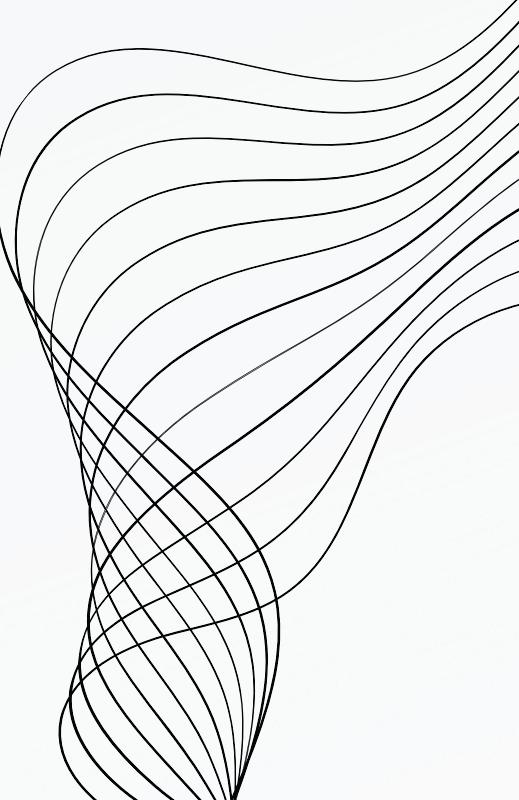


BigCart

Subscription based e-commerce application

by Team TechTitans



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- 01** ABOUT OUR TEAM
- 02** APPLICATION FEATURES
- 03** USER INTERFACE
- 04** TOOLS USED
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TEAM- TECHTITANS

FRONTEND TEAM

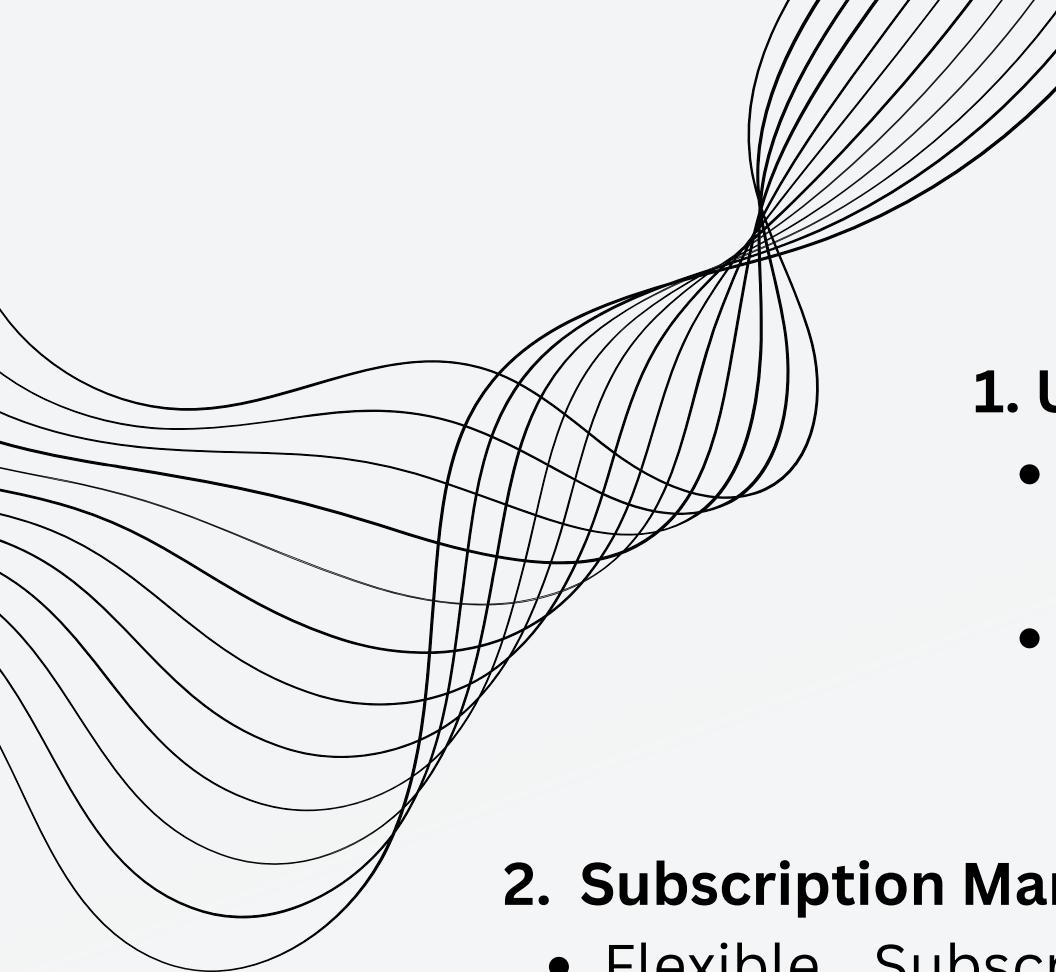
- 01** SHIVANI CHITKULA
- 02** INDALA JAI SURYA
ABHISHEK
- 03** PRAKRITI RAWAT
- 04** DEVESH PUNDIR



