

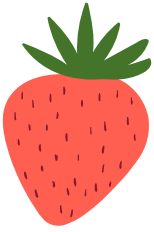


Green Grocery

An Online Grocery Store



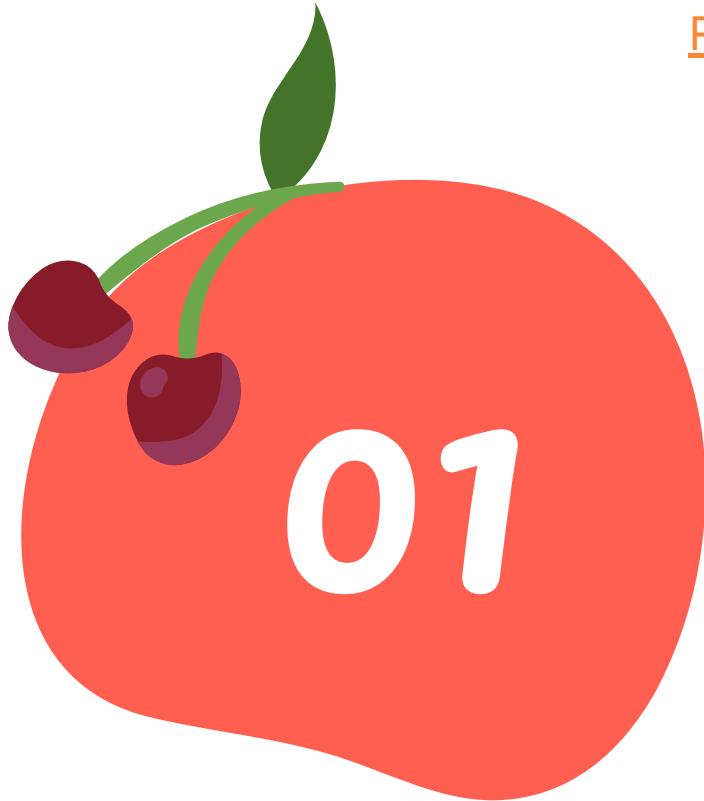
Group No: 30



Group Members :

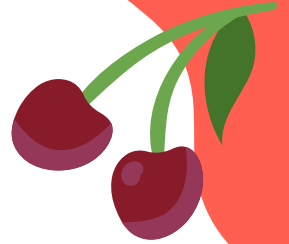
Neeraj Dusa	- S20190010047
Harish Mullagura	- S20190010124
Anirudh Jakhotia	- S20190010007
Rakesh Ganeshula	- S20190010052
Jayanth Sri Ram Kanduri	- S20190010084





Project Business Cases:

Problem Motivation



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.

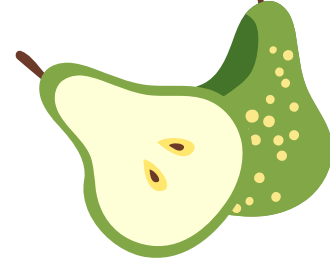
Problem Solution

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 :



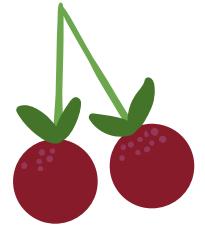
Farmers can contact GreenGrocery website and can sell their vegetables, fruits and dairy products at fair prices. The process includes, firstly, the delivery guy pick their products and the management staff are responsible for updating these products on the website. Users can login into the website and 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.

A UI mockup of a login form. It has a pink border and a white background. At the top, it says 'Login Form'. Below that are two buttons: 'Login' (pink) and 'Signup' (white). Then there are two input fields: 'Email Address' and 'Password'. Below the password field is a link 'Forgot password?'. At the bottom is a large pink 'Login' button. At the very bottom, it says 'Not a member? Signup now'.



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.

