

Log2Base2

Subscription based E-Commerce Web application.

Aniket Panda	Deepankar Varma
Dhriti Ahuja	Suhani Desale
Syed Ali Mujtaba	Vaishnavi Pawar
Zeeman Chandra Deka	

TABLE OF CONTENTS

01

INTRODUCTION

02

CLASS DIAGRAM

03

ER DIAGRAM

04

USER INTERFACE

05

**CONCEPTS & KEY
FEATURES**

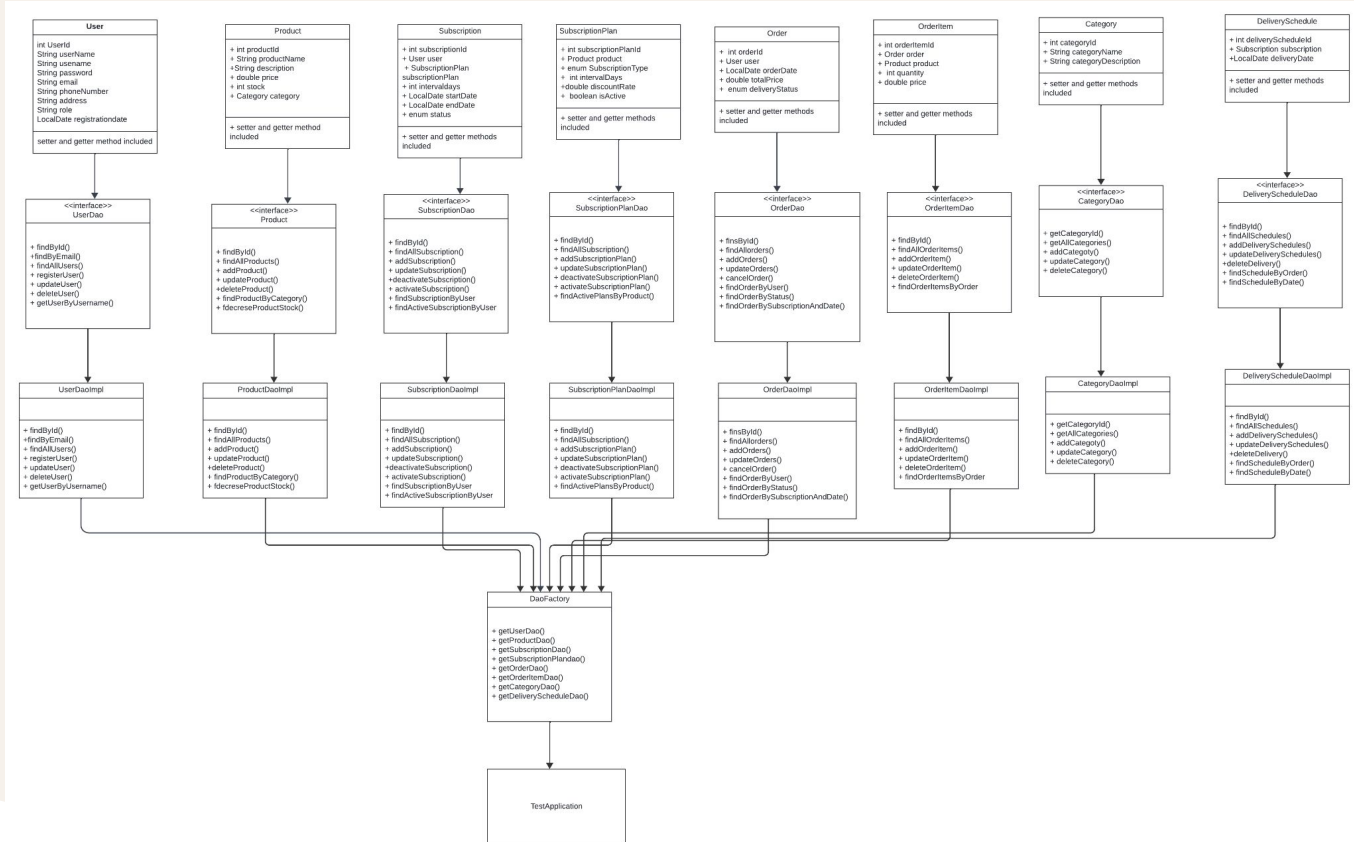
06

**TECHNOLOGY
STACK**

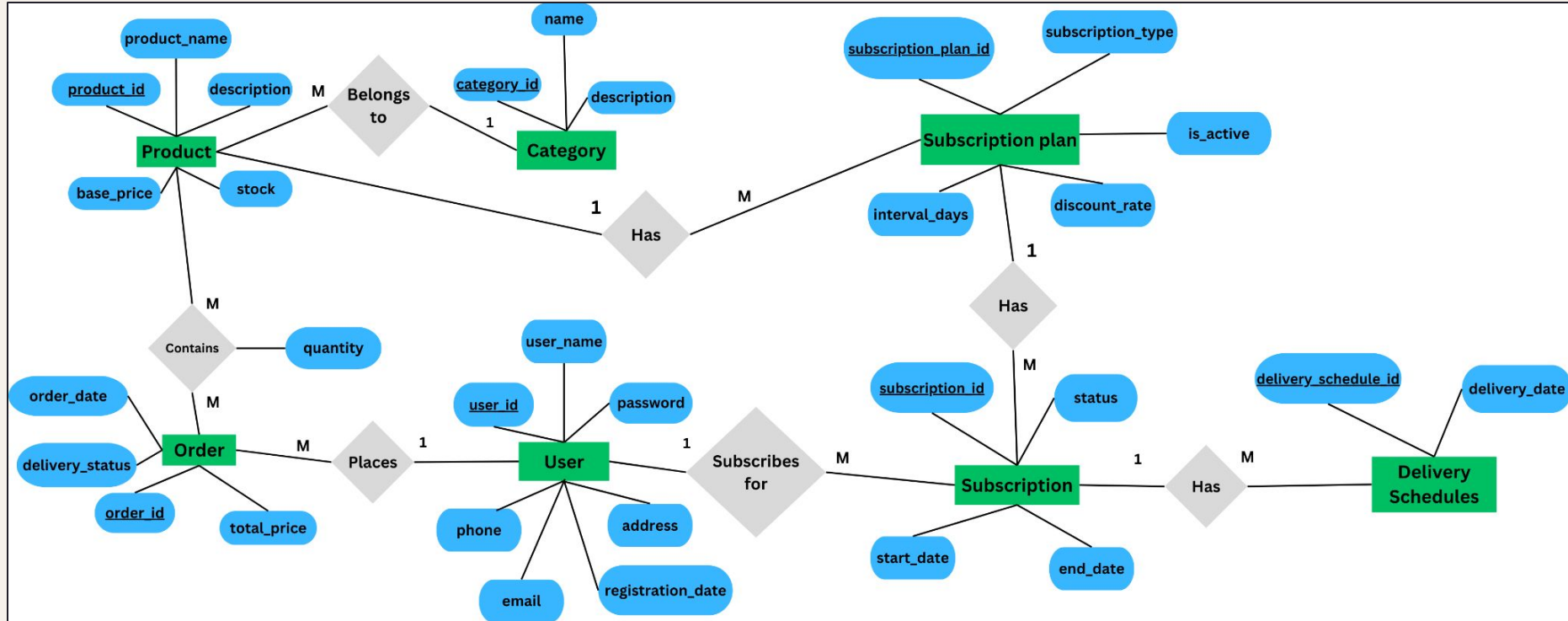
INTRODUCTION

This web application is a subscription-based e-commerce platform designed to provide customers with convenient and regular access to a wide range of food products, including organic fruits, vegetables, snacks, and ready-to-eat meals. By offering flexible subscription plans and consistent delivery schedules, the