BACKEND TEAM

- 01** SATYAM RAWAT
- 02** PARAM ARORA
- 03** PALAK GOYAL





Application Features

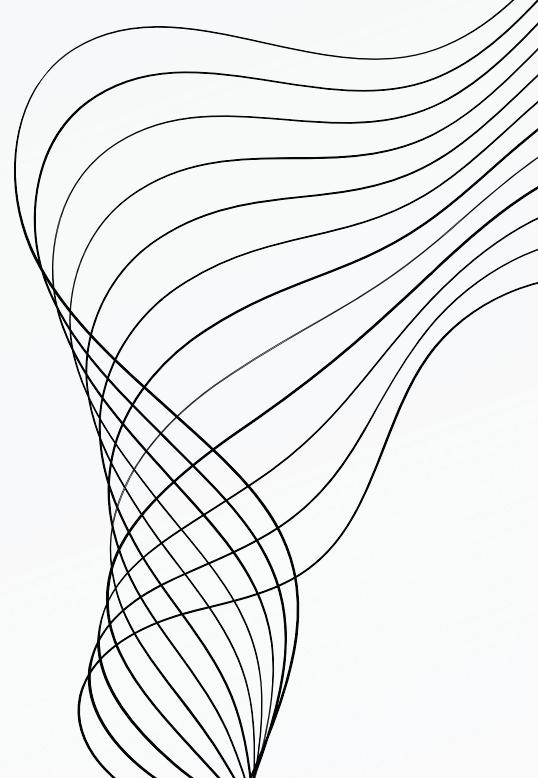
1. User Registration & Authentication

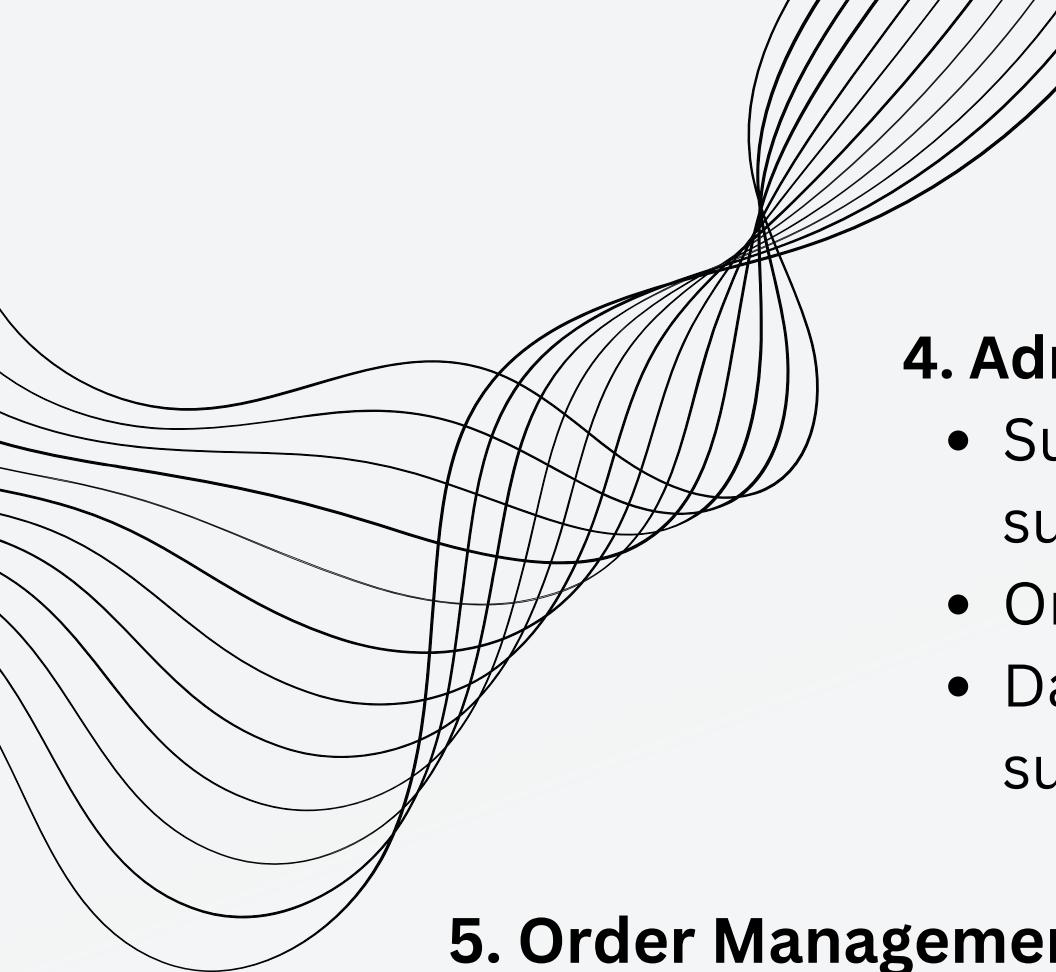
- Customer Registration: Secure sign-up process for new customers with validation for all required fields.
- Login & Authentication: Secure login mechanism for both customers and admins with email and password validation.

2. Subscription Management

- Flexible Subscription Plans: Customers can choose from weekly, bi-weekly, monthly, and customizable subscription options.
- Automatic Replenishment: Products are automatically delivered based on the customer's selected subscription frequency.
- Subscription Customization: Customers can set specific start and end dates for their subscriptions.
- Subscription Cancellation: Customers can cancel their subscriptions at any time.

3. Product Catalog

- Wide Range of Products: Includes organic fruits, vegetables, snacks, ready-to-eat meals, and more.
 - Product Management: Admins can add, update, and delete products from the catalog.
 - Dynamic Pricing: Different pricing options for one-time purchases and subscriptions.
 - Product Subscription Options: Admins can define multiple subscription types for each product.
- 



