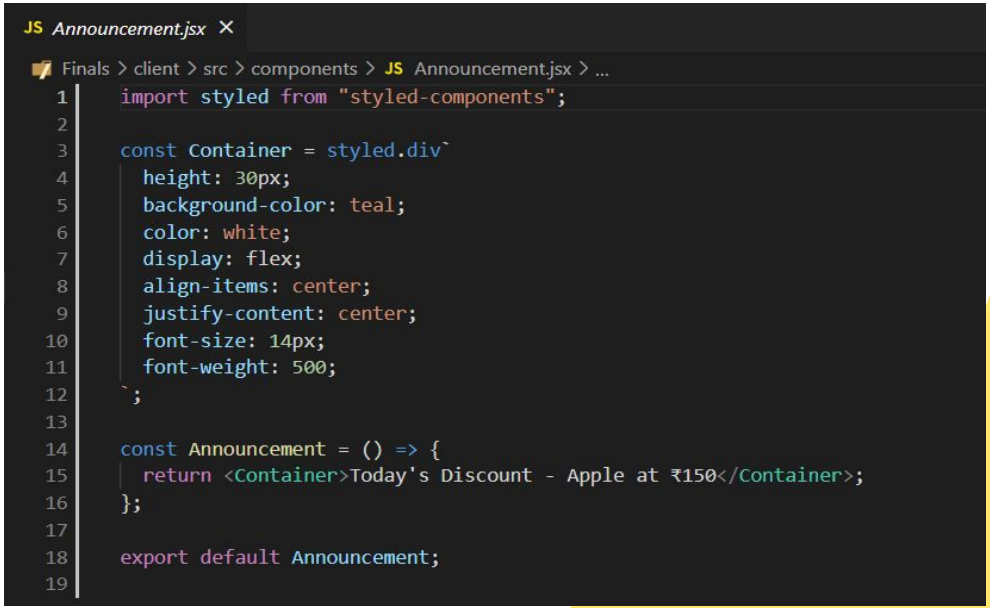
- We drew an outline of our website
- We searched for places where people require the organic food most
- We will tie-up with delivery companies
- We will collaborate with other websites
- We will initially collect few products and provide them as a catalog to the users

React Components Used

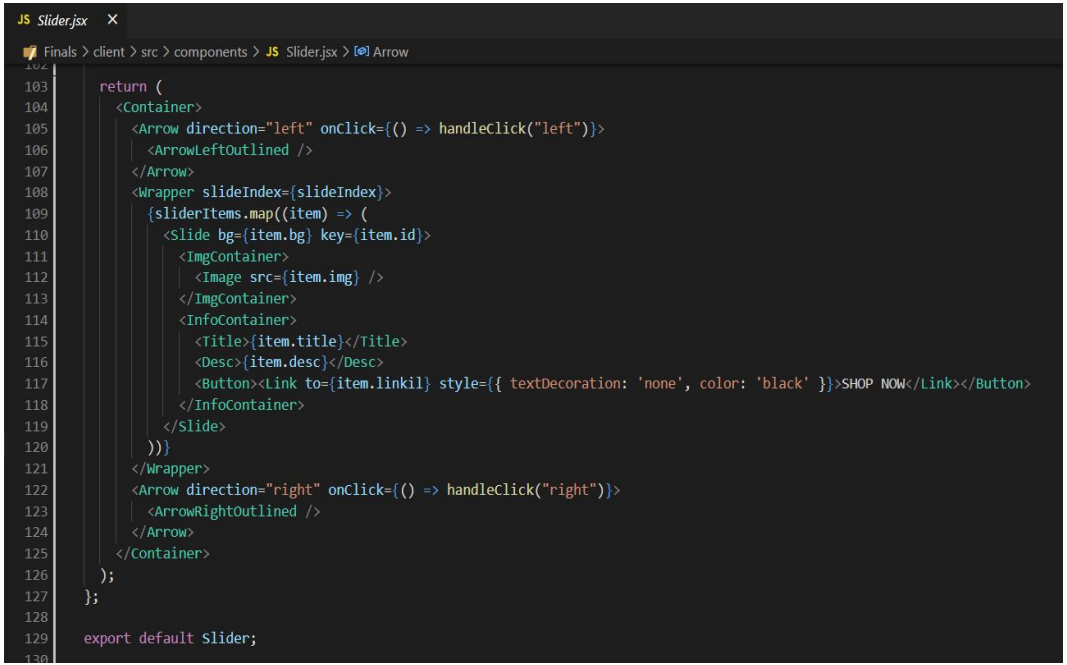
This is an example of Functional Component used. By writing a javascript function, we can create a functional components in React App.

Functional Components used :

Announcement
Navbar
Slider
Categories
Products
Newsletter
Footer

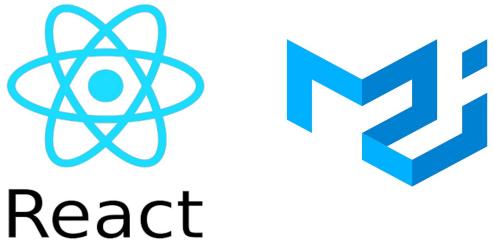


- React Higher-Order Components are popular advanced React pattern to deploy reusable logic and functionality across React components.
- Here, in the slider component we used the function takes an array, usually from state which was retrieved from backend with ***fetch*** or from props passed down from parent component, and ***maps*** each element in the array, transforming each element in the array into a React component.



React-UI Elements used:

React Material -UI



- React Material-UI is a set of React components that implements Google's Material Design.
- Material-UI is a library that allows us to import and use different components to create a user interface in our React application
- Material UI comprises lots of configurable and accessible UI widgets and saves a lot of time.

We used Material-ui icons in many components. For example, In Navbar component we used for Search, Badges at the top right corner in Navbar.

Imports :

JS Navbar.jsx X

Finals > client > src > components > JS Navbar.jsx > ...

```
1  import { Badge } from "@material-ui/core";
2  import { Search, ShoppingCartOutlined } from "@material-ui/icons";
```

In code customization :

```
<Link to="/cart">
  <MenuItem>
    <Badge badgeContent={quantity} color="primary">
      <ShoppingCartOutlined />
    </Badge>
  </MenuItem>
</Link>
```

Rendered on Website :