application ensures that customers receive essential food items without the hassle of reordering, while allowing admins to efficiently manage products and subscriptions.

CLASS DIAGRAM



ER DIAGRAM



USER INTERFACE

Hosted Link for frontend Pages : <https://log2-base2-code-fury-hse1.vercel.app/>

Credentials:




Admin

- Email : abc@xyz.com
- Password : 1111

Customer

- Email : def@xyz.com
- Password : 2222

USER INTERFACE

Freshly Delivered

Sign in to your account

Email:




Password:

Login

[Not a member? Create an account here](#)

© 2024 Freshly Delivered | Made by Log2Base2

Login[3]

Freshly Delivered

Create a new account

Full Name:

Email:

Password:

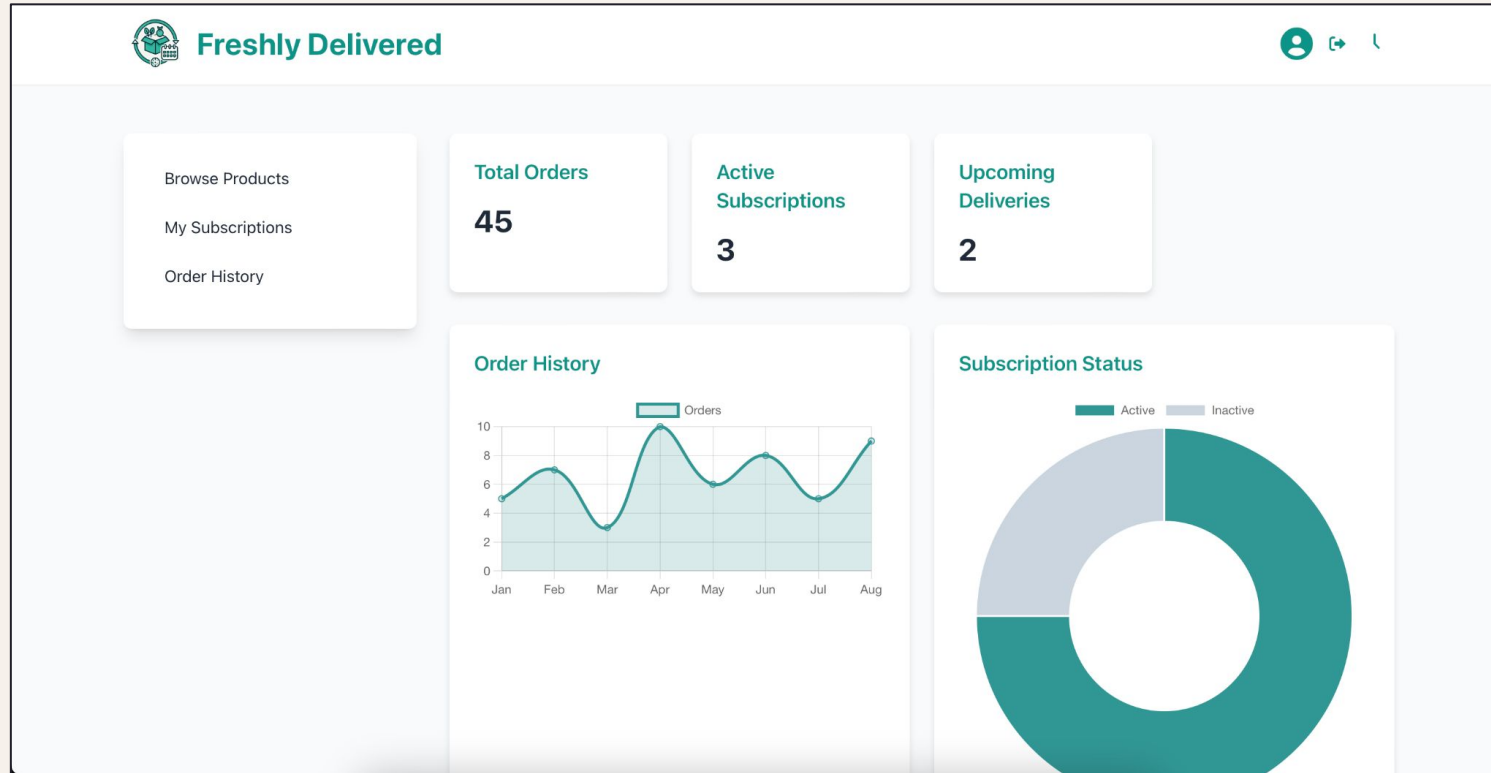
Confirm Password:

