



# SB Foods

# Delivery

Free Shipping on all orders



- @sbfoodsgreatsite
- [www.sbfoods.com](http://www.sbfoods.com)

order now

# **SB Foods – Food Ordering App**

**A Seamless Food Ordering Experience**

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# INTRODUCTION

## Purpose:

- To connect users with restaurants for a smooth food ordering experience.
- Empower restaurant owners with effective management tools.

## Key Features:

- User-Friendly Interface
- Real-Time Order Confirmation
- Role-Based Dashboards
- Comprehensive Dish Details
- Admin and Restaurant Management



# PROJECT ARCHITECTURE

## Frontend:

- React.js for a modular and responsive interface.
- Key components: Authentication, Product Display, Cart, Dashboards.
- State Management: Context API / Redux.

## Backend:

- Node.js and Express.js for scalable server logic.
- RESTful APIs for seamless frontend-backend communication.
- JWT-based Authentication & Role Management.

## Database:

- MongoDB with collections for Users, Restaurants, Products, Orders, and Cart.

# KEY FEATURES



- For Users:
  - Browse Restaurants and Menu Items.
  - Add to Cart and Checkout.
  - View Order History.
- For Restaurant Owners:
  - Manage Menus (Add/Edit/Delete).
  - Monitor Orders.
- For Admins:
  - Approve Restaurants.
  - Manage Users and Orders.
- Real-Time Features:
  - Order Confirmation and Tracking.



# SETUP INSTRUCTIONS

- Prerequisites:
  - Node.js and MongoDB.
- Steps to Run:
  - Backend: npm install, npm start (Port 5000).
  - Frontend: npm install, npm start (Port 3000).
- Access:
  - Open <http://localhost:3000>.
  - Ensure both servers are running.



# API OVERVIEW

- User Management:
  - Register User: /api/users/register
  - Login User: /api/users/login
- Product Management:
  - Get All Products: /api/products
  - Add Product (Restaurant Owner): /api/products
- Order Management:
  - Place Order: /api/orders
  - Get User Orders: /api/orders/{userId}



# AUTHENTICATION & AUTHORIZATION

- Authentication Flow:
- Registration → Login → Token Generation (JWT).
- Role-Based Access Control (RBAC):
  - User: Manage Profile, Place Orders.
  - Restaurant Owner: Manage Menu.
  - Admin: Approve Restaurants, Manage Users.
- Security:
  - Password Hashing (bcrypt).
  - JWT for Stateless Sessions.



# USER INTERFACE SNAPSHOTS

- Include Visuals of the Following:
  - Landing Page
  - Restaurant Menu
  - Cart and Checkout
  - Admin Dashboard
  - User Profile
- Description for Each UI:
  - Briefly explain the functionality and design.



# FUTURE ENHANCEMENTS

- Planned Features:
  - User Reviews and Ratings.
  - Payment Gateway Integration (e.g., Stripe, PayPal).
  - Multi-Language & Currency Support.
  - Advanced Restaurant Rating System.



# DEMO VIDEO

## ***Highlight:***

- Show a walkthrough of the app functionality, featuring user, admin, and restaurant flows.
- Provide the link: [https://drive.google.com/file/d/1fem-9O4V0lTK\\_oQrgjiJpQmvRWyAU8\\_E/view](https://drive.google.com/file/d/1fem-9O4V0lTK_oQrgjiJpQmvRWyAU8_E/view)