Green Grocery

localhost:3000

Today's Discount - Apple at ₹150

Search

Green Grocery

REGISTER SIGN IN

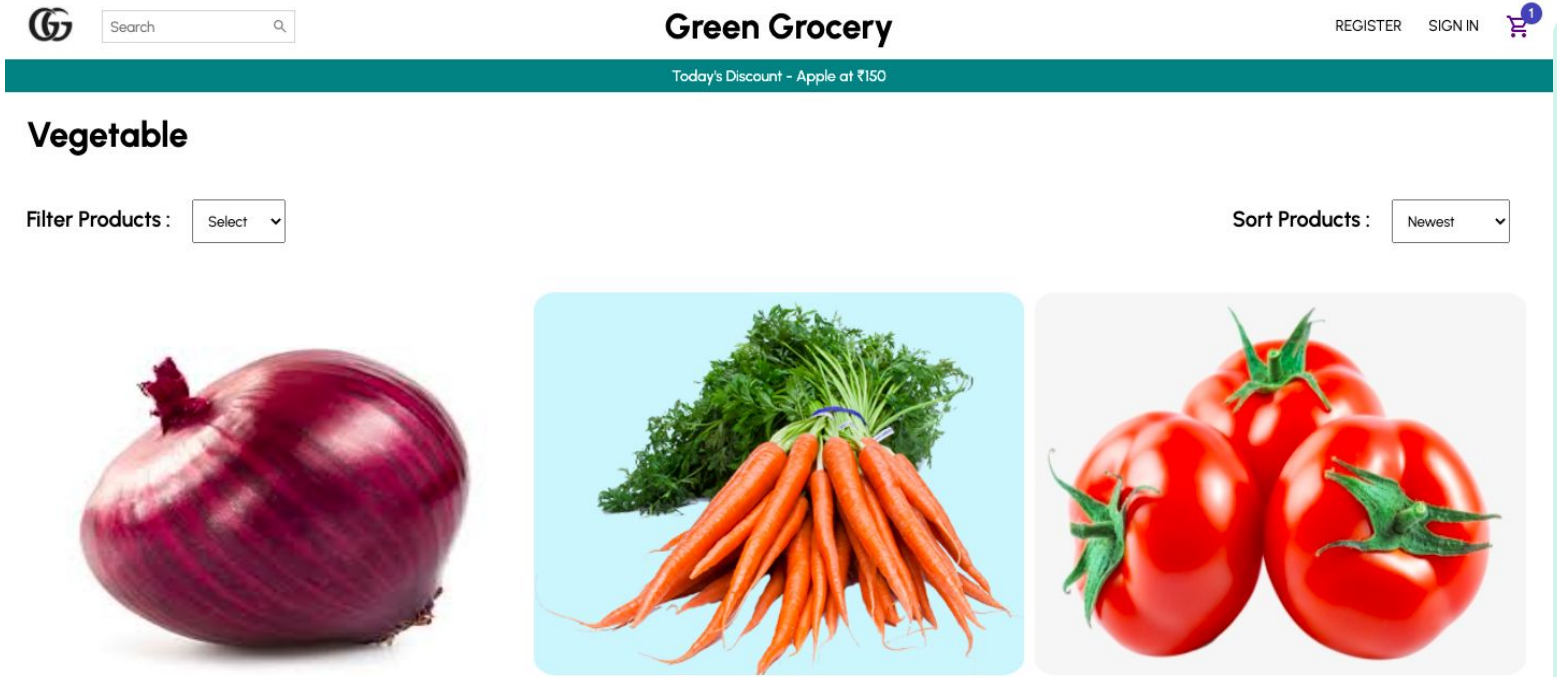
Autumn Fruits Discount

DON'T COMPROMISE ON Fresh Fruits!
GET FLAT 30% OFF for above ₹1000.

SHOP NOW

Views - Involves calls to backend to fetch data and display it to the user

Vegetables View Page



Fruits View Page

Search

Green Grocery

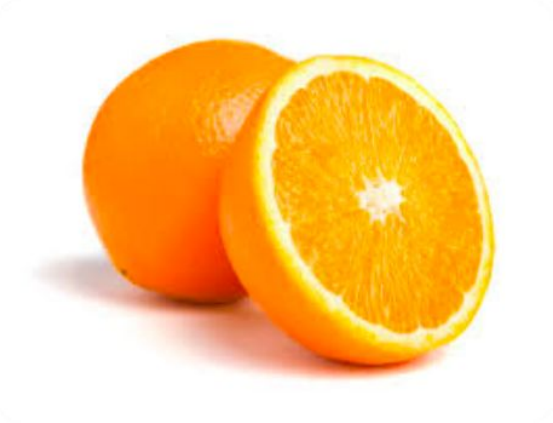
REGISTER SIGN IN 1

Today's Discount - Apple at ₹150

Fruit

Filter Products : Select

Sort Products : Newest



Dairy Product View Page

Search

Green Grocery

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Today's Discount - Apple at ₹150

Dairy

Filter Products : Select

Sort Products : Newest

Detailed Product View Page

Green Grocery

SHOP Hello, JAYANTH **Logout**

Today's Discount - Apple at ₹150

Apple

An apple is an edible fruit produced by an apple tree. Apple trees are cultivated worldwide and are the most widely grown species in the genus Malus. The tree originated in Central Asia, where its wild ancestor, Malus sieversii, is still found today.

₹ 150

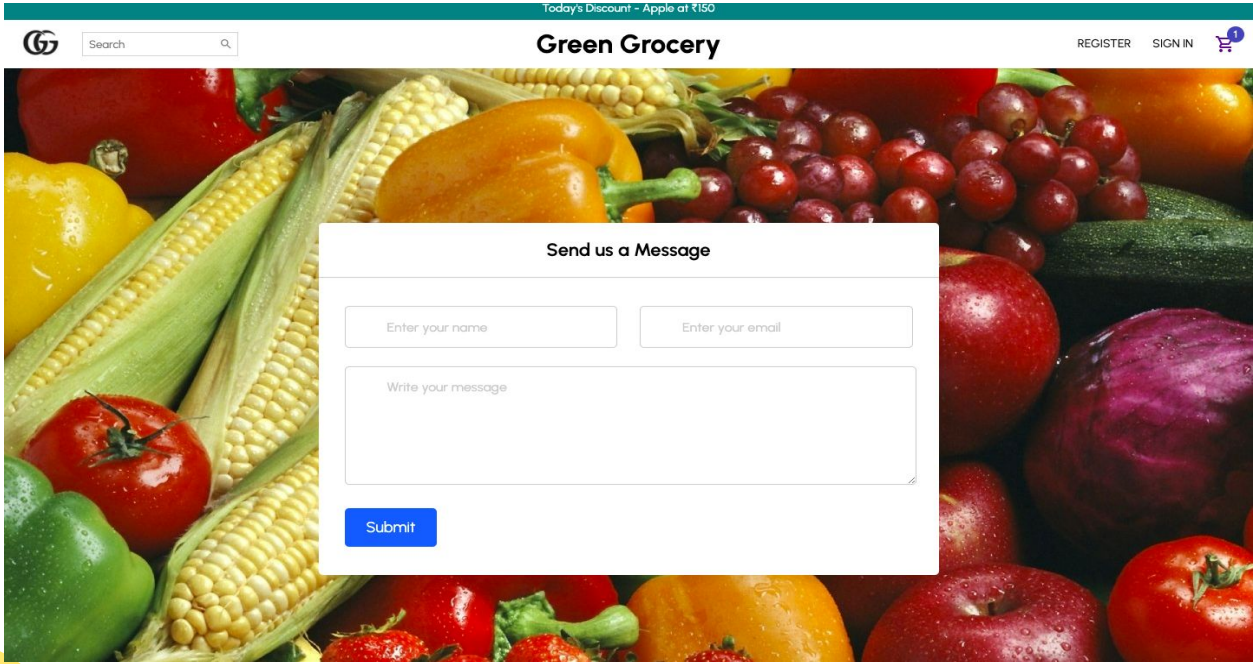
Color

− 1 +

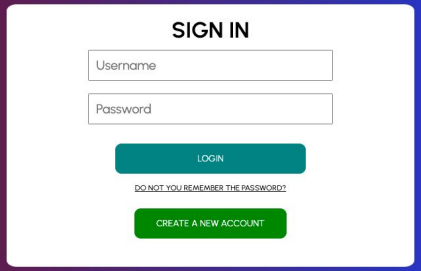
ADD TO CART

Form -Involves presenting a form to collect user-input, validate, process and post to the backend server

Contact Form Page

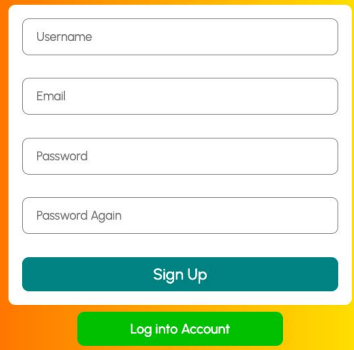


Log In



Green Grocery

Connect with Farmers and the world around you on Green Grocery.