Filter Products :

Select ▼

Color

Select

White

Orange

Red

Yellow

Green

Sort Products:

Price (asc) ▼

Newest

Price (asc)

Price (desc)





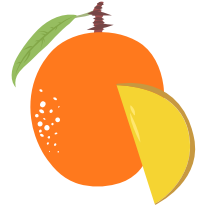
Module 6: User Needs

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

```
JS Announcement.jsx X
Finals > client > src > components > JS Announcement.jsx > ...
1  import styled from "styled-components";
2
3  const Container = styled.div`
4    height: 30px;
5    background-color: teal;
6    color: white;
7    display: flex;
8    align-items: center;
9    justify-content: center;
10   font-size: 14px;
11   font-weight: 500;
12 `;
13
14 const Announcement = () => {
15   return <Container>Today's Discount - Apple at ₹150</Container>;
16 };
17
18 export default Announcement;
19
```



- 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.

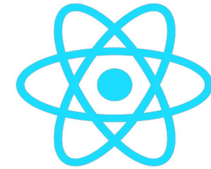
```
JS Slider.jsx X
Finals > client > src > components > JS Slider.jsx > Arrow
103 return (
104   <Container>
105     <Arrow direction="left" onClick={() => handleClick("left")}>
106       <ArrowLeftOutlined />
107     </Arrow>
108     <Wrapper slideIndex={slideIndex}>
109       {sliderItems.map((item) => (
110         <Slide bg={item.bg} key={item.id}>
111           <ImgContainer>
112             <Image src={item.img} />
113           </ImgContainer>
114           <InfoContainer>
115             <Title>{item.title}</Title>
116             <Desc>{item.desc}</Desc>
117             <Button><Link to={item.linkil} style={{ textDecoration: 'none', color: 'black' }}>SHOP NOW</Link></Button>
118           </InfoContainer>
119         </Slide>
120       ))}
121     </Wrapper>
122     <Arrow direction="right" onClick={() => handleClick("right")}>
123       <ArrowRightOutlined />
124     </Arrow>
125   </Container>
126 );
127 };
128
129 export default slider;
130
```




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.



React





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 :

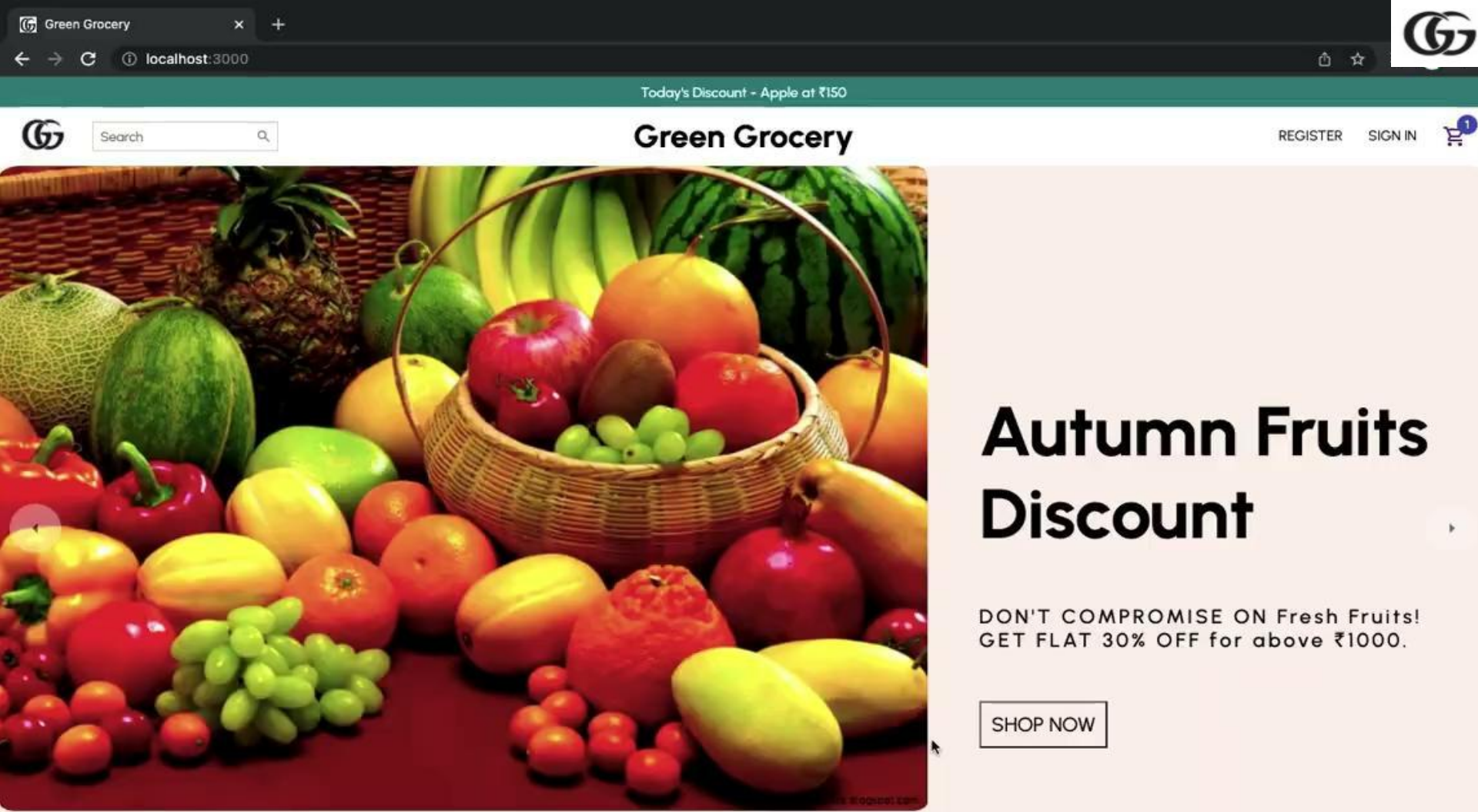
```
<Link to="/cart">
  <MenuItem>
    <Badge badgeContent={quantity} color="primary">
      <ShoppingCartOutlined />
    </Badge>
  </MenuItem>
</Link>
```