Application Features

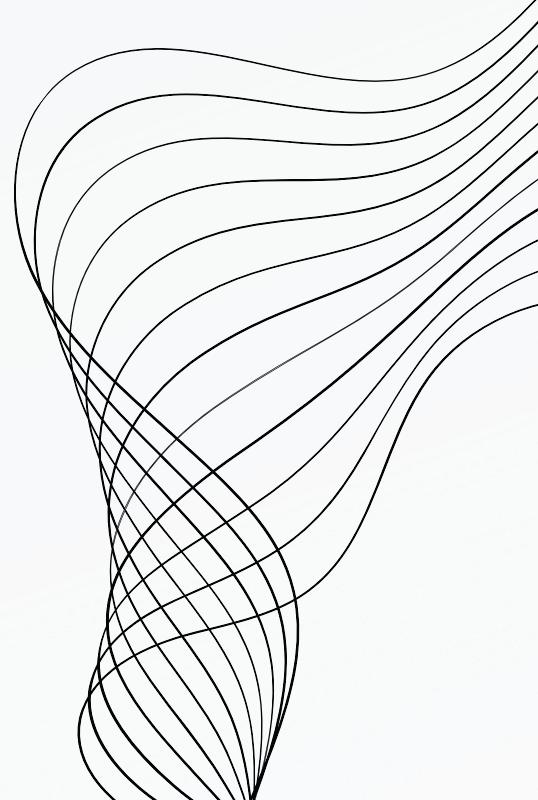
4. Admin Dashboard

- Subscription Control: Admins can activate or deactivate subscriptions and view all active/inactive subscriptions.
- Order Management: View and manage order history with detailed insights into customer orders.
- Daily Delivery Lists: Admins can view and manage daily delivery schedules based on active subscriptions.