Register

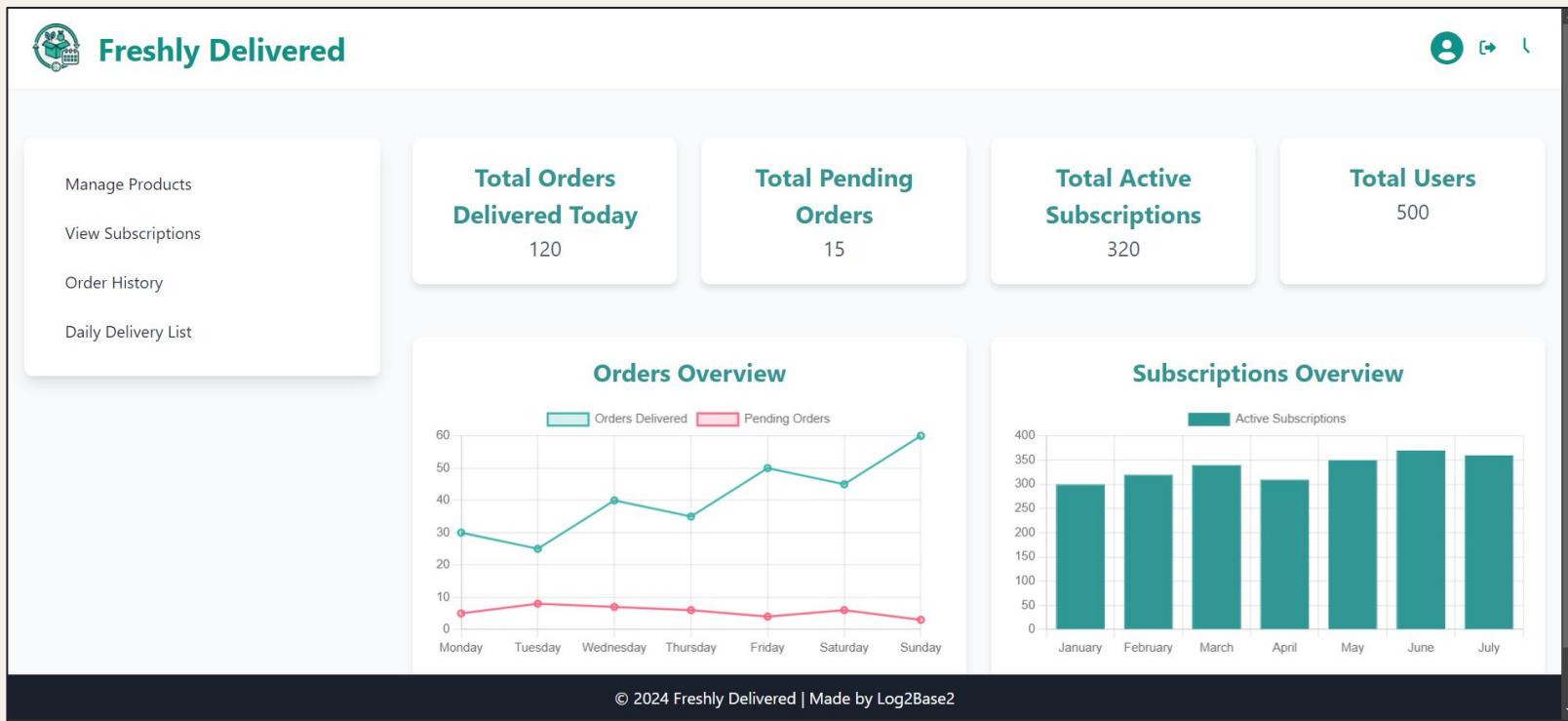
[Already a member? Log in here](#)