Rendered on Website :

REGISTER

SIGN IN





Search

Green Grocery

REGISTER

SIGN IN



Autumn Fruits Discount

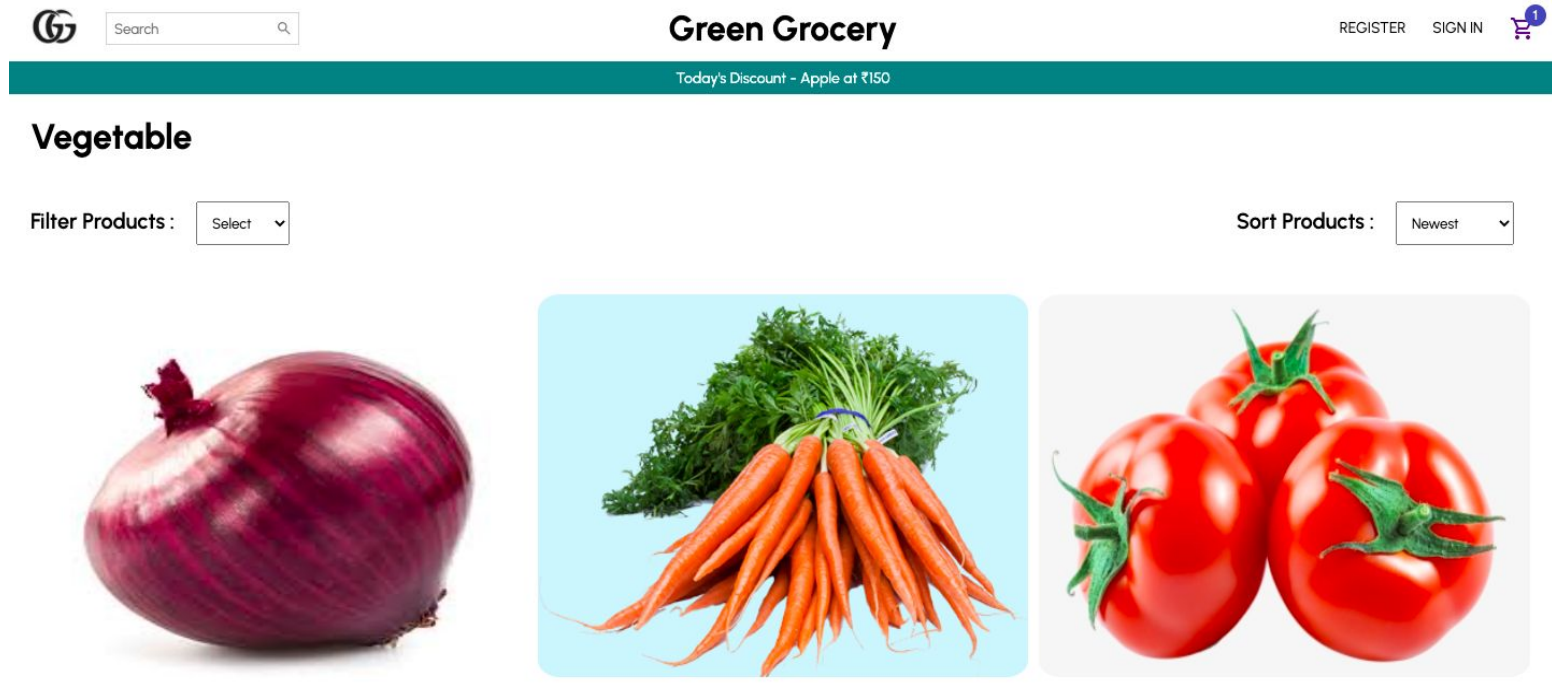
DON'T COMPROMISE ON Fresh Fruits!
GET FLAT 30% OFF for above ₹1000.

