

Capstone Foodbox

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The code for the project is hosted on:

This document contains the following sections:

- [Sprint Planning](#)
- [Core Concepts used in project](#)
- [Product capabilities and source code](#)
- [Conclusion](#)

Sprint Planning and Task Completion

Note: A separate document for sprint planning is attached to the Zip.

The project is planned to be completed in two Sprints. The tasks assumed to be completed are:

Sprint 1 :

- Flow chart of the application
- Initializing Git repository to track changes of development
- Writing the source code

Sprint 2 :

- Testing the program with various user inputs
- Pushing project to GitHub
- Creating documentation

Sprint 3:

- Testing the program with various user inputs
- Pushing project to GitHub
- Creating documentation

Core Concepts Used in the Project

- Spring
- Spring Boot
- JPA
- Postman
- Exception Handling
- React
- Bootstrap, HTML, CSS
- Redux
- Java
- MySQL database
- GitHub

Image Below |||

Product Capabilities

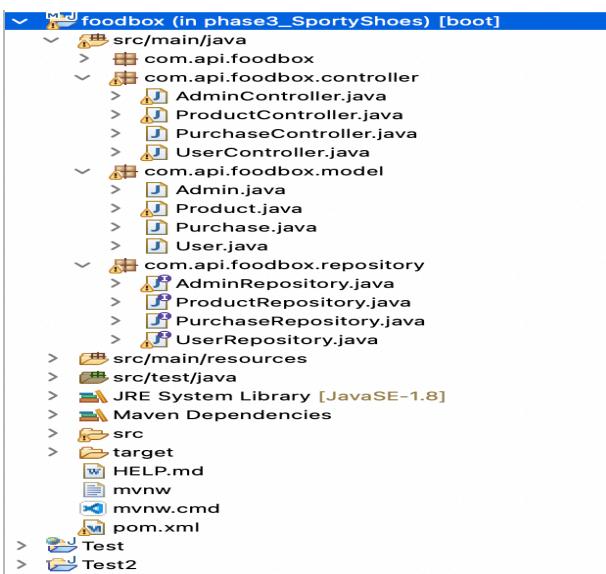
The application has the following capabilities:

1. Footbox Application
2. Food Box Controller
 - 3. 2.1. ProductController
 - 2.2. PurchaseController
 - 2.3. UserController
4. 2.4. AdminController
5. Food Box Model
 - 3.1. ProductModel
 - 3.2. PurchaseModel
 - 3.3. UserModel
6. 3.4. Admin Model
7. FoodBox Repository
 - 4.1. ProductRepository
 - 4.2. UserRepository
 - 4.3. PurchaseRepository

Source code for each of the capabilities with output is shown below:

Note: Complete source code, please check zip/Git Repository for reference.

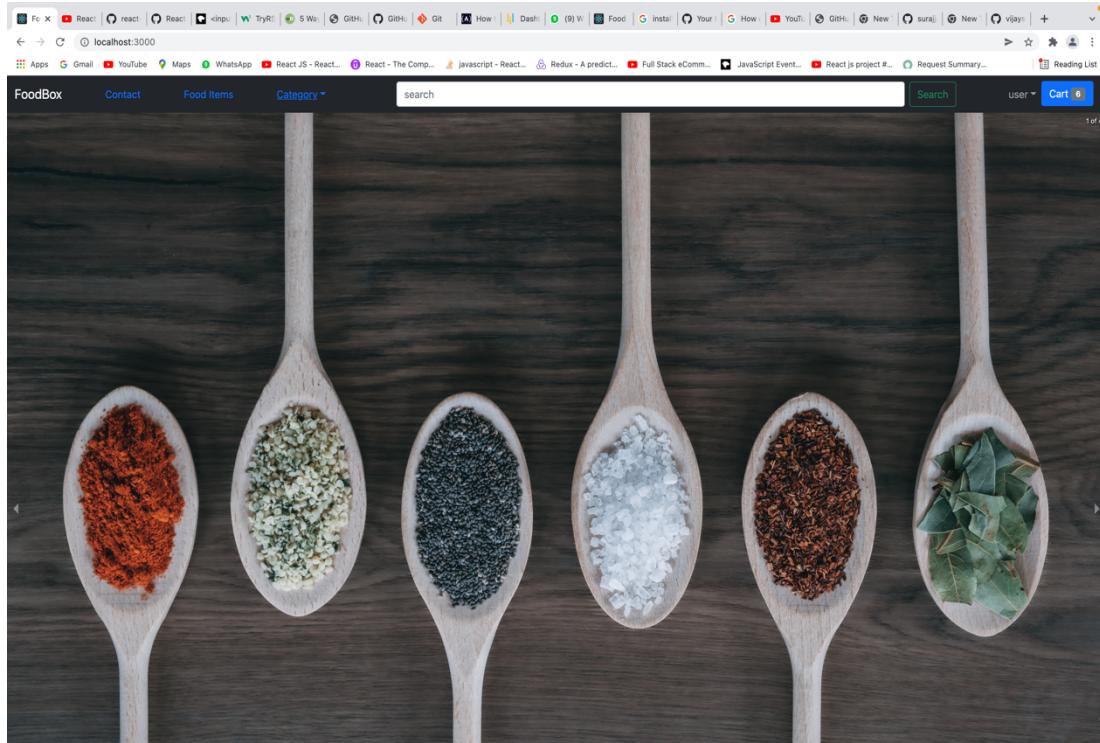
Spring Folder :



