

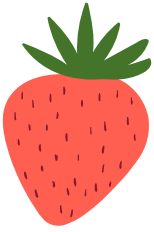


# Green Grocery

An Online Grocery Store



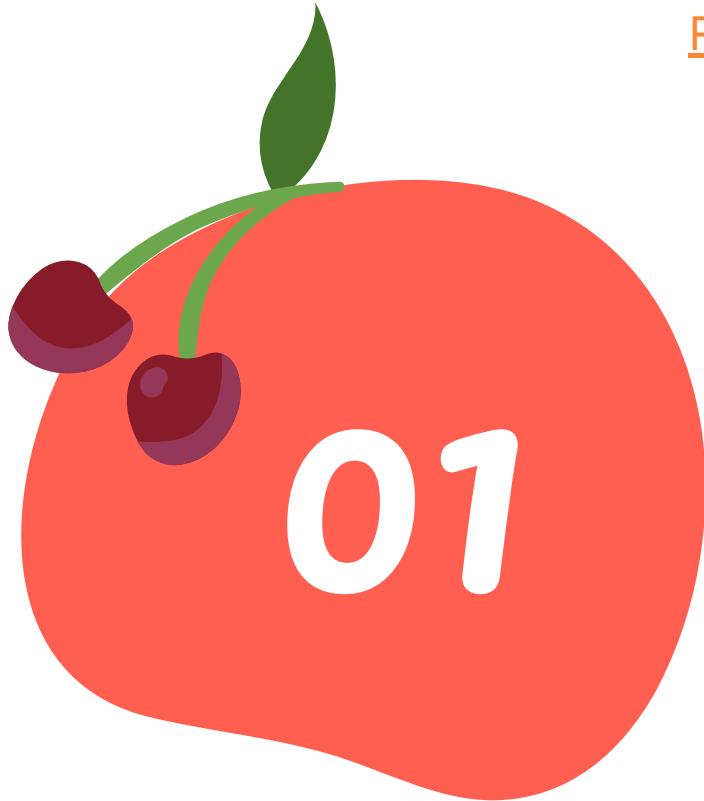
# Group No: 30



## Group Members :

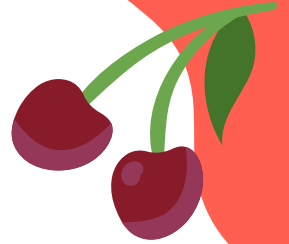
Neeraj Dusa	- S20190010047
Harish Mullagura	- S20190010124
Anirudh Jakhotia	- S20190010007
Rakesh Ganeshula	- S20190010052
Jayanth Sri Ram Kanduri	- S20190010084





## 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.

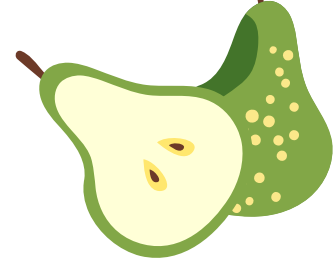
## Problem Solution

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 :*



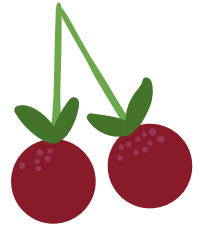
Farmers can contact GreenGrocery website and can sell their vegetables, fruits and dairy products at fair prices. The process includes, firstly, the delivery guy pick their products and the management staff are responsible for updating these products on the website. Users can login into the website and 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 titled "Login Form" in bold black text. At the top, there are two buttons: "Login" (purple) and "Signup" (white with a purple border). Below these are two input fields: "Email Address" and "Password". Under the "Password" field is a link "Forgot password?" in pink. At the bottom is a large purple "Login" button. Below the button is the text "Not a member? Signup now" in pink. The entire form is enclosed in a pink border.

**Login Form**

Login Signup

Email Address

Password

[Forgot password?](#)

Login

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)