SHOP NOW



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

Vegetables View Page





Fruits View Page



Green Grocery

REGISTER

SIGN IN



Today's Discount - Apple at ₹150

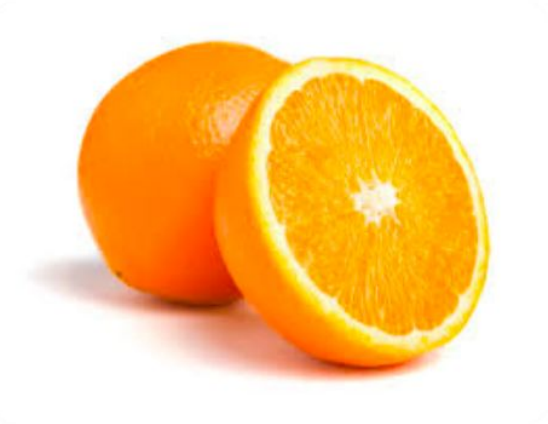
Fruit

Filter Products :

Select ▼

Sort Products :

Newest ▼



Green Grocery

Dairy Product View Page



Green Grocery

[REGISTER](#)[SIGN IN](#)

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

The screenshot displays the Green Grocery website interface. At the top, a teal banner reads "Today's Discount - Apple at ₹150". Below this is a white navigation bar containing the Green Grocery logo, a search bar with the placeholder "Search", and links for "REGISTER" and "SIGN IN" next to a shopping cart icon. The main background image is a vibrant assortment of fresh produce, including corn cobs, bell peppers, tomatoes, and grapes. Overlaid on this background is a white contact form titled "Send us a Message". The form includes two input fields for "Enter your name" and "Enter your email", a larger text area for "Write your message", and a blue "Submit" button at the bottom.