Register[4]

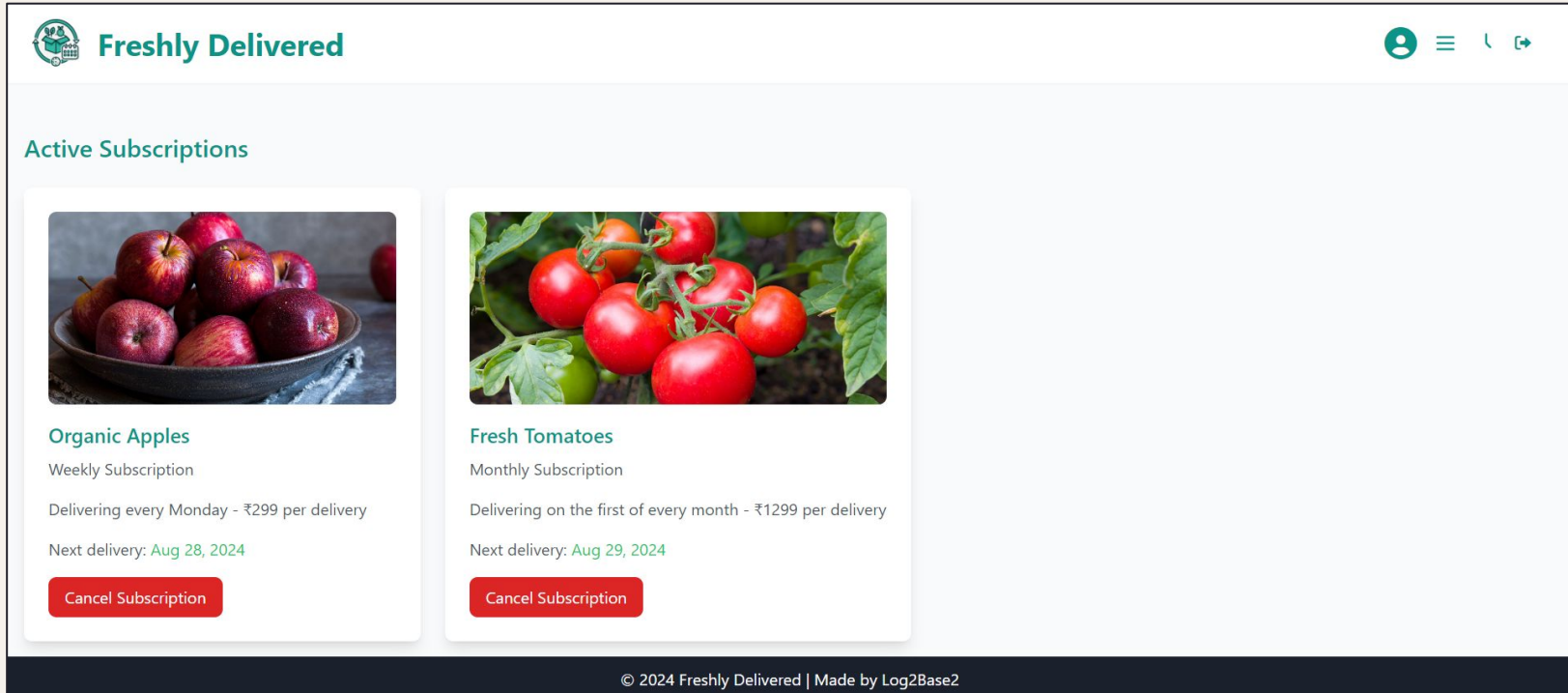
USER INTERFACE



USER INTERFACE



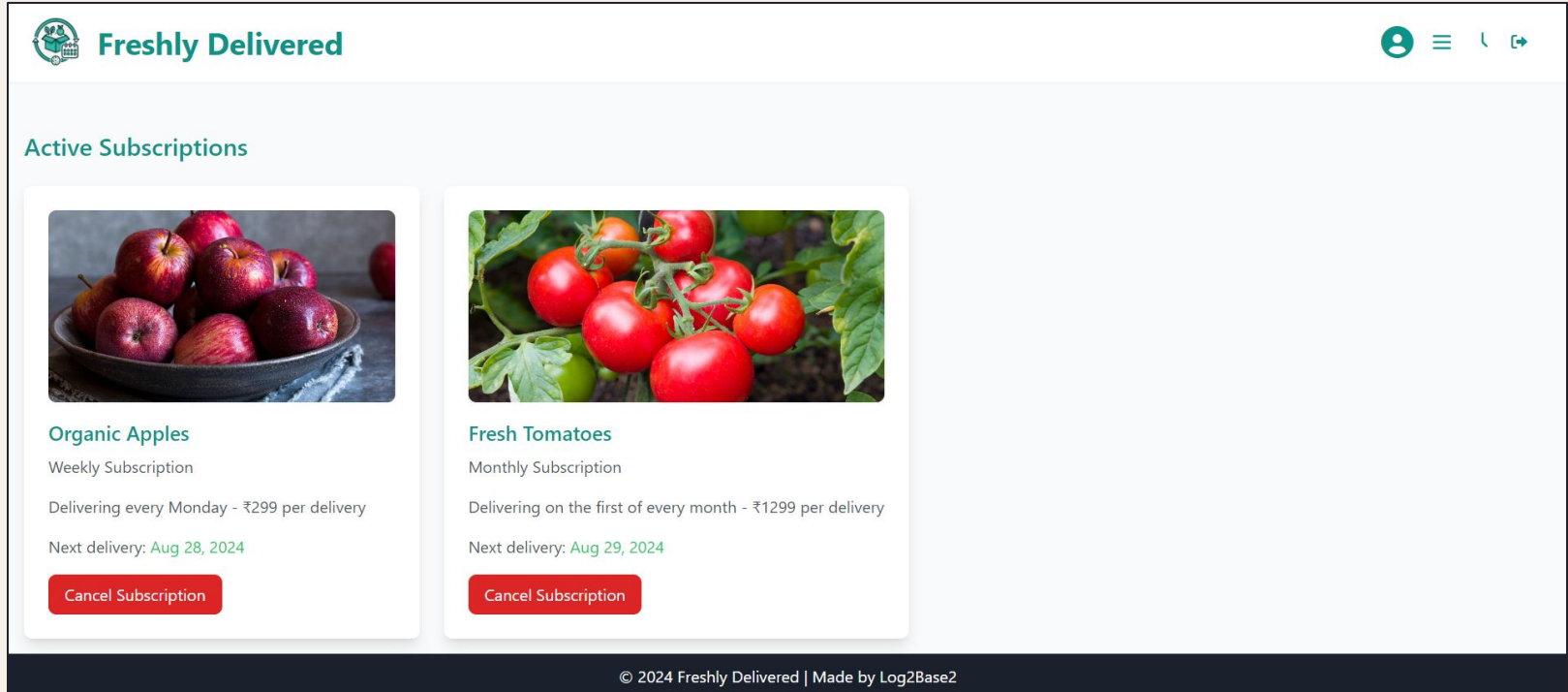
USER INTERFACE




USER INTERFACE







USER INTERFACE



USER INTERFACE

 Freshly Delivered



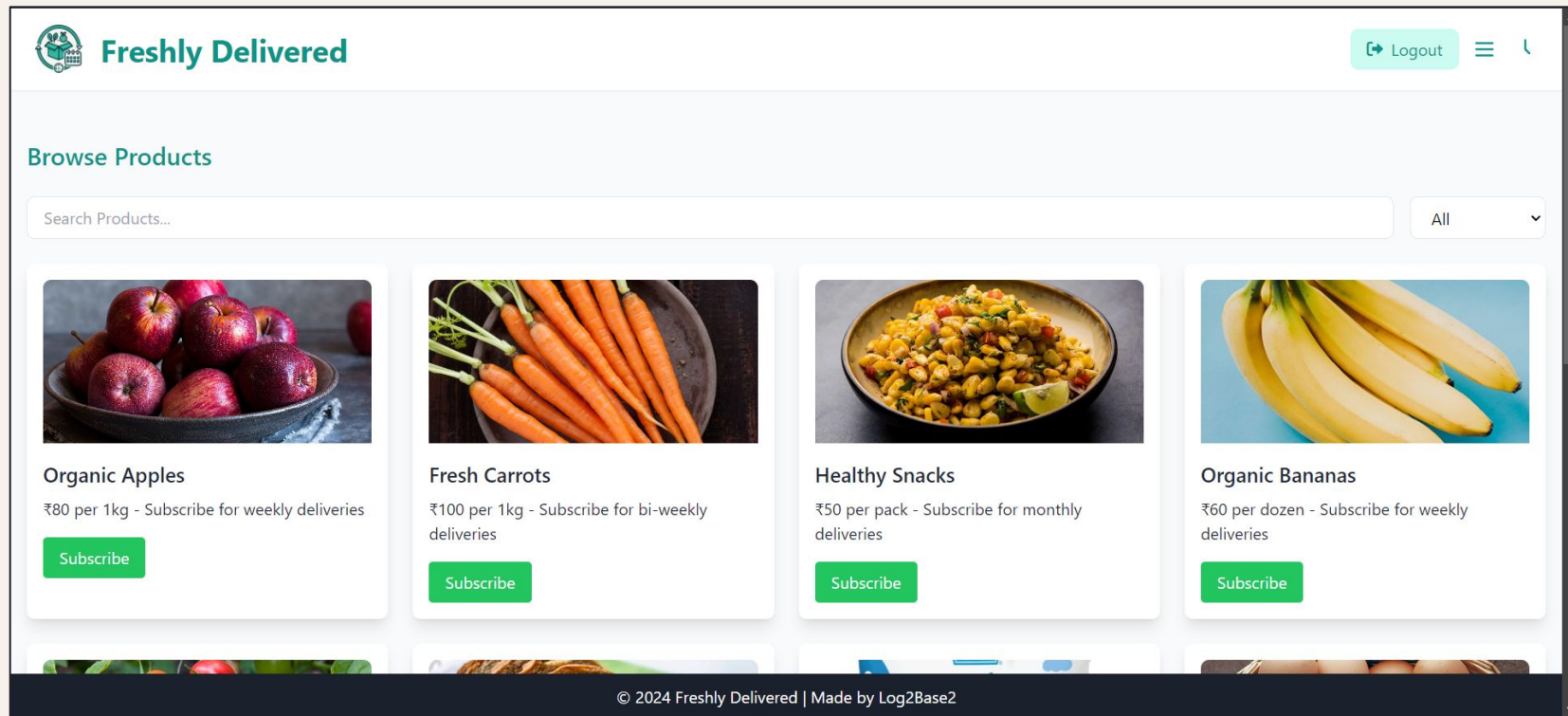
All Subscriptions