Sign Up

Account Details

Green Grocery

Hello, NEERAJ **Logout**

Today's Discount - Apple at ₹150

Account Details

neeraj

User

neeraj

2021-11-15T12:14:48.974Z

Contact Details

+1 123 456 67

yguvy@gmail.com

India

Account Details

Username

neeraj

Email

yguvy@gmail.com

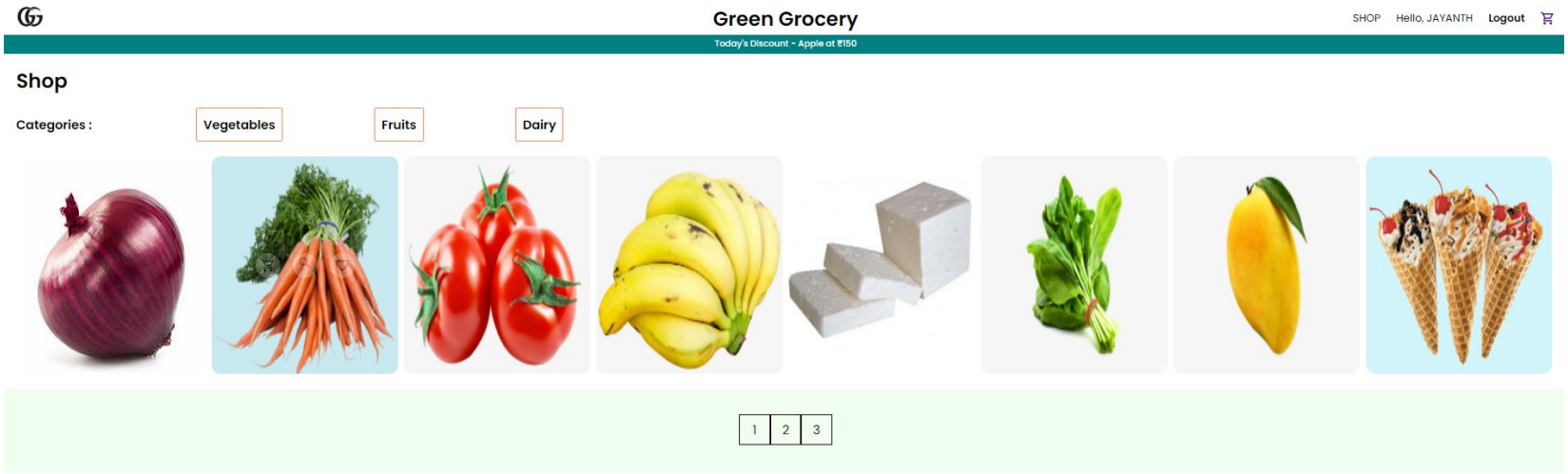
Phone

+1 123 456 67

Address

India

Shop page with pagination



Cart

localhost:3000/cart

Green Grocery

SHOP Hello, NEERAJ **Logout** 3

Today's Discount - Apple at ₹150

YOUR BAG

CONTINUE SHOPPING

Product: Mango

Quantity: 2

₹ 80

Product: Guava

Quantity: 1

₹ 50

Product: Tomato

Quantity: 2

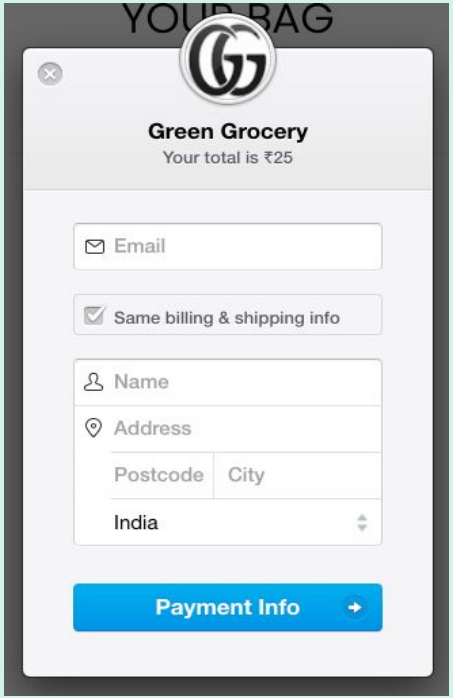
₹ 80

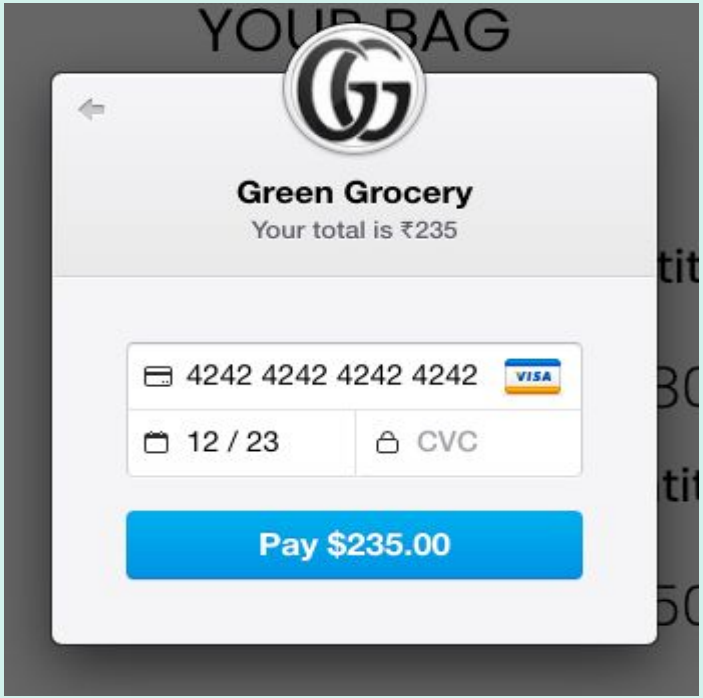
ORDER SUMMARY

Subtotal	₹ 210
Estimated Shipping	₹ 30.90
Shipping Discount	₹ -5.90
Total	₹ 235

CHECKOUT NOW

Payment and success





Order has been created successfully. Your order number is 61dabbd6facf515e03fb526e

Go to Homepage

About us

Green Grocery

REGISTER SIGN IN 1

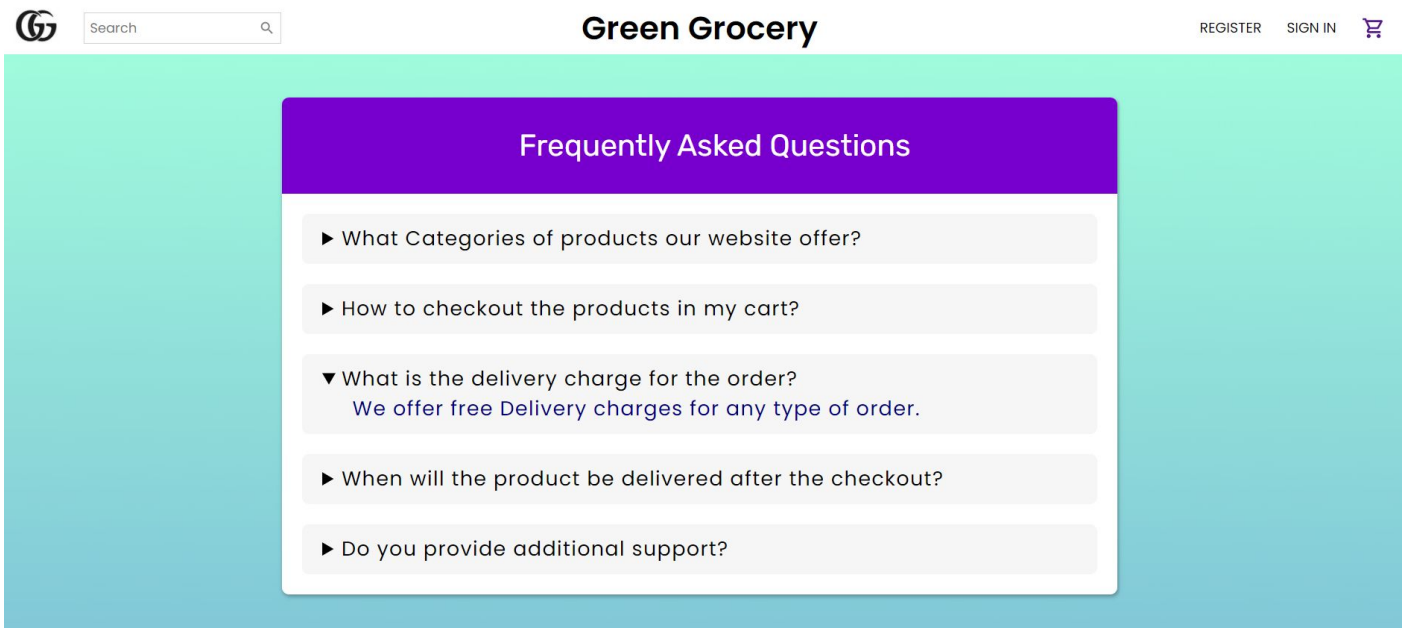
ABOUT US

In these present situations, it is difficult for farmers to sell their products at a fair price in markets. Customers are buying hybrid fruits and vegetables which are not good for health which contains harmful substances. Customers are buying products at high price than market price.