Today's Discount - Apple at ₹150

Green Grocery

REGISTER SIGN IN

Send us a Message

Enter your name

Enter your email

Write your message

Submit



Log In

SIGN IN

LOGIN

[DO NOT YOU REMEMBER THE PASSWORD?](#)

[CREATE A NEW ACCOUNT](#)

Green Grocery

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

Sign Up

[Log into Account](#)

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



Green Grocery

SHOP Hello, JAYANTH Logout 

Today's Discount - Apple at \$150

Shop

Categories :

Vegetables

Fruits

Dairy



1 2 3



Cart


Green Grocery

SHOP Hello, NEERAJ Logout


Today's Discount - Apple at ₹150

YOUR BAG


CONTINUE SHOPPING



Product: Mango



Product: Guava



Product: Tomato

Quantity: 2

₹ 80

Quantity: 1

₹ 50

Quantity: 2

₹ 80

ORDER SUMMARY

Subtotal

₹ 210

Estimated Shipping

₹ 30.90

Shipping Discount

₹ -5.90

Total


₹ 235

CHECKOUT NOW



Payment and success


YOUR BAG



Green Grocery
Your total is ₹25

☒ Same billing & shipping info

[Payment Info](#)

YOUR BAG


Green Grocery
Your total is ₹235



[Pay \\$235.00](#)

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

[Go to Homepage](#)



About us



Green Grocery

REGISTER

SIGN IN



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.

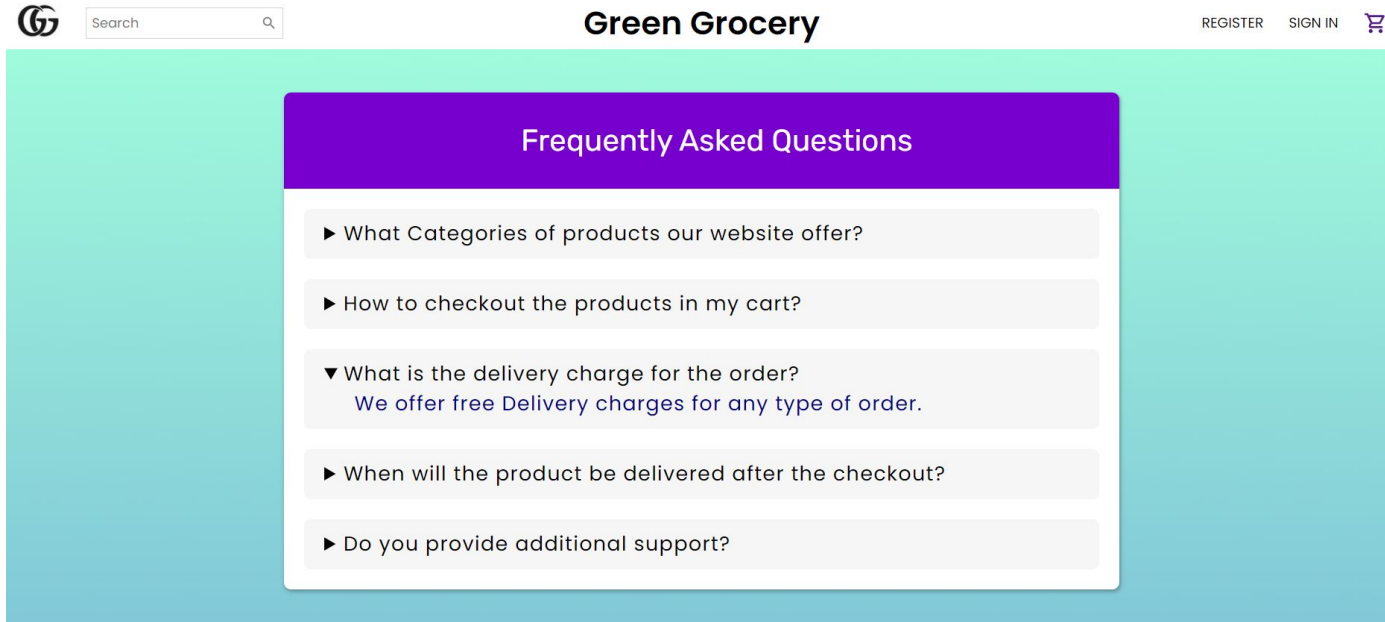
With the help of this website farmers can sell fruits, vegetables and dairy products at fair market prices on our website and customers can buy directly organic products from farmers through the website which are fresh and healthy for the body.

Contact Us





Frequently Asked Questions (FAQ)






License

GG

Green Grocery

Hello, NEERAJ Logout 

Green Grocery

License

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.