Search by customer name or subscription ID...

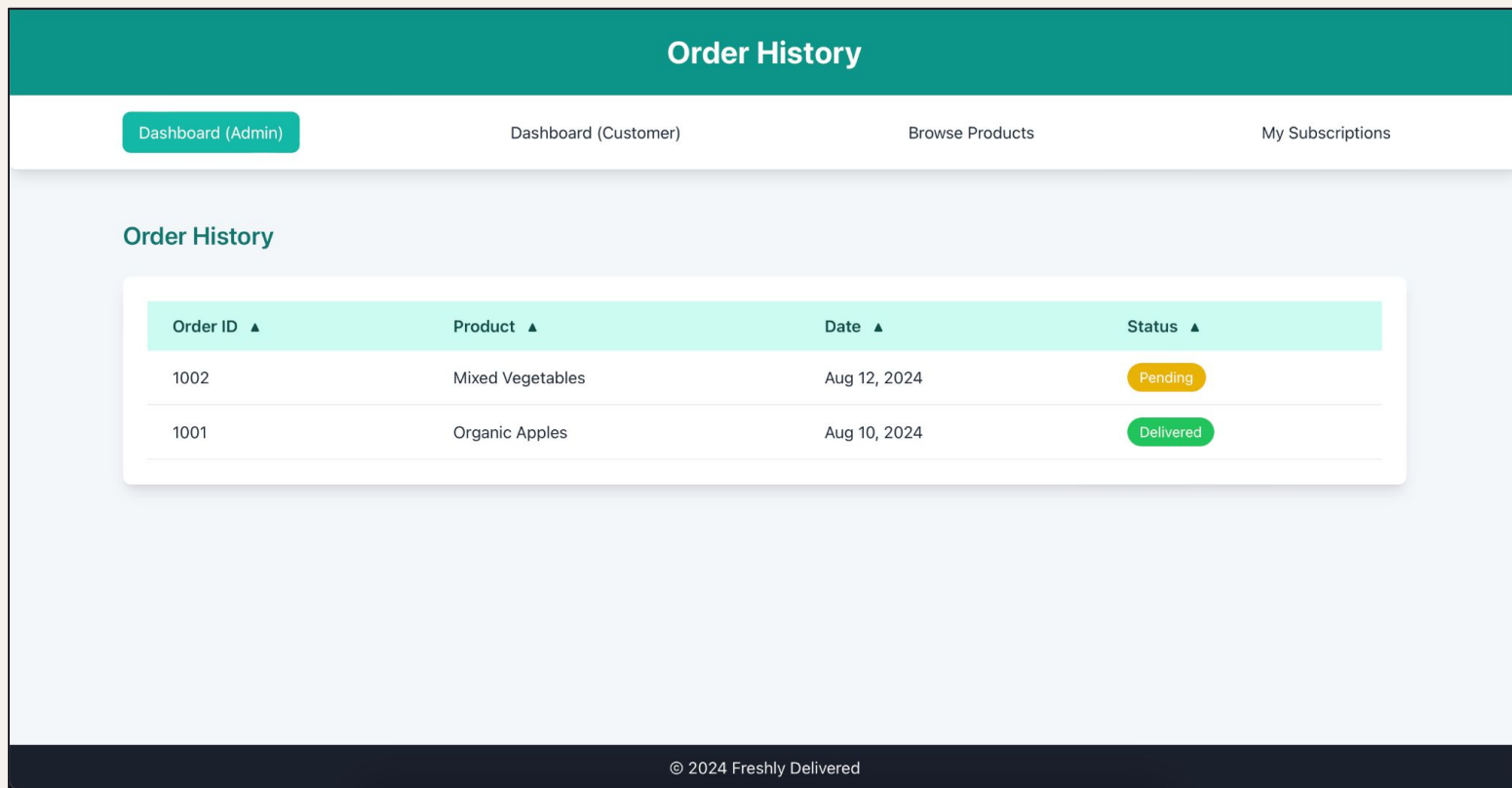
Subscription ID ▲	Customer ▲	Product ▲	Status ▲	Actions
2001	John Doe	Organic Apples	Active	<button>Deactivate</button>
2002	Jane Smith	Fresh Tomatoes	Inactive	<button>Activate</button>
2003	Lionel Messi	Organic Bananas	Active	<button>Deactivate</button>
2004	Marcus Rashford	Whole Wheat Bread	Inactive	<button>Activate</button>
2005	Jane Smith	Organic Milk	Inactive	<button>Activate</button>
2006	Taylor Swift	Greek Yogurt	Active	<button>Deactivate</button>