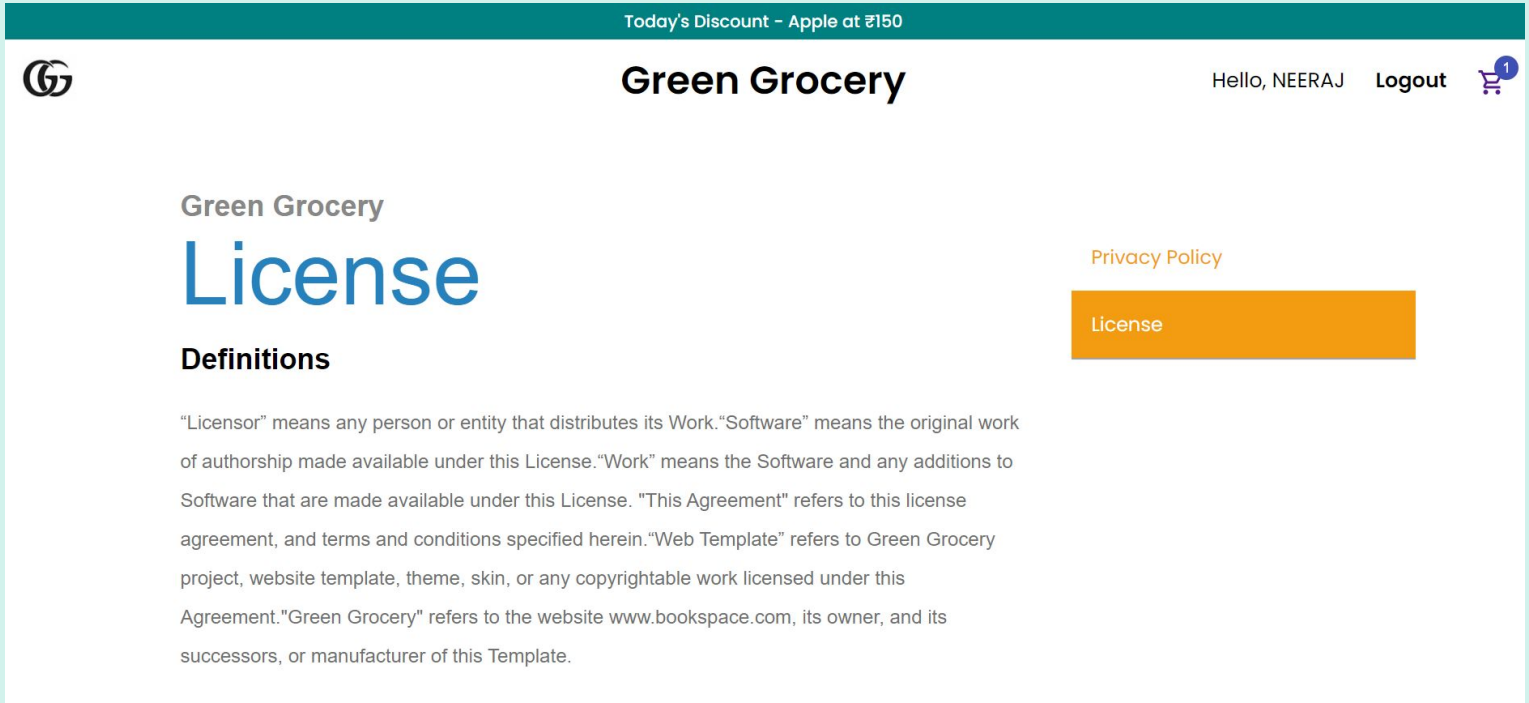
With the help of this website farmers can sell fruits, vegetables and dairy products at fair market prices on our website and customers can buy directly organic products from farmers through the website which are fresh and healthy for the body.

Contact Us

Frequently Asked Questions (FAQ)



License


Today's Discount - Apple at ₹150
Green Grocery
Hello, NEERAJ
Logout
1
Green Grocery
License
Privacy Policy
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Definitions
“Licensor” means any person or entity that distributes its Work.“Software” means the original work of authorship made available under this License.“Work” means the Software and any additions to Software that are made available under this License. "This Agreement" refers to this license agreement, and terms and conditions specified herein.“Web Template” refers to Green Grocery project, website template, theme, skin, or any copyrightable work licensed under this Agreement."Green Grocery" refers to the website www.bookspace.com, its owner, and its successors, or manufacturer of this Template.