5. Order Management

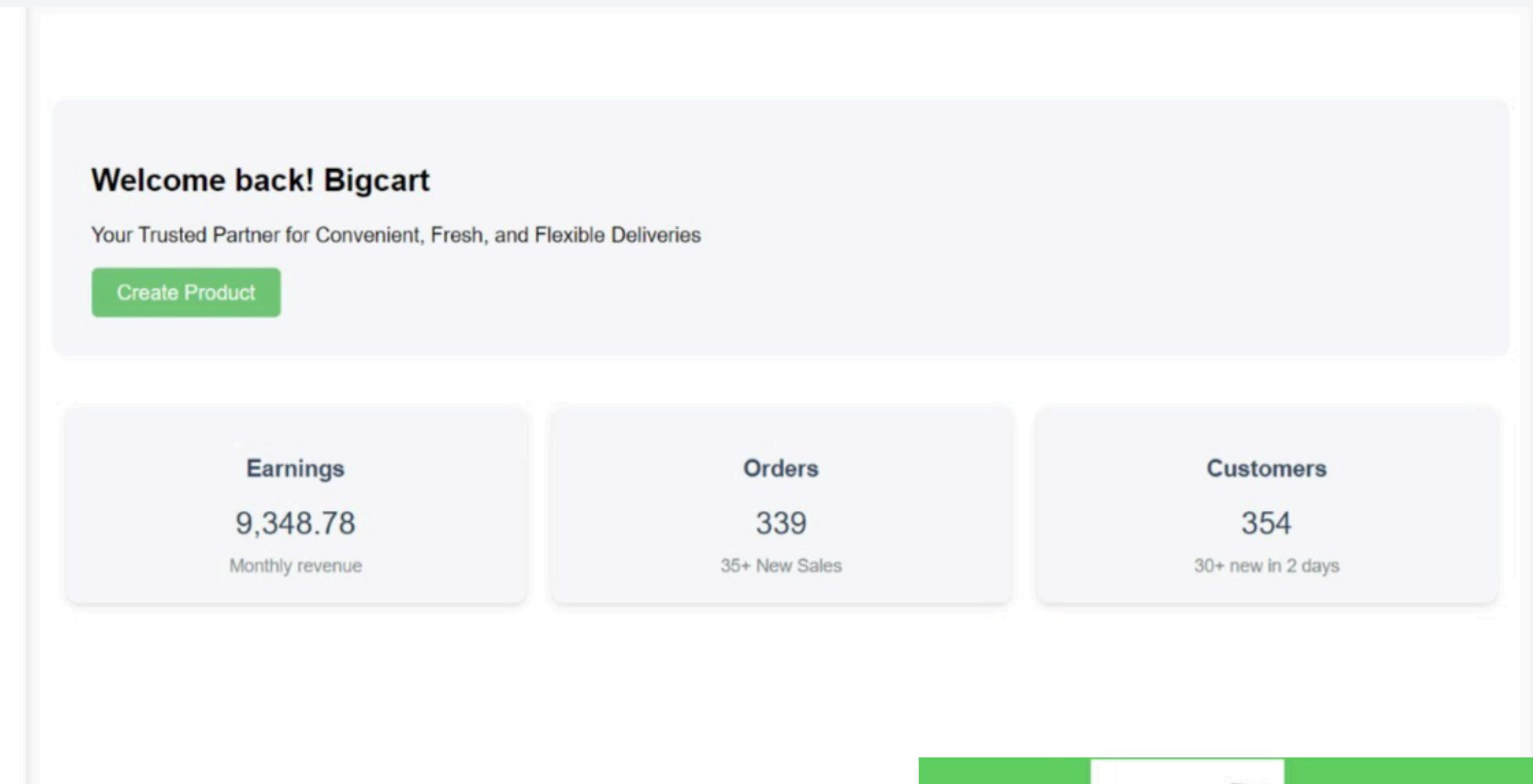
- Recurring Orders: Automatically generated orders based on active subscriptions.
- Order History: Customers and admins can view past orders, including order details and statuses.
- Order Dashboard: Admin interface to monitor and manage customer orders.