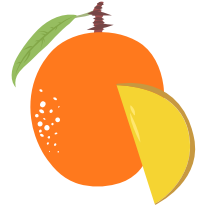
# Module 6: User Needs

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
```

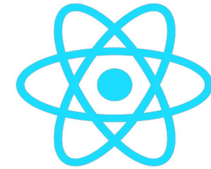




# React-UI Elements used:

## 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

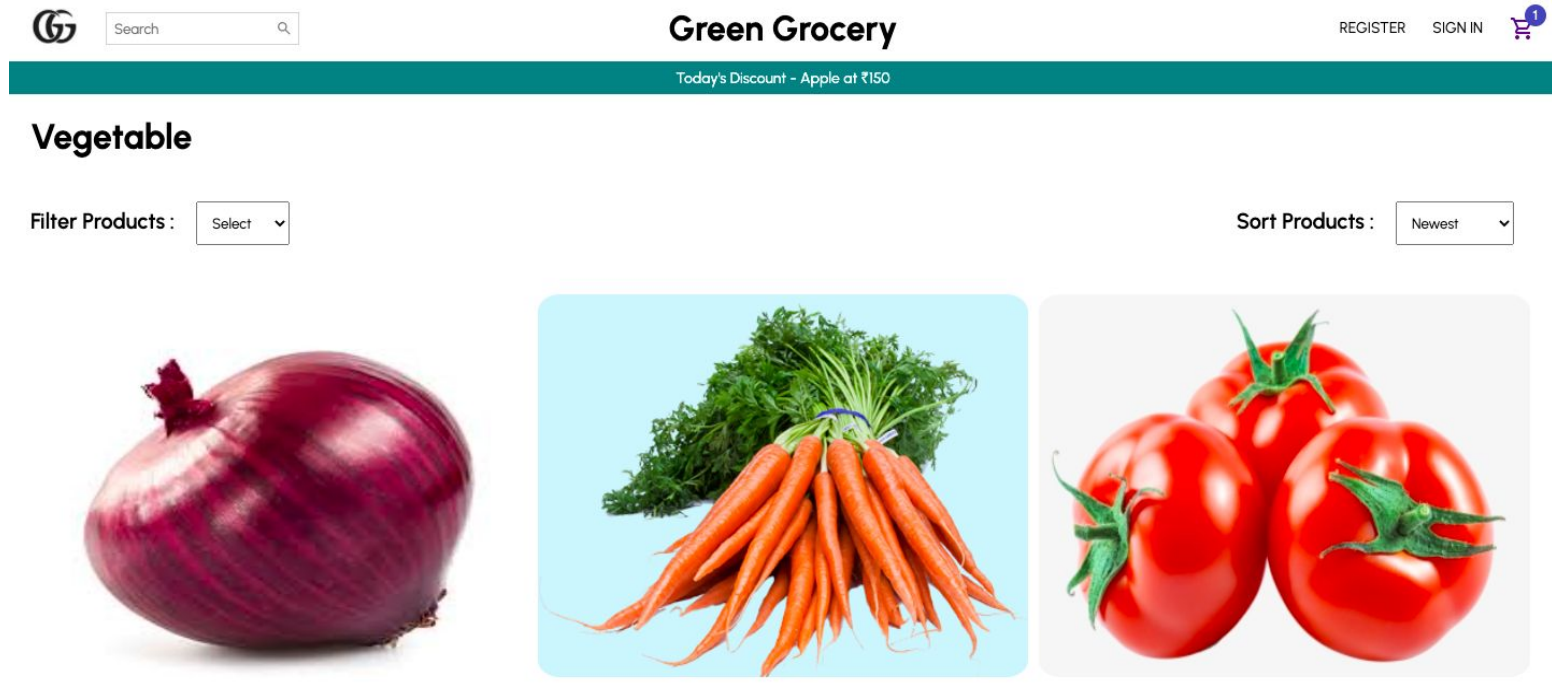
SIGN IN





# 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

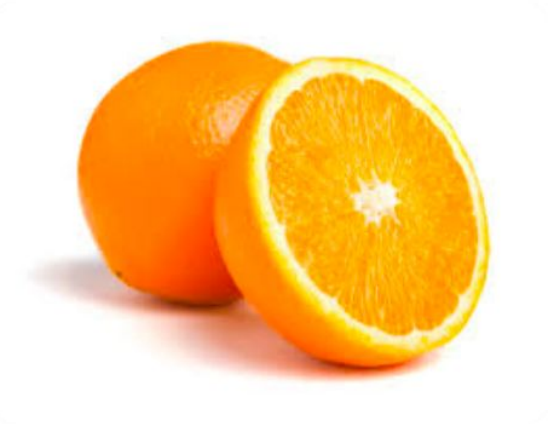
## Fruit

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








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

## Contact Form Page

Today's Discount - Apple at ₹150

**Green Grocery** [REGISTER](#) [SIGN IN](#) 

**Send us a Message**



# Log In

## SIGN IN

LOGIN

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

[CREATE A NEW ACCOUNT](#)

## Green Grocery

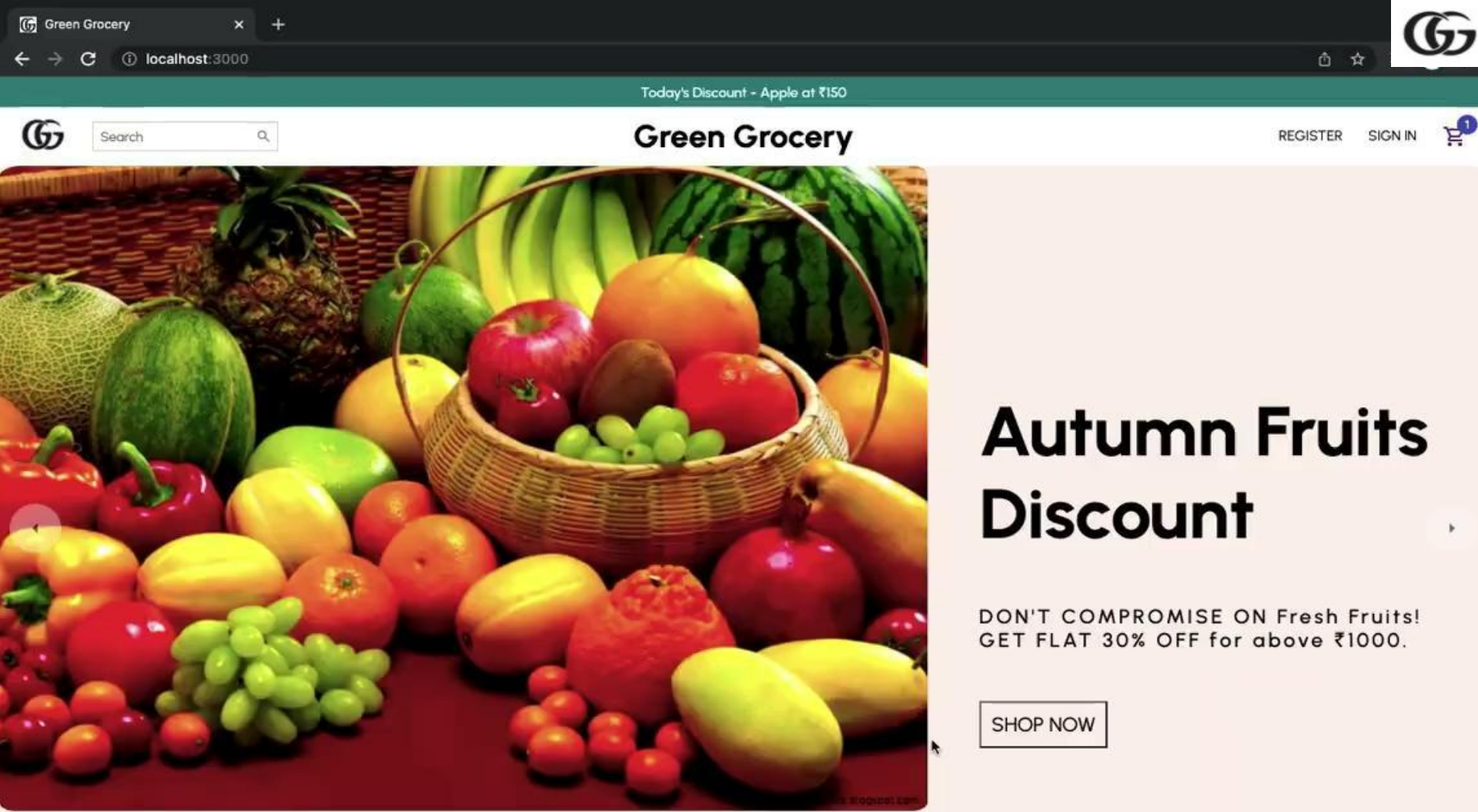