PostMan Application All the Api

- `GET` All Product
- `POST` Add Product
- `PUT` Update Product
- `DEL` Delete Product
- `GET` Search ID
- `GET` Search By Season
- `GET` Search By Brand
- `GET` Search By Category MALE
- `GET` Search By Category Female
- `GET` Search By Price
- `GET` Search By color
- `GET` Search By Date
- `GET` List Of All User
- `POST` User Add
- `DEL` Delete by user
- `PUT` Update by user
- `GET` Purchase order report all the d...
- `GET` order seach by id
- `POST` item add
- `GET` purchase item update by id
- `GET` purchase delete item by id

HomePage:



Products Page:

A screenshot of the "FoodBox" products page. The header is identical to the homepage. Below it, a section titled "Latest Products" displays a grid of eight food items, each with a thumbnail image, name, brief description, price, and a "View" button.

Product	Description	Price
Chole Bhature [2 Bhature]	The all time Favourite! for Indian... Indian	₹129
Masala Dosa	The all time Favourite! for South Indian...	₹130
Fish Fry	The all time Favourite! for Indian...	₹129
Chicken Korma	The all time Favourite! for Indian...	₹129
Pasta	The all time Favourite! for Indian...	₹129
French Fry	French Fry	₹229
Chinese Samosa	Chinese Samosa	₹229
Momo's	Momo's	₹229

Categories:

The screenshot shows a web browser with the URL localhost:3000/products/all. The page has a header with tabs for FoodBox, Contact, Food Items, and Category. A search bar is present. On the left, there's a sidebar titled "Latest Products" with categories: Indian, Italian, Chinese, and Mexican. Below the sidebar, there are four columns of food items:

- Chole Bhature [2 Bhature]**: Indian, ₹129. Description: The all time Favourite! for Indian...
View
- Masala Dosa**: Indian, ₹130. Description: The all time Favourite! for South Indian...
View
- Fish Fry**: Indian, ₹129. Description: The all time Favourite! for Indian...
View
- Chicken Korma**: Indian, ₹129. Description: The all time Favourite! for Indian...
View
- Pasta**: Indian, ₹129. Description: The all time Favourite! for Indian...
View
- French Fry**: Indian, ₹229. Description: Chicken soup is one of the best comfort foods in my opinion. The hot and delicious...
View
- Chinese Samosa**: Chinese, ₹229. Description: Chicken soup is one of the best comfort foods in my opinion. The hot and delicious...
View
- Momo's**: Italian, ₹229. Description: Chicken soup is one of the best comfort foods in my opinion. The hot and delicious...
View

Product Details:

The screenshot shows a web browser with the URL localhost:3000/products/1. The page has a header with tabs for FoodBox, Contact, Food Items, and Category. A search bar is present. The main content shows a product detail for "Chole Bhature [2 Bhature]".

Chole Bhature [2 Bhature]

Price: ₹129
Status: In Stock
Qty: 1 (dropdown menu from 1 to 12)
Add

Description: The all time Favourite! for Indian...
View

Cart Page:

The screenshot shows a shopping cart interface for 'FoodBox'. At the top, there's a navigation bar with links for 'Food', 'React', 'Contact', 'Food Items', 'Category', a search bar, and a user profile. A 'Cart' button is highlighted with a red border, indicating 3 items. The main area is titled 'Shopping Cart' and lists two items:

Item	Description	Price	Quantity	Action
Chole Bhature	[2 Bhature]	₹129	1	<input type="button" value="Remove"/>
Masala Dhosa		₹130	2	<input type="button" value="Remove"/>

To the right, a summary box shows 'Subtotal (3) items' and '₹389.00'. A large red 'Proceed To Checkout' button is at the bottom.