6. User-Friendly Interface



- Responsive Design: Accessible on desktops, tablets, and mobile devices.
- Intuitive Navigation: Easy-to-use navigation for quick access to all features.
- Customer Dashboard: Personalized customer dashboard displaying active subscriptions, order history, and account details.

User Interface



Welcome back! Bigcart

Your Trusted Partner for Convenient, Fresh, and Flexible Deliveries

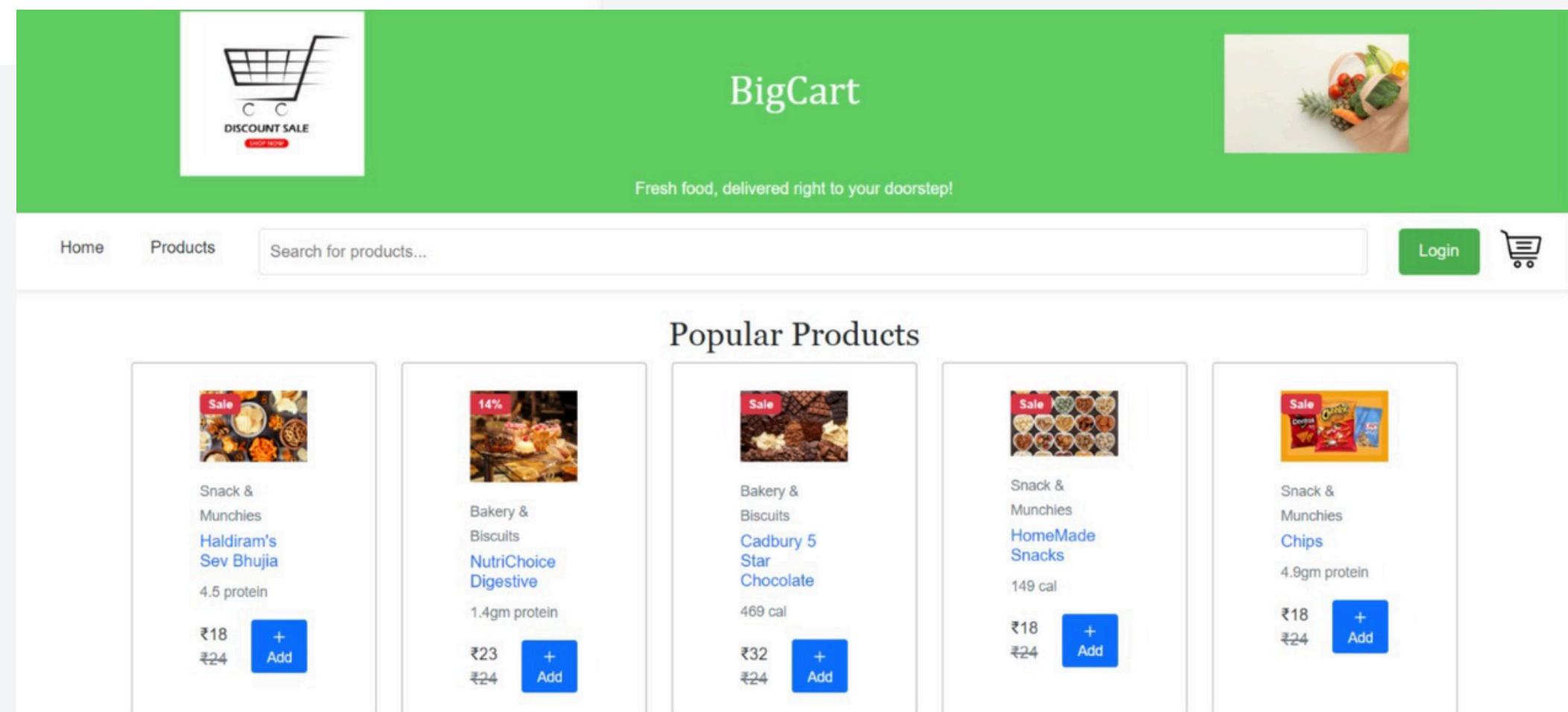
[Create Product](#)