Connect with Farmers and the world around you on Green Grocery.

Sign Up

[Log into Account](#)

# Sign Up





Search

Today's Discount - Apple at ₹150

Green Grocery

REGISTER

SIGN IN



# Autumn Fruits Discount

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

SHOP NOW



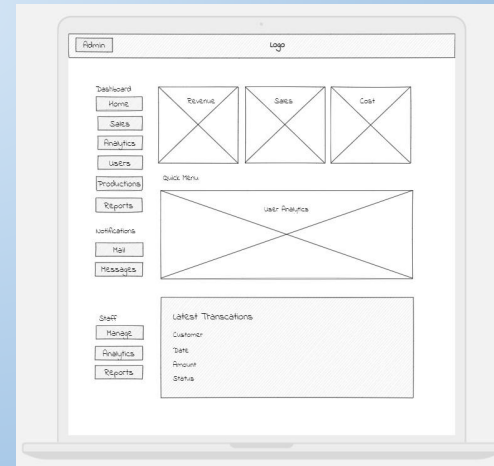
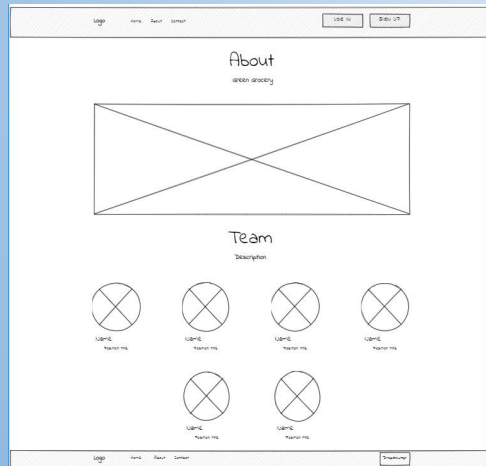


# Design of Wireframes

This is the the early step of the future UI/UX design process when the structure of the project is being formed.

It is a two-dimensional illustration of a page's interface that specifically focuses on space allocation and prioritization of content. Wireframes are kept in code folder

We have designed the wireframes of About and Admin Page.





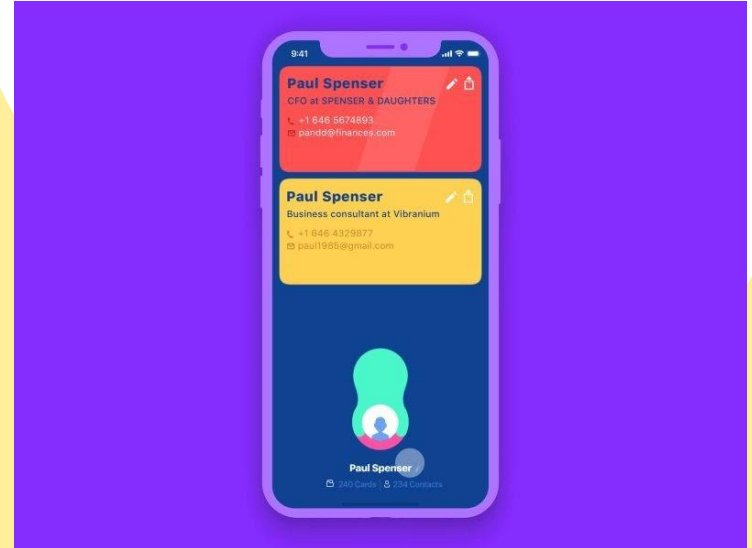
## FEATURES



*Better UI/UX*