Privacy Policy

License



Private Policy

Today's Discount - Apple at ₹150



Green Grocery

Hello, NEERAJ

Logout



Green Grocery

Privacy Policy

Privacy Statement

Green Grocery is committed to protecting your privacy and developing technology that gives you the most powerful and safe online experience. This Statement of Privacy applies to the Green Grocery website and governs data collection and usage. By using our website, you consent to the data practices described in this statement.

Collection of your Personal Information

When you visit our Website, and make a purchase or attempt to make a purchase through our

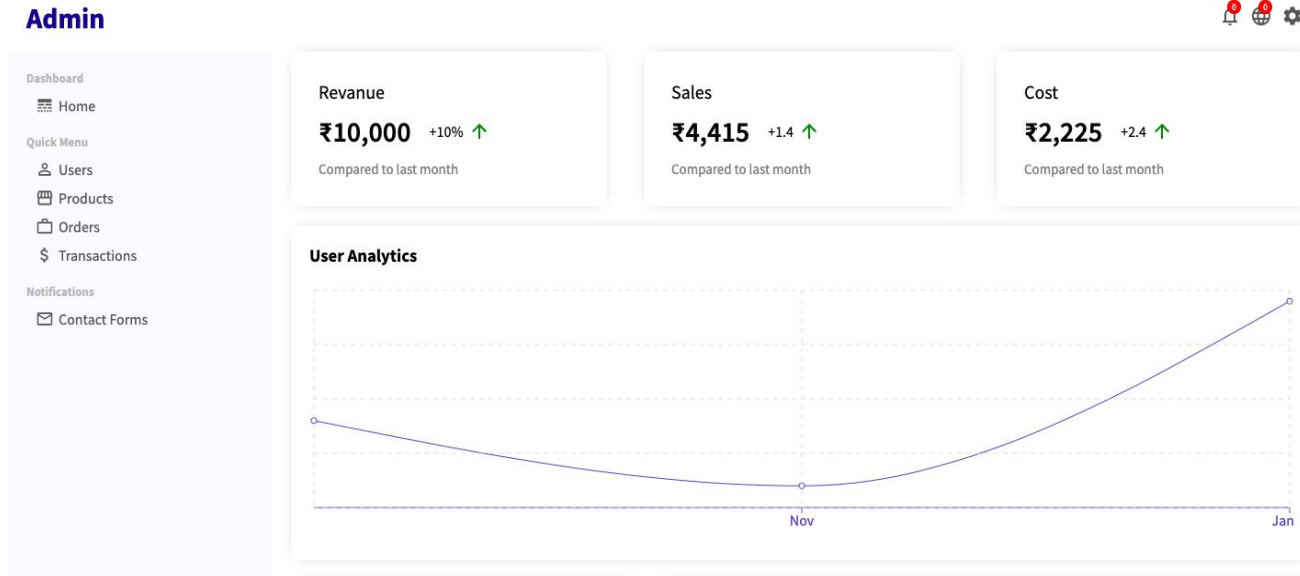
[Privacy Policy](#)

[License](#)