© 2024 Freshly Delivered | Made by Log2Base2

USER INTERFACE



USER INTERFACE



USER INTERFACE

Manage Products

[Dashboard \(Admin\)](#)[View Subscriptions](#)[Order History](#)[Daily Delivery List](#)

Product List

Product	Price	Actions
Organic Apples	\$5.99	Edit Delete
Mixed Vegetables	\$7.99	Edit Delete

Add New Product

Product Name:

Price:

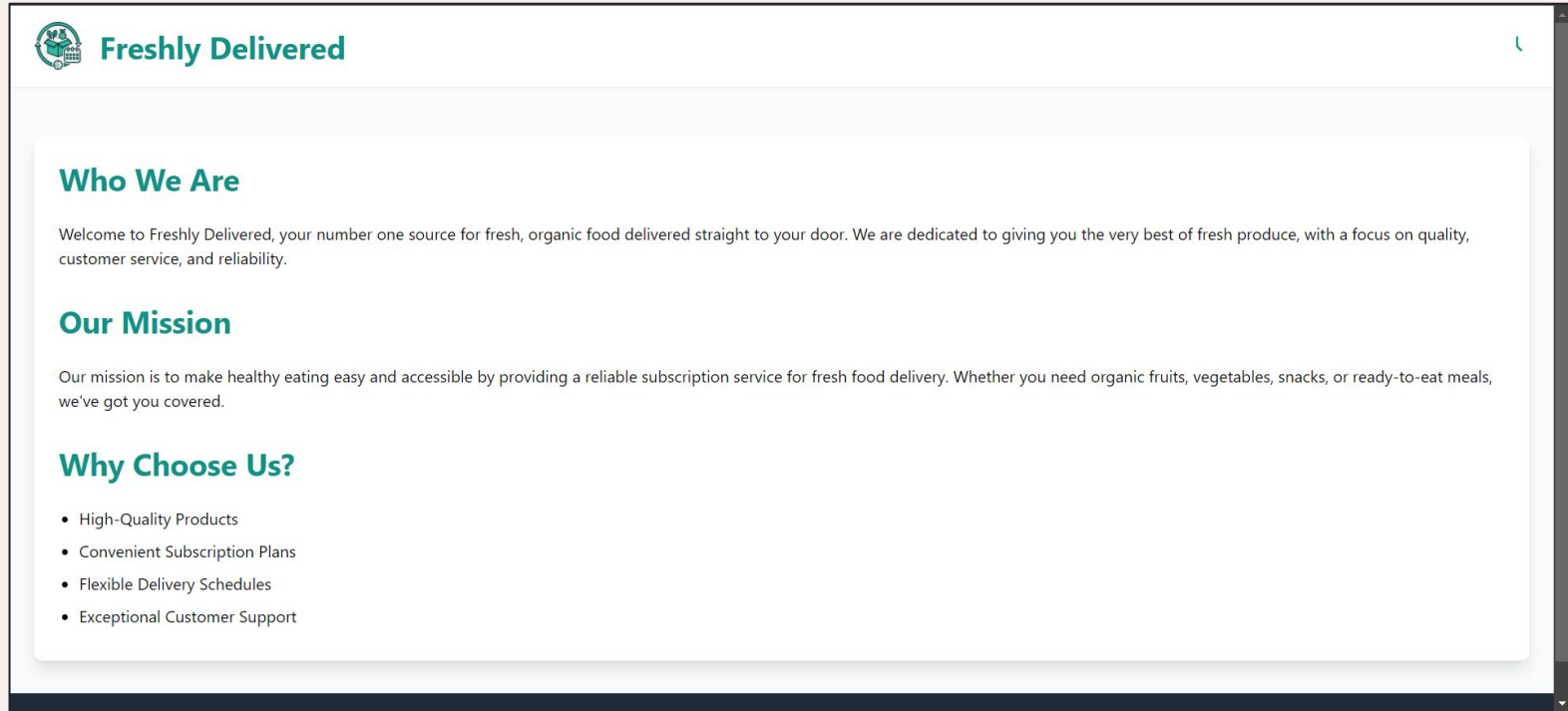
[Add Product](#)

© 2024 Freshly Delivered


USER INTERFACE

Daily Delivery List			
Dashboard (Admin)	Dashboard (Customer)	Browse Products	My Subscriptions
Deliveries for Aug 15, 2024			
Customer ▲	Product	Quantity	Address
John Doe	Organic Apples	1 Box	123 Elm St, Springfield
Jane Smith	Mixed Vegetables	2 Boxes	456 Oak St, Springfield

USER INTERFACE



USER INTERFACE

 **Freshly Delivered**

Get in Touch

If you have any questions, feedback, or would like to learn more about our services, please don't hesitate to reach out to us. We are here to help you!