Payment successfully page

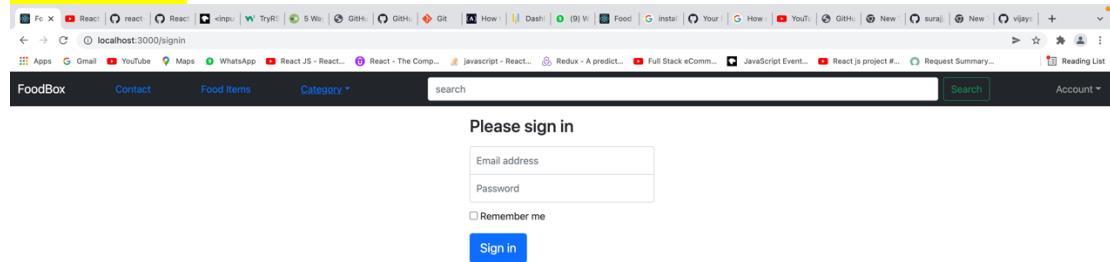
Payment success

Your order has been Placed

Order Details

Shipping Address	Payment Method	Order Summary
Suraj H.No:12-72 MP ,Odissa ,454132 123154654	Card	Total Price: ₹340

Login page:



The screenshot shows a browser window with the URL `localhost:3000/login`. The page title is "FoodBox". The main content is a "Please sign in" form with fields for "Email address" and "Password", a "Remember me" checkbox, and a blue "Sign in" button.

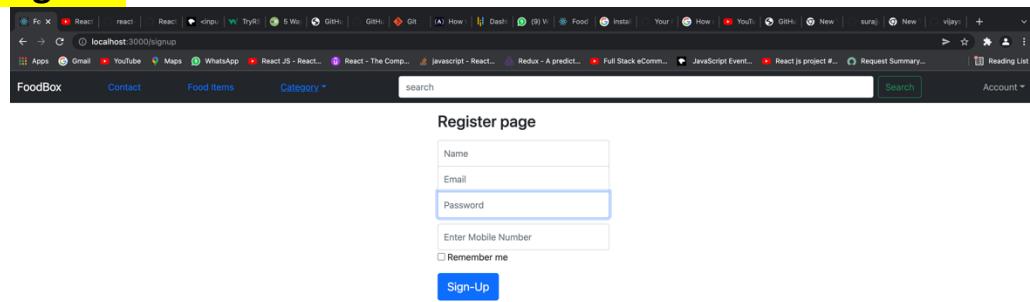
Please sign in

Email address
Password

Remember me

Sign in

Register:



The screenshot shows a browser window with the URL `localhost:3000/signup`. The page title is "FoodBox". The main content is a "Register page" form with fields for "Name", "Email", "Password", "Enter Mobile Number", a "Remember me" checkbox, and a blue "Sign-Up" button.

Register page

Name
Email
Password

Enter Mobile Number

Remember me

Sign-Up



Admin Page :

The screenshot shows a web browser window with a yellow header bar containing the text "Admin Page :". Below the header is a toolbar with various icons and links. The main content area displays a login form titled "Admin Sign In" for a "FoodBox" application. The form includes fields for "Email address" and "Password", a "Remember me" checkbox, and a blue "Sign in" button. At the top of the page, there is a navigation bar with links for "FoodBox", "Contact", "Food Items", "Category", a search bar, and an "Account" dropdown.

All products :