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

Admin

Dashboard

Home

Quick Menu

Users

Products

Orders

Transactions

Notifications

Contact Forms

<input type="checkbox"/>	ID	User	Email	Volunteer	Created Time	Action
<input type="checkbox"/>	61924f3864a836a2be1baf3	neeraj	yguvy@gmail.com	true	2021-11-15T12:14:48.974Z	View
<input type="checkbox"/>	61935fb84561e45852902dd5	jakhotia	efwnj@gmail.com	false	2021-11-16T07:37:28.708Z	View
<input type="checkbox"/>	61b1d5d3d8da3f7b362b3aed	rakesh	rakesh@gmail.com	false	2021-12-09T10:09:23.407Z	View
<input type="checkbox"/>	61b1d749d8da3f7b362b3b00	harish1	harish1@gmail.com	false	2021-12-09T10:15:37.094Z	View
<input type="checkbox"/>	61b1de26d8da3f7b362b3b7b	admin	admin@gmail.com	false	2021-12-09T10:44:54.853Z	View
<input type="checkbox"/>	61b387622d104facc51efb8	Kanduri Jayanth Sri Ram	jayanthsriram@gmail.com	false	2021-12-10T16:59:14.515Z	View
<input type="checkbox"/>	61b387f22d104facc51efc11	Jayanth	jayanth@gmail.com	false	2021-12-10T17:01:38.069Z	View
<input type="checkbox"/>	61ba2e9255800d704c55917c	FSD	fsd@gmail.com	false	2021-12-15T18:06:10.824Z	View
<input type="checkbox"/>	61bb67fb2f44d2e323287eb5	FSD2	fsd2@gmail.com	false	2021-12-16T16:23:23.087Z	View
<input type="checkbox"/>	61bc52e80958993f16238733	Himangshu Sir	himangshsir@gmail.com	false	2021-12-17T09:05:44.523Z	View
<input type="checkbox"/>	61d49341ed4ebc5e7114b515	anirudhj06	anirudh.jakhotia6@gmail.c...	false	2022-01-04T18:34:41.134Z	View
<input type="checkbox"/>	61d49341ed4ebc5e7114b517	har	har@gmail.com	false	2022-01-04T18:34:41.541Z	View

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Each user

Admin



Dashboard

Home

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Users

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Notifications

Contact Forms

Username: neeraj
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







Each Product page

Admin

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Notifications

Contact Forms

Sales Performance

0

auto

Onion

id:6192525b64a836a2be1baff2

Sales: 0

In stock: Yes

Product Name

Onion

Product Description

Packed With Nutrients.

Price

50

In Stock

Yes

Update



Contact

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Contact Forms

1

2

3

4

5

6

ID	User	Email	Message	Action
61d86cec8f9faac68c01a540	Anirudh Jakhotia	anirudh.jakhotia6@gmail.c...	The website UI is real...	<button>View</button>
61d86d118f9faac68c01a542	John	john@gmail.com	This is a really uniqu...	<button>View</button>
61d873e38f9faac68c01a590	Jayanth sriram	jayanthsriram@gmail.com	Testing	<button>View</button>
61d8740f8f9faac68c01a594	Neeraj	neeraj@gmail.com	Testing 2.0	<button>View</button>
61d874368f9faac68c01a599	Harish	harish@gmail.com	The website UI is real...	<button>View</button>
61d874718f9faac68c01a59f	Rakesh	rakesh@gmail.com	The UI is really amazi...	<button>View</button>

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Each contact

Admin



Dashboard

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Transactions

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Contact Forms

View Form

Anirudh Jakhotia

User

Anirudh Jakhotia

anirudh.jakhotia6@gmail.com

Contact Details

+1 123 456 67

The website UI is really cool!

India

User Details

Username

Anirudh Jakhotia

Email

anirudh.jakhotia6@gmail.com

Message

The website UI is really cool!