- [Dashboard](#)
- [Add Product](#)
- [Update Product](#)
- [Delete Product](#)
- [View All Products](#)
- [Order Dashboard](#)
- [View / Manage Subscription](#)
- [Daily Delivery List](#)
- [Logout as Admin](#)

Earnings
9,348.78
Monthly revenue

Orders
339
35+ New Sales

Customers
354
30+ new in 2 days



BigCart

Fresh food, delivered right to your doorstep!

[Home](#) [Products](#) [Login](#) 

Popular Products

Product Category	Product Name	Offer	Calories	Price	Add
Snack & Munchies	Haldiram's Sev Bhujia	Sale	4.5gm protein	₹18 ₹24	+ Add
Bakery & Biscuits	NutriChoice Digestive	14%	1.4gm protein	₹23 ₹24	+ Add
Bakery & Biscuits	Cadbury 5 Star Chocolate	Sale	469 cal	₹32 ₹24	+ Add
Snack & Munchies	HomeMade Snacks	Sale	149 cal	₹18 ₹24	+ Add
Snack & Munchies	Chips	Sale	4.9gm protein	₹18 ₹24	+ Add

User Interface

Your Cart

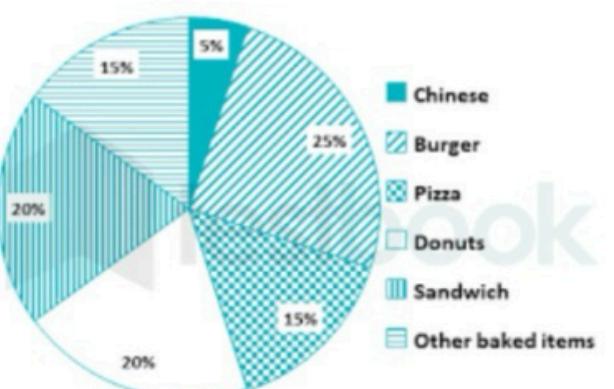
[Continue Shopping](#)

	Haldiram's Sev Bhujia	Price: ₹18	Quantity: 5	Total: ₹90.00	+	-	Remove
	Cadbury 5 Star Chocolate	Price: ₹32	Quantity: 1	Total: ₹32.00	+	-	Remove
	NutriChoice Digestive	Price: ₹23	Quantity: 2	Total: ₹46.00	+	-	Remove
	Snacks & Munchies	Price: ₹50	Quantity: 1	Total: ₹50.00	+	-	Remove
	Dairy, Bread & Eggs	Price: ₹18	Quantity: 1	Total: ₹18.00			