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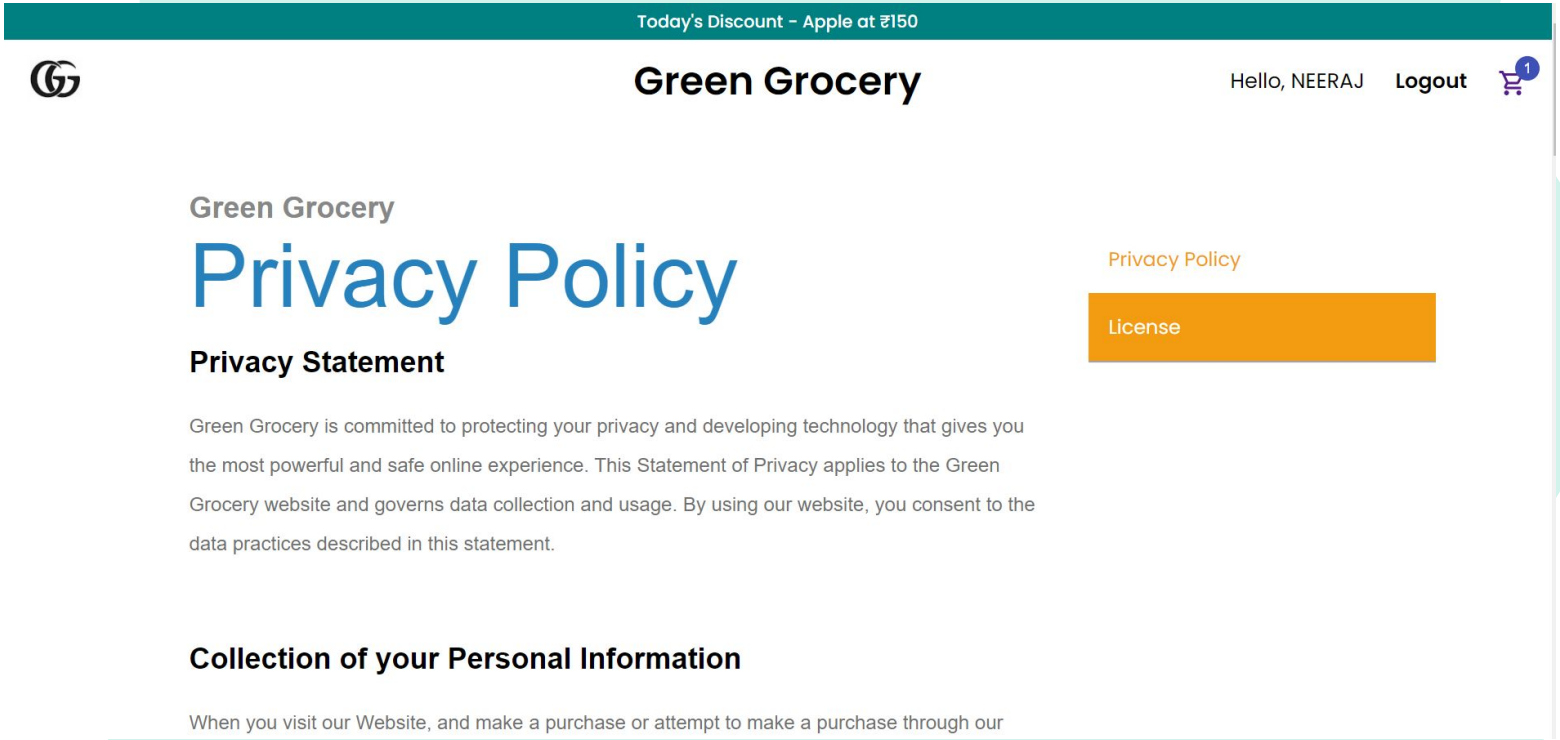
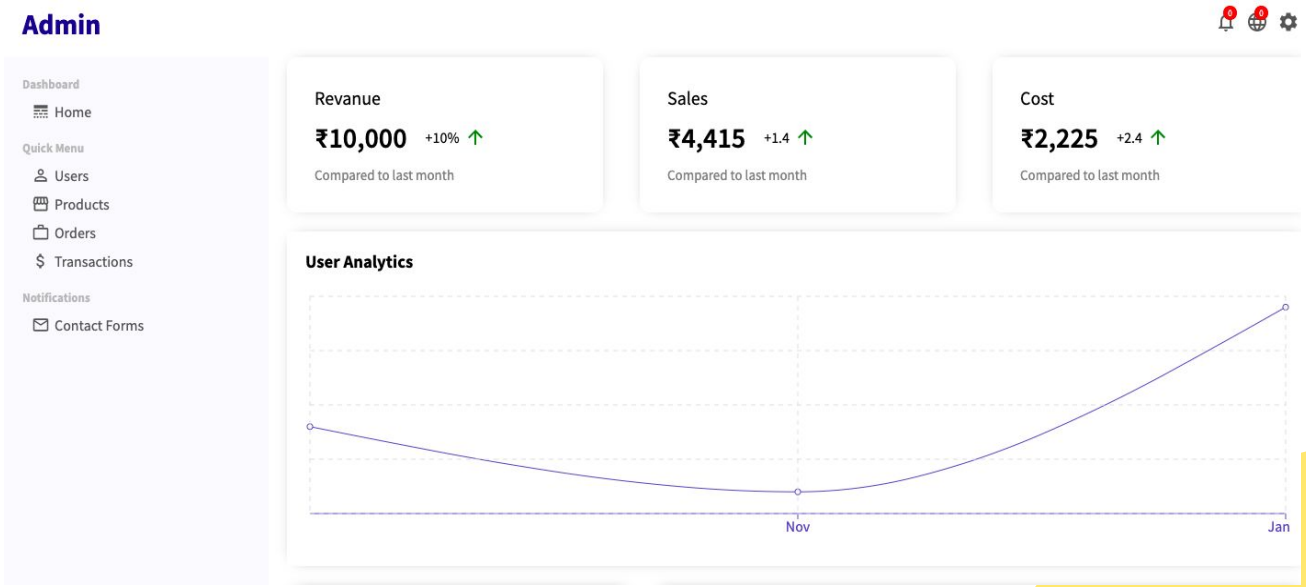
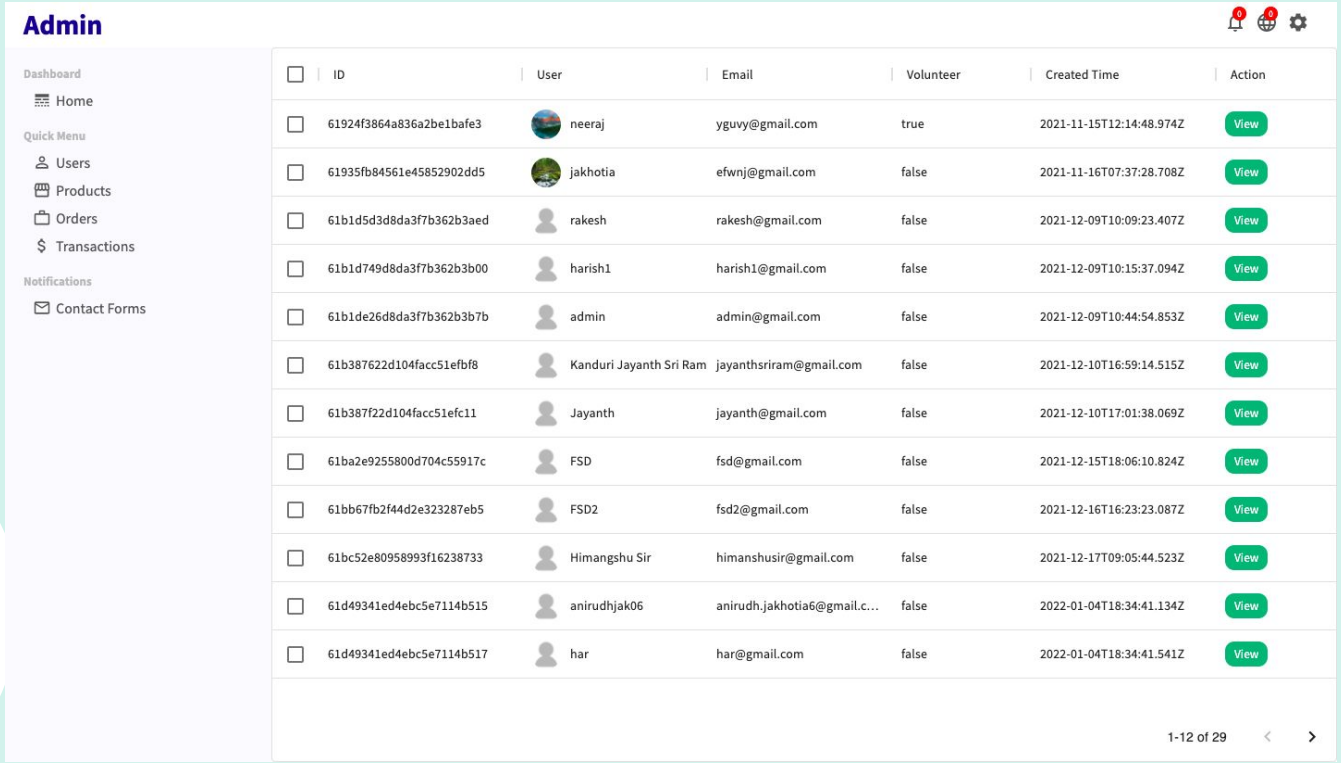


Admin

Admin can monitor all the user activities and have full access to manage the site including adding, deleting and editing all pages and modules