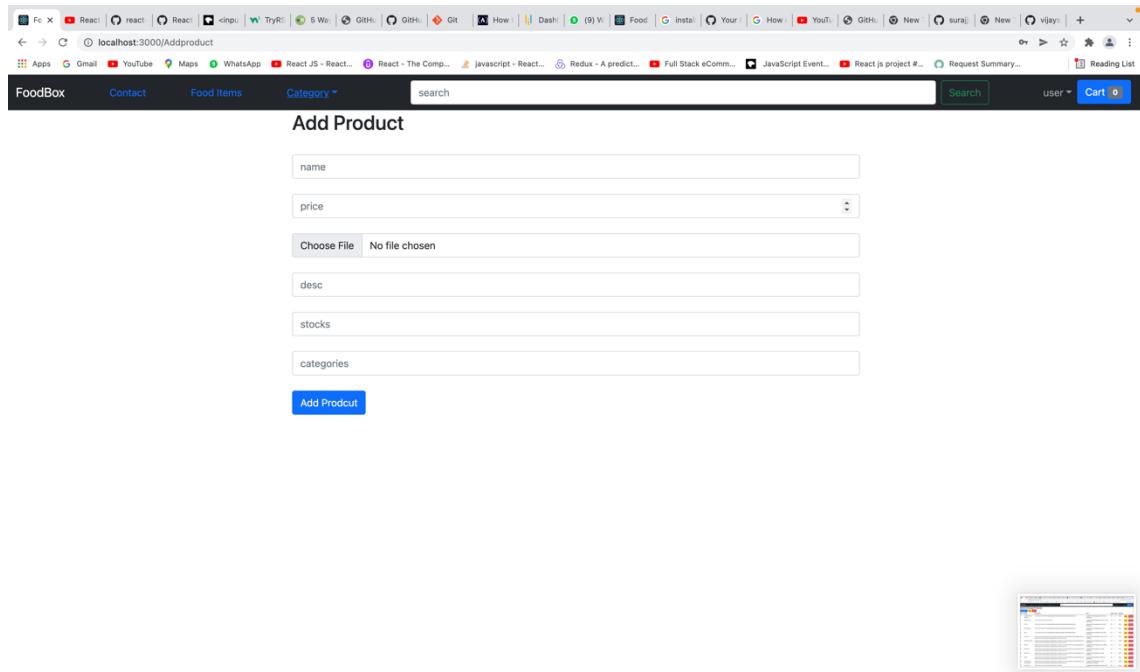
localhost:3000/GetproductList

FoodBox Contact Food Items Category search Search user Cart 0

Admin Manage Products:

SI.No	Name	Description	Price	Image	Stock	Category	Edit	Delete
1	Chole Bhature [2 Bhature]	The all time Favourite! for Indiankdcbjbcdb abskdjkacbad adjskkjbj ajkabsdbskjkbj kjasba/images/ProductImage/pexels-dana-tentis-262959.jpg	129	12	Indian	<button>Edit</button>	<button>Delete</button>
2	Masala Dhosha	The all time Favourite! for South Indian/images/ProductImage/pexels-ahmad-no-more-7592749.jpg	130	2	Indian	<button>Edit</button>	<button>Delete</button>
3	Fish Fry	The all time Favourite! for Indiankdcbjbcdb abskdjkacbad adjskkjbj ajkabsdbskjkbj kjasba/images/ProductImage/pexels-dana-tentis-262959.jpg	129	1	Indian	<button>Edit</button>	<button>Delete</button>
4	Chicken Korma	The all time Favourite! for Indiankdcbjbcdb abskdjkacbad adjskkjbj ajkabsdbskjkbj kjasba/images/ProductImage/pexels-eghost-2611917.jpg	129	3	Indian	<button>Edit</button>	<button>Delete</button>
5	Pasta	The all time Favourite! for Indiankdcbjbcdb abskdjkacbad adjskkjbj ajkabsdbskjkbj kjasba/images/ProductImage/pexels-engin-akyurt-1437267.jpg	129	3	Indian	<button>Edit</button>	<button>Delete</button>
6	French Fry	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-marco-fischer-115740.jpg	229	2	Indian	<button>Edit</button>	<button>Delete</button>
7	Chinese Samosha	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-marvin-ozz-2474658.jpg	229	4	Chinese	<button>Edit</button>	<button>Delete</button>
8	Momo's	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-neetu-laddha-6420698.jpg	229	4	Italian	<button>Edit</button>	<button>Delete</button>
9	Gujarat Dal	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-pixabay-209540.jpg	229	1	Indian	<button>Edit</button>	<button>Delete</button>
10	Mutton Roll	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-pixabay-461198.jpg	229	2	Indian	<button>Edit</button>	<button>Delete</button>
11	Burger	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-rajesh-tp-1633578.jpg	229	2	Indian	<button>Edit</button>	<button>Delete</button>
12	Orange soup in Ceramic Bowl	Chicken soup is one of the best comfort foods in my opinion. The hot and delicious soup slipping down your throat is one of the best feelings, especially when you are cold or sick/images/ProductImage/pexels-rodnae-productions-5737239.jpg	229	1	Maxican	<button>Edit</button>	<button>Delete</button>
13	Paneers Frys	Chicken soup is one of the best comfort foods in my opinion./images/ProductImage/pexels-sydney-troxell-712712.jpg	229	0	Maxican	<button>Edit</button>	<button>Delete</button>

Add products :



localhost:3000/Addproduct

FoodBox Contact Food Items Category search USER Cart 0

Add Product

name

price

Choose File No file chosen

desc

stocks

categories

Add Product



Update Product:

Edit Products

Name

Description

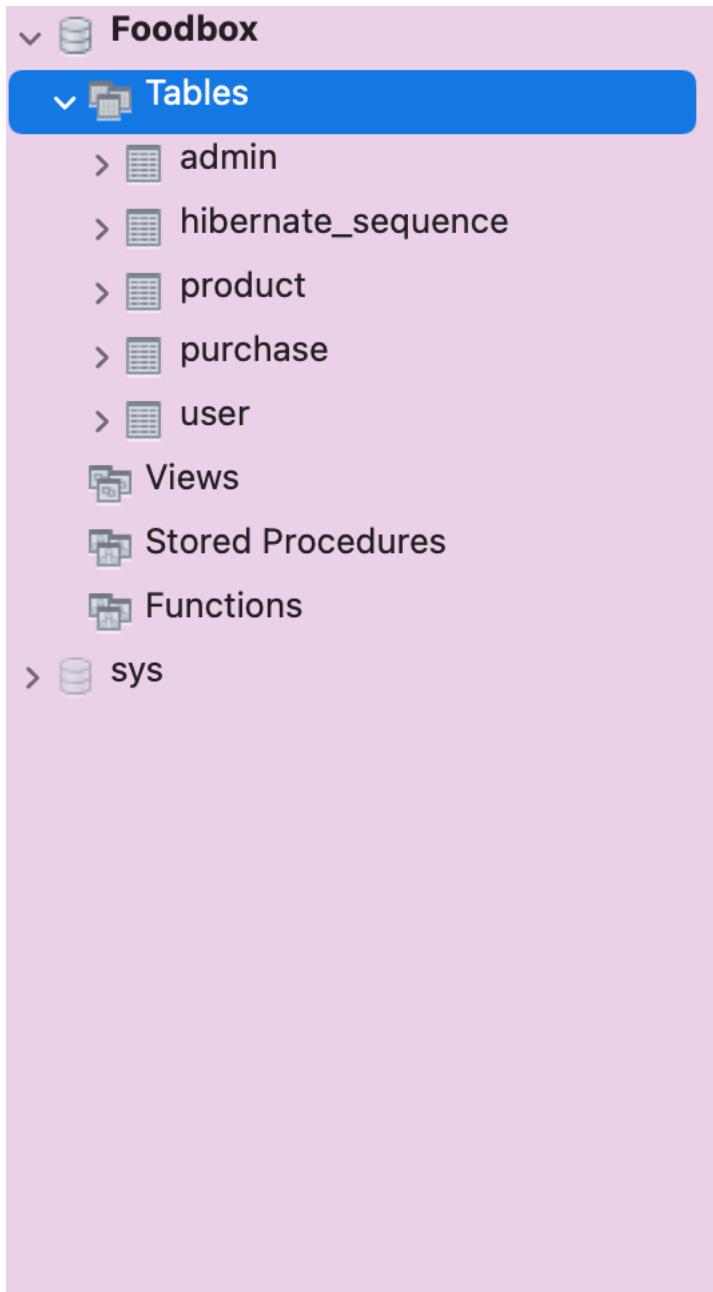
Image Source

Category

Price

Confirm

Database Table:



User Database Table:

Admin Table :

Result Grid

Filter Rows: Search

Edit: Export/Import:

	admin_id	admin_mail	admin_password
▶	23	sss	123
	24	sss	123
	113	suraj@food.com	12345
	114	suraj@food.com	12345
	115	suraj@food.com	12345
	116	suraj@food.com	12345
	117	suraj@food.com	12345
	118	suraj@food.com	12345
	NULL	NULL	NULL

Purchase Table Database:

The screenshot shows a MySQL Workbench interface with a result grid titled "Purchase Table Database". The grid displays data from a table with columns: purchase_id, categories, date, email, price, and purchase_name. There are two rows of data: one for purchase_id 01 (Indian food, suraj@foodbox.com, 105, suraj) and one for purchase_id 02 (Chines food, vijay.foodbox.com, 889, vijay). The remaining columns for these rows are filled with NULL values. The interface includes standard navigation and search tools at the top.

purchase_id	categories	date	email	price	purchase_name
01	Indian	11/02/2021	suraj@foodbox.com	105	suraj
02	Chines	NULL	vijay.foodbox.com	889	vijay
NULL	NULL	NULL	NULL	NULL	NULL

Conclusion :

Further improvements to the Application can be done which may include .

- Improve Design .
- Add multiple Payments Method.