[View All Products](#)

[Proceed to Checkout](#)

Order Dashboard



Category	Percentage
Chinese	5%
Burger	25%
Pizza	20%
Donuts	15%
Sandwich	15%
Other baked items	20%

Order Details

Serial No.	Product Name	Order Date	Product ID	Customer ID	Customer Name	Subscription Type	Quantity Ordered	Total Price	Delivery Date
1	Apple	2024-08-20	PRD001	CUST001	John Doe	Weekly	5 pc	₹250	2024-08-22
2	Banana	2024-08-21	PRD002	CUST002	Jane Smith	Monthly	12 pc	₹70	2024-09-01

User Interface

Add New Product

Product Name

Description

Price (₹)

Quantity

Subscription Options

+ Add Subscription

Add Product

Popular Products

 Snack & Munchies Haldiram's Sev Bhujia 4.5 protein ₹18 ₹24 + Add

 Bakery & Biscuits NutriChoice Digestive 1.4gm protein ₹23 ₹24 + Add

 Bakery & Biscuits Cadbury 5 Star Chocolate 469 cal ₹32 ₹24 + Add

 Snack & Munchies HomeMade Snacks 149 cal ₹18 ₹24 + Add

 Snack & Munchies Chips 4.9gm protein ₹18 ₹24 + Add

 Instant Food Salted Instant Popcorn 2.7 fat ₹18 + Add

 Dairy, Bread & Eggs Blueberry Greek Yogurt 4gm protein ₹18 + Add

 Dairy, Bread & Eggs Britannia Cheese Slices 90 fat ₹18 + Add

 Instant Food Kellogg's Original Cereals 90 fat ₹18 + Add

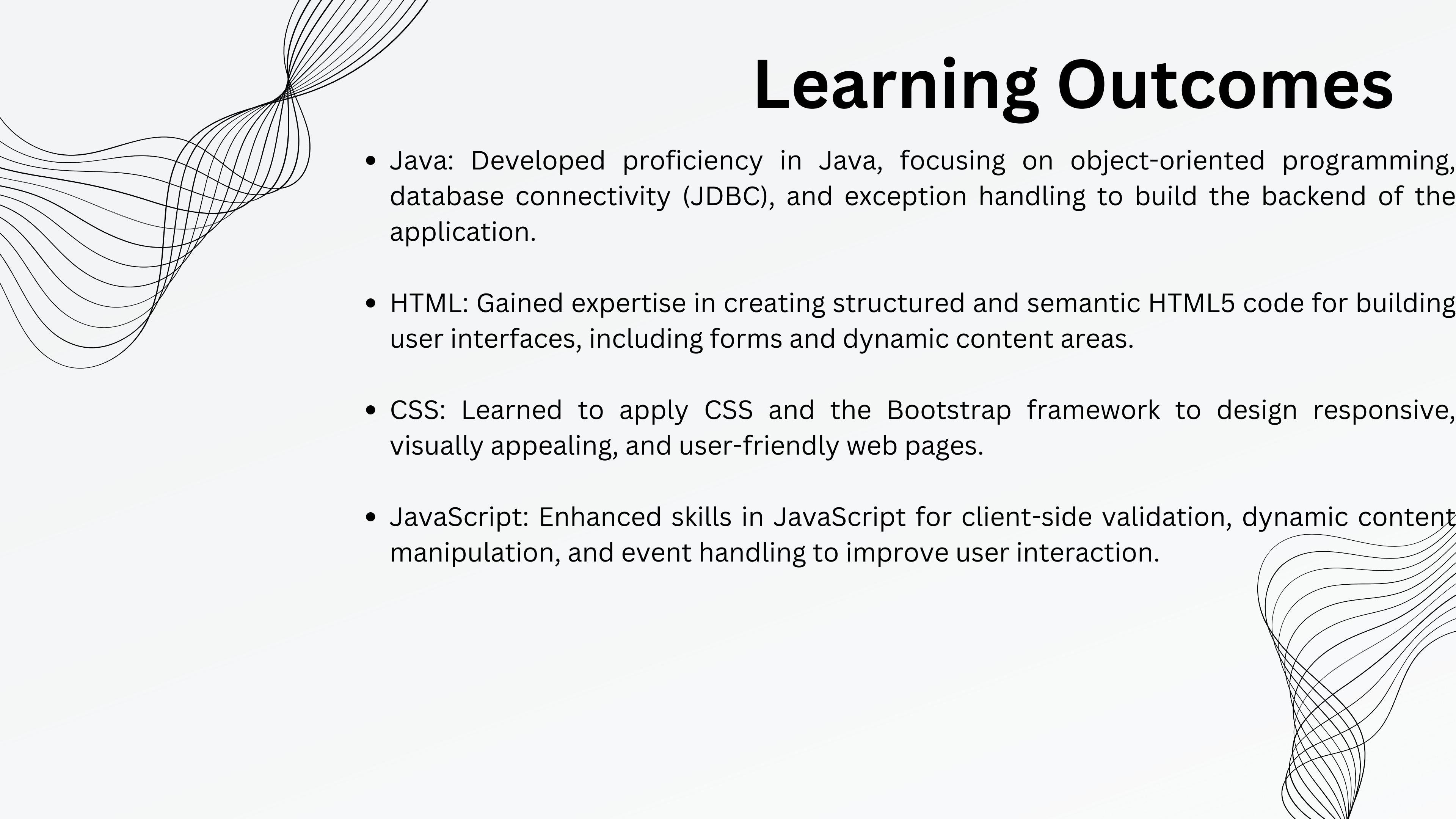
 Snack & Munchies Slurp Millet Chocolate 67gm Protein ₹18 + Add