Users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61b1d5d3d8da3f7b362b3aed rakesh rakesh@gmail.com false 2021-12-09T10:09:23.407Z View
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61ba2e9255800d704c55917c FSD fsd@gmail.com false 2021-12-15T18:06:10.824Z View
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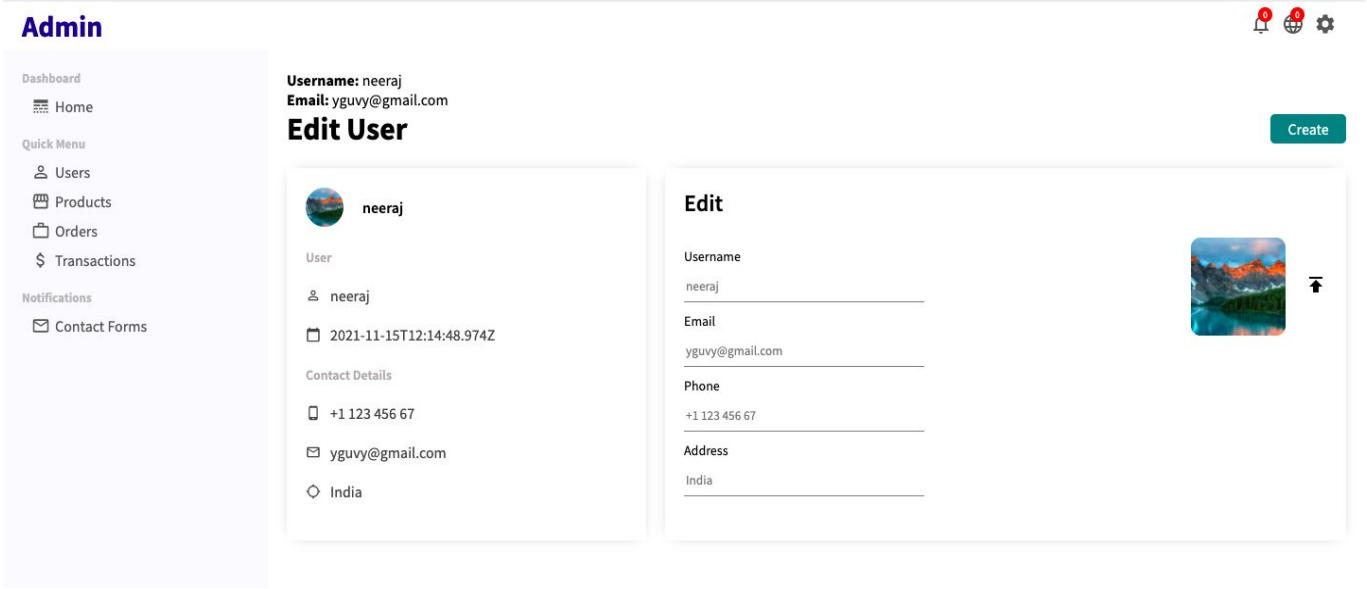
Each user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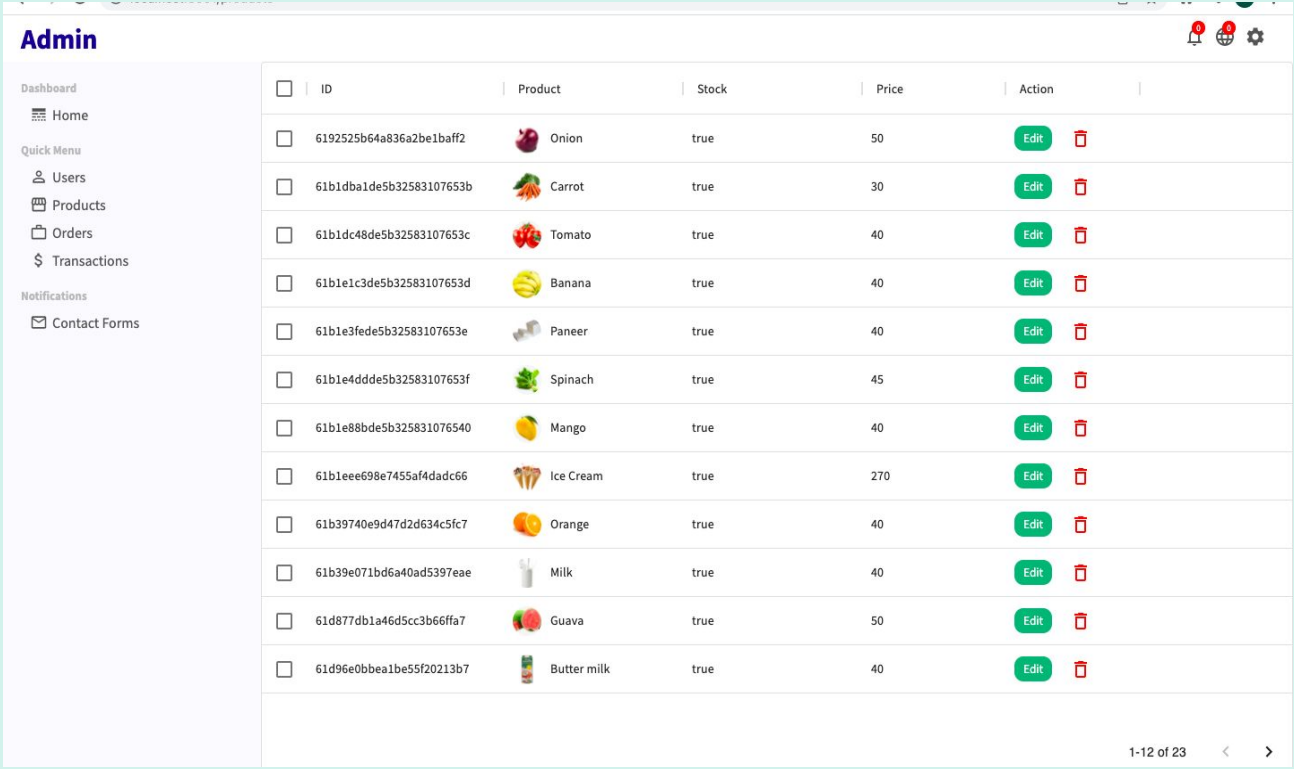
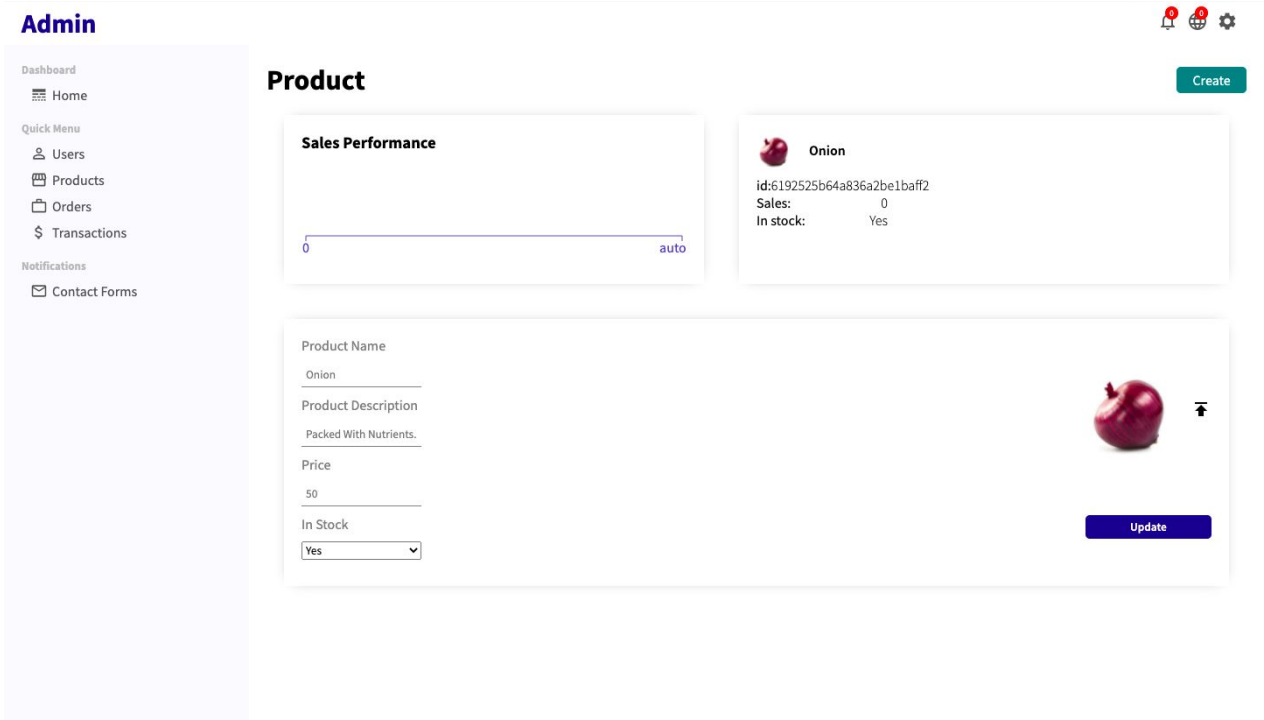
Email: yguvy@gmail.com
Edit User
Create
neeraj
User
neeraj
2021-11-15T12:14:48.974Z
Contact Details
+1 123 456 67
yguvy@gmail.com
India
Edit
Username
neeraj
Email
yguvy@gmail.com
Phone
+1 123 456 67
Address
India