*Easy Usage*

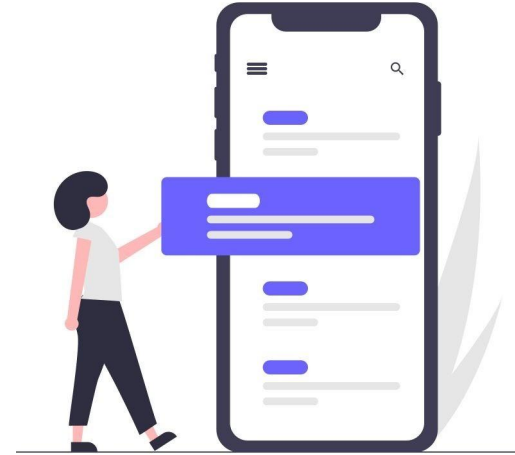




## *Cash on Delivery*

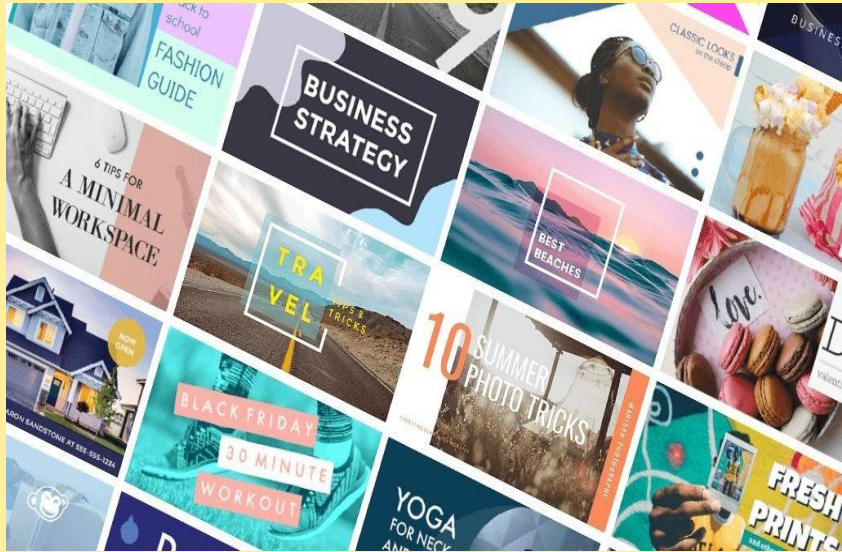


## *Clean navigational menu*





*Good quality product  
photos with image  
zoom and thumbnails*



*Wish-list and  
Add to cart*





## QNA Queries

For any queries about the books and other details can ask questions and will be replied soon



## Discount offers

Many discounts can be given to the farmers based on fresh and quality products they deliver





*Suggestions and user feedback is taken*



*Secure Login and User information is safe*



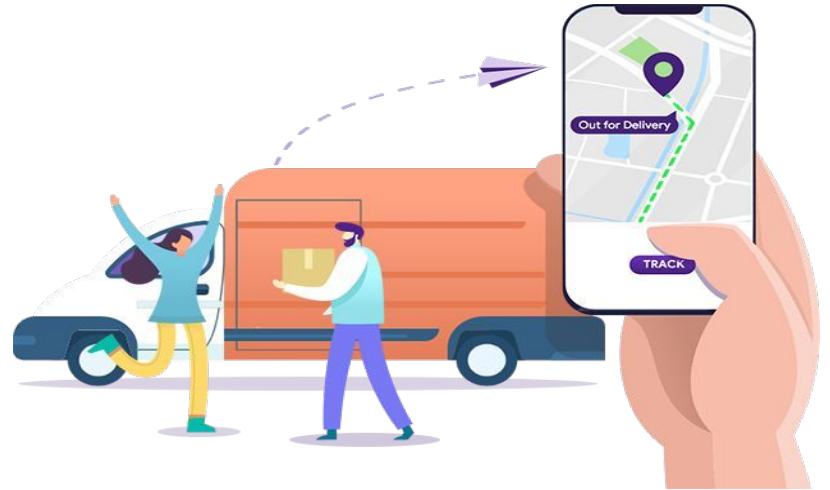


# E-Payment



# Tracking Option for Orders

 Banking Cards	 USSD	 AEPS	 UPI	 Mobile Wallet
 Banks Pre-paid Cards	 Point of Sale	 Internet Banking	 Mobile Banking	 Micro ATMs