Tools Used

- VSCode: Utilized Visual Studio Code for efficient HTML, CSS, and JavaScript development with its powerful extensions and integrated terminal.
- IntelliJ IDEA: Leveraged IntelliJ IDEA for Java development, taking advantage of its advanced code analysis, refactoring tools, and seamless integration with version control.
- GitHub: Used GitHub for version control and collaboration, managing code repositories, tracking changes, and facilitating team collaboration.
- MySQL: Employed MySQL as the database management system to design, implement, and manage the application's relational database.

Tools Used

- Draw.io: Created UML and ER diagrams using Draw.io to visually model the system architecture and data relationships, ensuring a clear design.
- Google Meet: Conducted virtual meetings and project discussions using Google Meet, enabling real-time collaboration with team members.
- Google Docs: Used Google Docs for collaborative document creation, allowing multiple contributors to work on project documentation simultaneously.



Learning Outcomes

- Java: Developed proficiency in Java, focusing on object-oriented programming, database connectivity (JDBC), and exception handling to build the backend of the application.
- HTML: Gained expertise in creating structured and semantic HTML5 code for building user interfaces, including forms and dynamic content areas.
- CSS: Learned to apply CSS and the Bootstrap framework to design responsive, visually appealing, and user-friendly web pages.
- JavaScript: Enhanced skills in JavaScript for client-side validation, dynamic content manipulation, and event handling to improve user interaction.

Learning Outcomes

- SQL: Acquired knowledge in designing and managing relational databases, writing efficient SQL queries, and handling transactions to ensure data integrity.
- UML Diagrams: Learned to create UML diagrams, including class, use case, and sequence diagrams, to visually model the system's architecture and behavior.
- ER Diagrams: Developed the ability to design ER diagrams to model the application's data structure and ensure a normalized, efficient database schema.
- Collaboration: Gained experience in collaborating with team members using tools like Google Meet and Google Docs, facilitating seamless communication, real-time document sharing, and efficient project management.