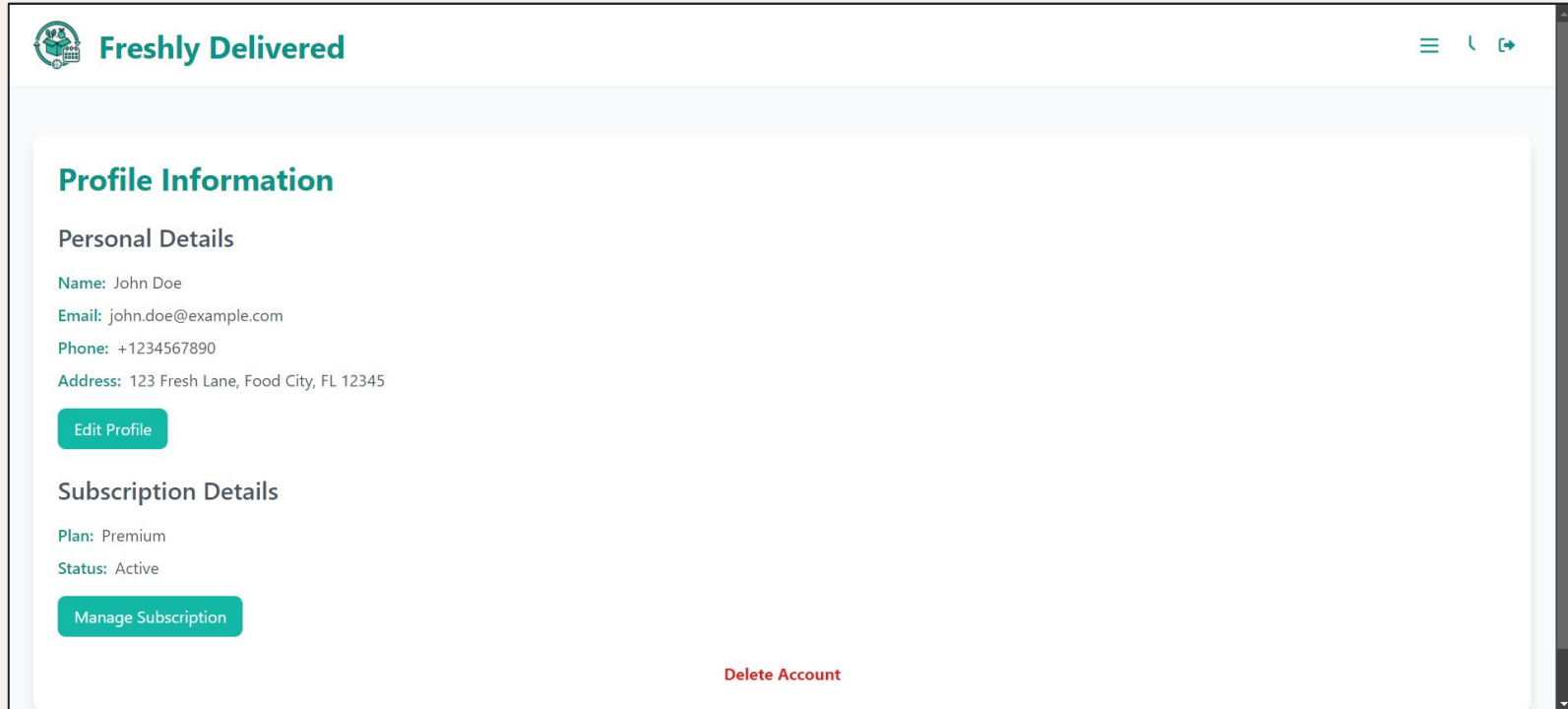
Name:

Email:

Message:

© 2024 Freshly Delivered | Made by Log2Base2

USER INTERFACE



CONCEPT & KEY FEATURES

Frontend	Backend
Search Bar in Browse Products: Customers can easily search for their favorite products and choose the plan.	If Admin is not presented in Database our application creates a sample admin
Filter option in Browse Products: This feature will filter out the products based on four categories - all, fruits, vegetables, and others.	When Order Status is Updated to delivered, stock is reduced parallely
Customers can register, log in, and manage subscriptions with flexible plans, including options to subscribe, cancel, and customize start/end dates.	Admin has broader view to everything i.e. can view users , subscriptions , daily delivery schedule, Order history and manage them accordingly
Admins can manage products, subscriptions, view order history, and access a delivery dashboard.	When subscription plan is created e.g. monthly it is not directly added to orders creating 30 entries, whereas updated according to delivery schedule reducing latency

TECHNOLOGY STACK

Frontend	Backend
HTML: Structure and content of the web pages.	Java
CSS: Tailwind CSS for styling and responsive design.	MySQL Connector/J: A JDBC driver for MySQL.
JavaScript: Handles user interactions and subscription management.	JUnit Jupiter Engine: The core engine for JUnit 5. JUnit Jupiter API: The API for writing tests in JUnit 5.
Tailwind CSS Components --> Grid Layouts: Used for displaying products in a responsive grid. --> Responsive Design: Ensures the application works well on various screen sizes. --> Buttons: Styled with Tailwind CSS for consistent and modern design. --> Cards: Used to display product details and subscription information.	Mockito Core: A mocking framework for unit tests. Mockito JUnit Jupiter: Integration of Mockito with JUnit 5.

The background features abstract geometric shapes: a large blue circle in the top-left, a black quarter-circle in the top-left, a white circle in the top-right, and a black semi-circle in the bottom-center.

THANK YOU