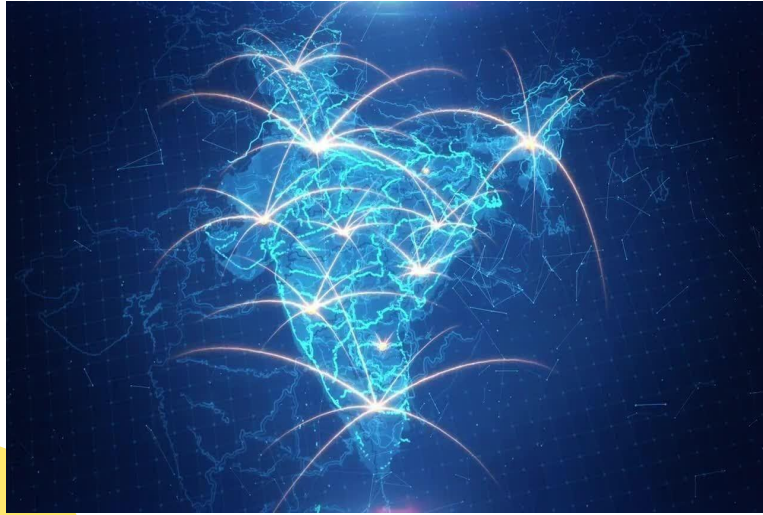






## Connectivity

Delivery can be reached for various places across India



## Sending Email Address

Can send a direct email for others to check about the website and can interact with farmers







*Engaging and informative  
"About Us" page with  
contact details.*



*Social media connections*





# Task Assigned

**Rakesh Ganeshula** - Contact us, Contact (Backend), Wireframes

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

**Neeraj Dusa** - Login, Sign-Up, Payments, Success

**Jayanth Sri Ram Kanduri** - Each Product Categories, Navbar,  
Wireframes

**Anirudh Jakhotia** - Slider, Footer, Users (Backend)



**NOTE:** Home page was done by everyone equally together



# Thanks!

**DO YOU HAVE ANY  
QUESTIONS?**

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