Address

India



Orders

Admin

Dashboard

Home

Users

Products

Orders

Transactions

Notifications

Contact Forms

<input type="checkbox"/>	ID	Address	Amount	Created Date	Status
<input type="checkbox"/>	61d875841a46d5cc3b66ff21	Hyderabad Amberpet 500013	245	2022-01-07T17:16:52.327Z	pending
<input type="checkbox"/>	61d87b0c1a46d5cc3b66ffd4	4-22-38/A Gowthami Nagar 1st lane, ...	925	2022-01-07T17:40:28.758Z	pending
<input type="checkbox"/>	61d87bce1a46d5cc3b66ffe5	Brodipet 4th Lane Guntur 522007	565	2022-01-07T17:43:42.362Z	pending
<input type="checkbox"/>	61d87bfe1a46d5cc3b66fff3	Lakshmpuram 1st lane, Koritepadu ...	265	2022-01-07T17:44:30.404Z	pending
<input type="checkbox"/>	61d9dc73b04e1896a7b468c5	Hyderabad Amberpet 500013	475	2022-01-08T18:48:19.179Z	pending
<input type="checkbox"/>	61d9dc6dd825fdee3b6f2f8	Hyderabad Amberpet 500013	105	2022-01-08T18:49:26.385Z	pending
<input type="checkbox"/>	61d9dd94703958a51cbfffd1	Hyderabad Amberpet 500013	85	2022-01-08T18:53:08.763Z	pending
<input type="checkbox"/>	61d9deac08be2632ddacf16a	Hyderabad Amberpet 500013	55	2022-01-08T18:57:48.817Z	pending
<input type="checkbox"/>	61d9e01761c25423c13add57	Hyderabad Amberpet 500013	65	2022-01-08T19:03:51.665Z	pending
<input type="checkbox"/>	61daa2915153360fa1d0bd26	Hyderabad Krishnaraopalem 521214	205	2022-01-09T08:53:37.861Z	pending
<input type="checkbox"/>	61daa4246f785fb9c4789c34	Mern Ashoknagar (Hyderabad) 500020	125	2022-01-09T09:00:20.349Z	pending
<input type="checkbox"/>	61daae9f21da566367574391	testing 3234 Lingampalli 500019	75	2022-01-09T09:45:03.534Z	pending
1-12 of 14					



Transactions

Admin



Dashboard

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Notifications

Contact Forms

<input type="checkbox"/>	Payment ID	User ID	Address	Amount	Created Date
<input type="checkbox"/>	61d875841a46d5cc3b66ff21	61d8749f1a46d5cc3b66ff12	Hyderabad Amberpet 500013	245	2022-01-07T17:16:52.327Z
<input type="checkbox"/>	61d87b0c1a46d5cc3b66ffd4	61924f3864a836a2be1baf3	4-22-38/A Gowthami Nagar 1st lane, ...	925	2022-01-07T17:40:28.758Z
<input type="checkbox"/>	61d87bce1a46d5cc3b66ffe5	61924f3864a836a2be1baf3	Brodipet 4th Lane Guntur 522007	565	2022-01-07T17:43:42.362Z
<input type="checkbox"/>	61d87bfe1a46d5cc3b66fff3	61924f3864a836a2be1baf3	Lakshmpuram 1st lane, Koritepadu ...	265	2022-01-07T17:44:30.404Z
<input type="checkbox"/>	61d9dc73b04e1896a7b468c5	61924f3864a836a2be1baf3	Hyderabad Amberpet 500013	475	2022-01-08T18:48:19.179Z
<input type="checkbox"/>	61d9dcb6dd825fdee3b6f2f8	61924f3864a836a2be1baf3	Hyderabad Amberpet 500013	105	2022-01-08T18:49:26.385Z
<input type="checkbox"/>	61d9dd94703958a51cbfffd1	61924f3864a836a2be1baf3	Hyderabad Amberpet 500013	85	2022-01-08T18:53:08.763Z
<input type="checkbox"/>	61d9deac08be2632ddacf16a	61d96a96983986b54ccb451a	Hyderabad Amberpet 500013	55	2022-01-08T18:57:48.817Z
<input type="checkbox"/>	61d9e01761c25423c13add57	61d96a96983986b54ccb451a	Hyderabad Amberpet 500013	65	2022-01-08T19:03:51.665Z
<input type="checkbox"/>	61daa2915153360fa1d0bd26	61924f3864a836a2be1baf3	Hyderabad Krishnaraopalem 521214	205	2022-01-09T08:53:37.861Z
<input type="checkbox"/>	61daa4246f785fb9c4789c34	61924f3864a836a2be1baf3	Mern Ashoknagar (Hyderabad) 500020	125	2022-01-09T09:00:20.349Z
<input type="checkbox"/>	61daae9f21da566367574391	61924f3864a836a2be1baf3	testing 3234 Lingampalli 500019	75	2022-01-09T09:45:03.534Z
1-12 of 14 < >					



Volunteer

Volunteer

[Logout](#)

Dashboard

 Products

New Product

Image

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?**

fsdproj30@gmail.com
+91 98765 43210
GreenGrocery.com