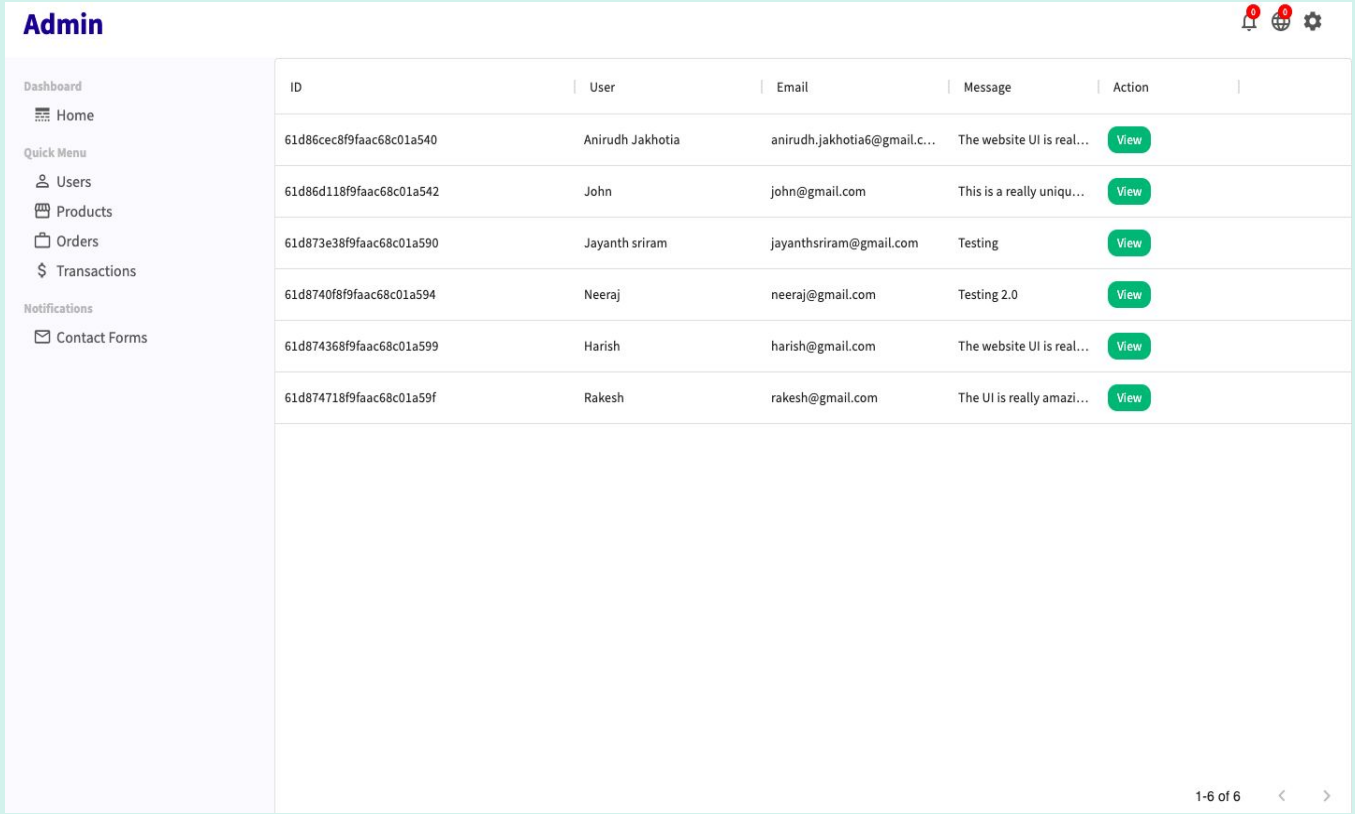
Product page



Each Product page



Contact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anirudh.jakhotia6@gmail.c...
The website UI is real...
View
61d86d118f9faac68c01a542
John
john@gmail.com
This is a really uniqu...
View
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Jayanth sriram
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Testing
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Testing 2.0
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Harish
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The website UI is real...
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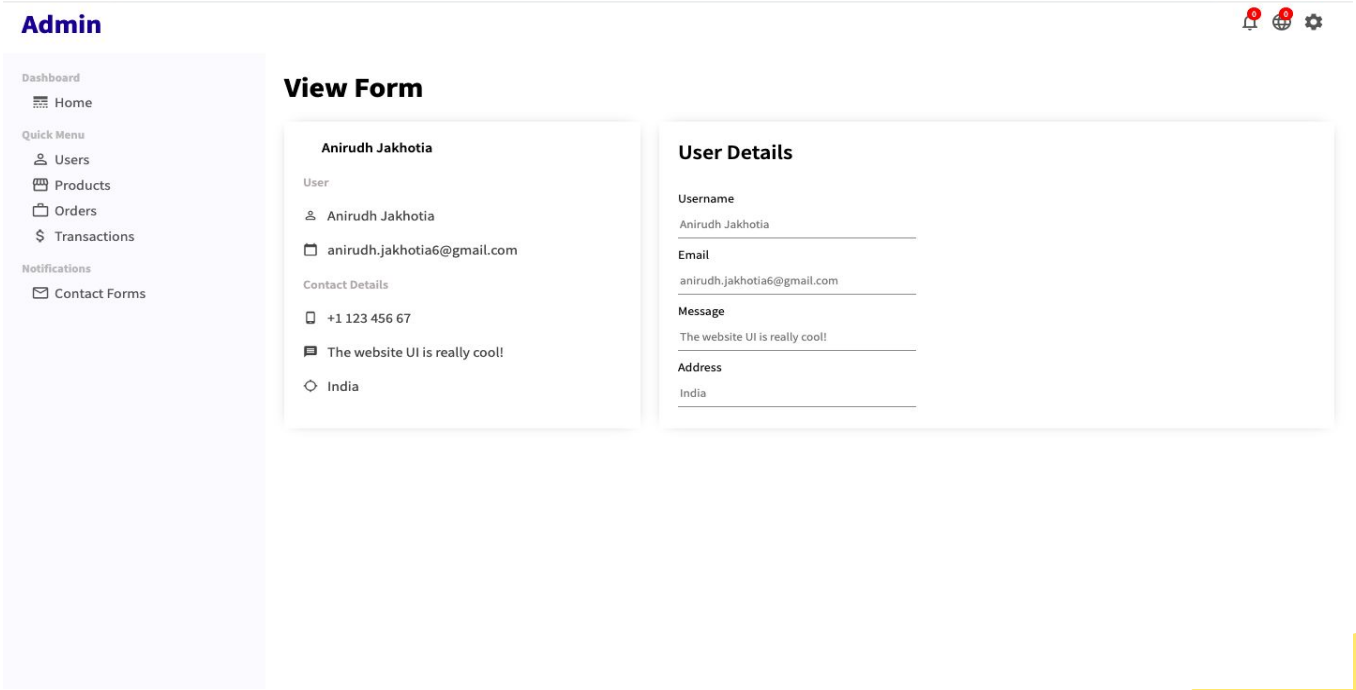
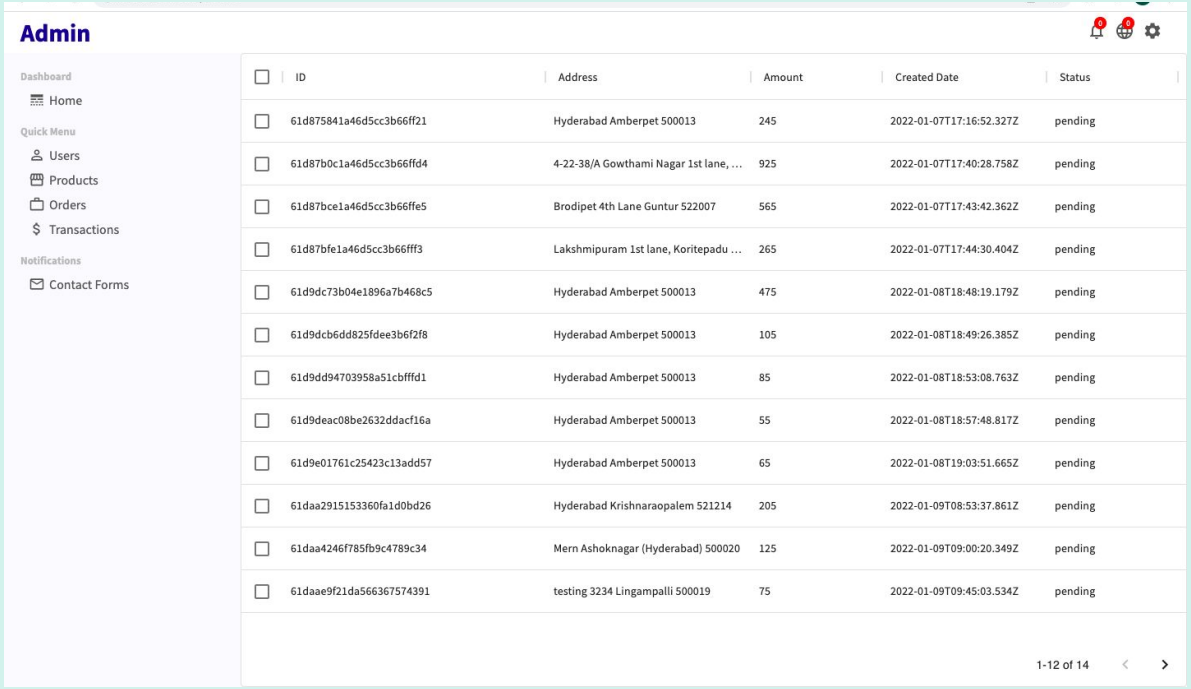
Rakesh
rakesh@gmail.com
The UI is really amazi...
View
1-6 of 6

Each contact



Orders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Status
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61d9e01761c25423c13add57 Hyderabad Amberpet 500013 65 2022-01-08T19:03:51.665Z pending
61daa2915153360fa1d0bd26 Hyderabad Krishnaraopalem 521214 205 2022-01-09T08:53:37.861Z pending
61daa4246f785fb9c4789c34 Mern Ashoknagar (Hyderabad) 500020 125 2022-01-09T09:00:20.349Z pending
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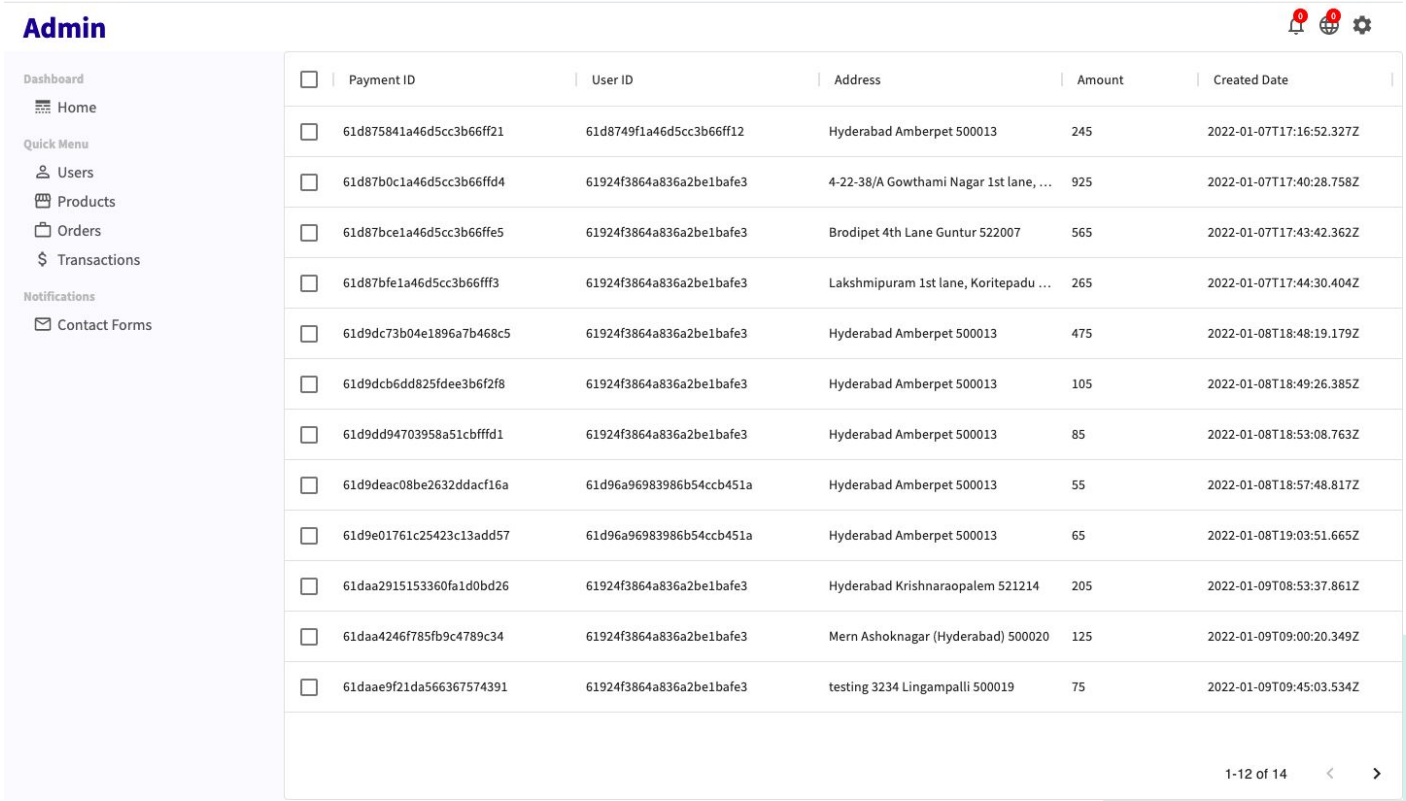
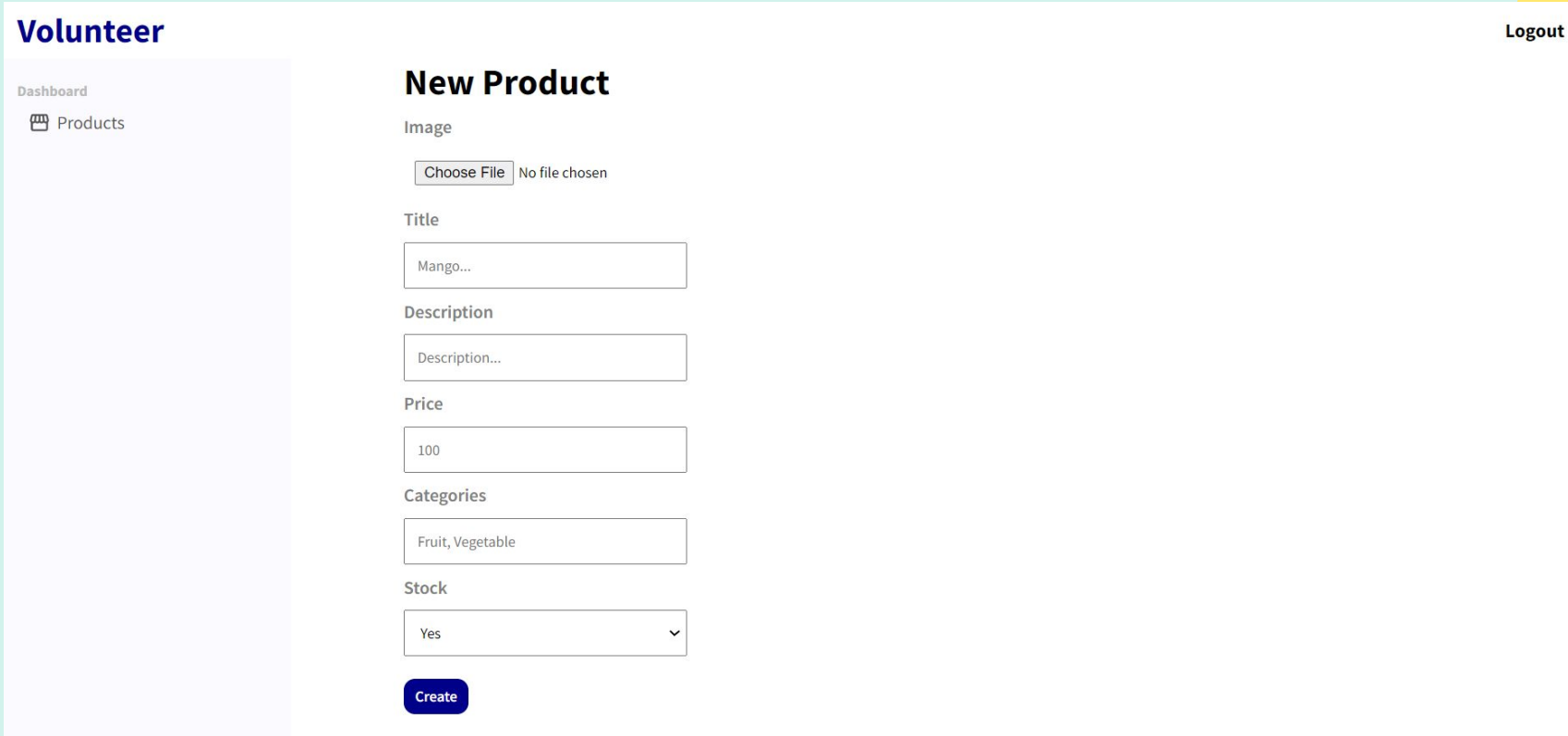
1-12 of 14

Transactions



Volunteer


Volunteer
Logout
Dashboard
Products
New Product
Image
Choose File
No file chosen
Title
Mango...
Description
Description...
Price
100
Categories
Fruit, Vegetable
Stock
Yes
Create

Task Assigned

Rakesh Ganeshula - Contact us, Contact (Backend), Account Details, License and Privacy Policy, Stripe

Harish Mullagura - Each product details, Cart, Products (Backend), Order (Backend), Filters

Neeraj Dusa - Login, Sign-Up, Payments, Success, Checkout (Backend), Volunteer (Frontend and Backend)

Jayanth Sri Ram Kanduri - Each Product Categories, Navbar, About Us, Volunteer (Frontend and Backend)

Anirudh Jakhotia - Slider, Footer, Users (Backend), Shop, Pagination, Faq, Admin Home, Graphs

Thanks!

DO YOU HAVE ANY QUESTIONS?

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