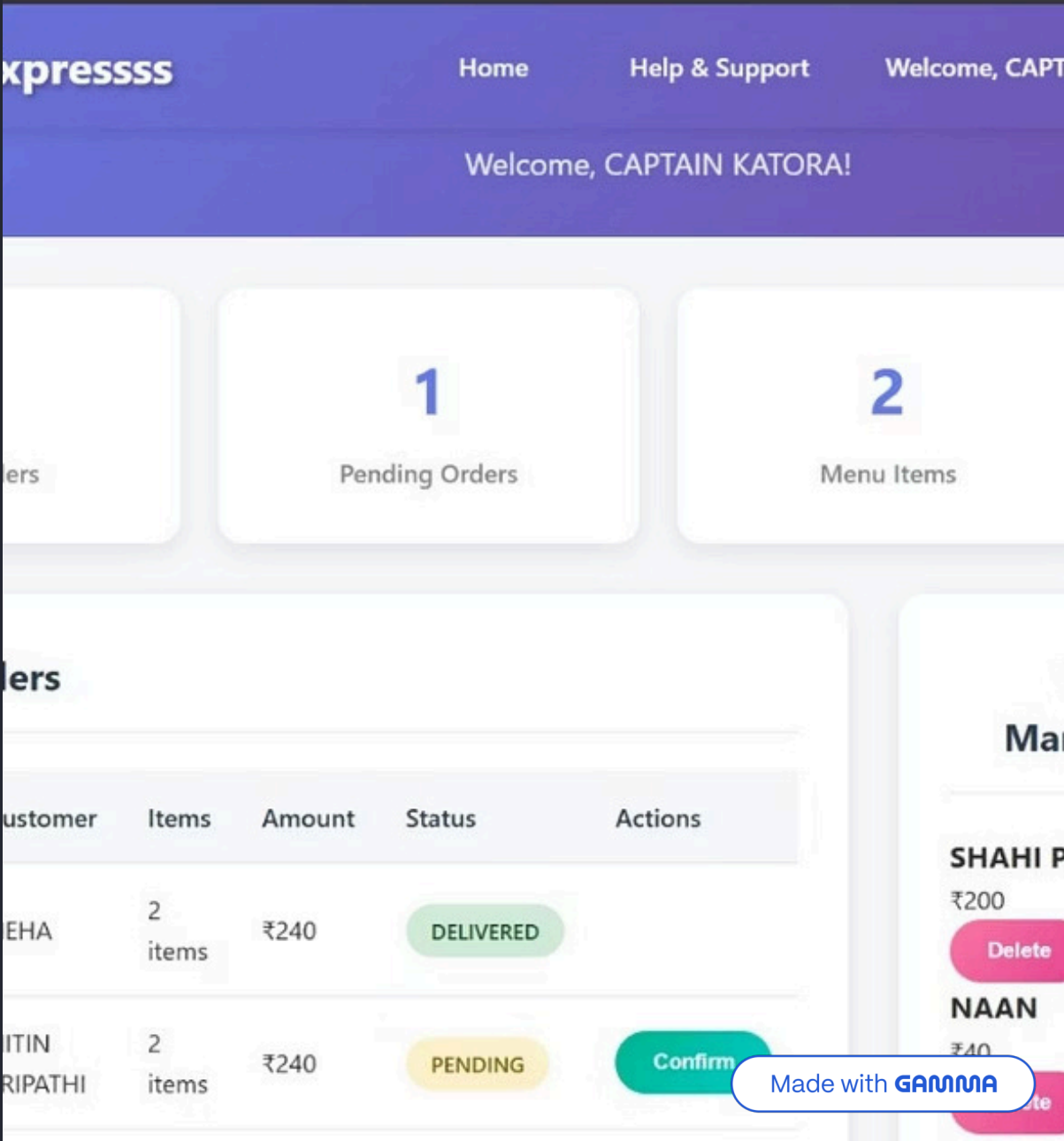


# NSS Food Delivery: A Prototype Showcase

Revolutionizing the way you experience food delivery.



# Our Vision for Seamless Food Experiences

## Enhanced User Experience

Creating an intuitive and delightful journey from browsing to delivery.

## Efficient Order Management

Streamlining processes for quick and accurate order fulfillment.

## Robust Platform

Building a scalable and reliable system for future growth.

This prototype is designed to address key challenges in food delivery, offering a glimpse into the future of convenience and culinary satisfaction.

# User-Centric Design: Homepage & Navigation

The screenshot displays the NSS-FoodExpress website interface. A modal titled 'Create Support Ticket' is open, featuring the following fields: Name (filled with 'RAHUL'), Email (filled with 'r@gmail.com'), Phone (Optional), Category (dropdown menu with 'Other' selected), Subject (filled with 'Brief description of your issue'), and Message (filled with 'Please describe your issue in detail...'). A 'Create Ticket' button is at the bottom of the modal. The background shows the website's navigation bar with links for Home, User & Account, Welcome, RAHUL, Dashboard, and Logout. The left sidebar contains a 'Help & Support' section with frequently asked questions and contact support options (Phone, Email, Live Chat).

The homepage prioritizes **easy access to popular categories and personalized recommendations.**

- Clear search bar for quick restaurant or cuisine lookup.
- Prominent display of daily specials and featured partners.
- Intuitive navigation for seamless browsing.

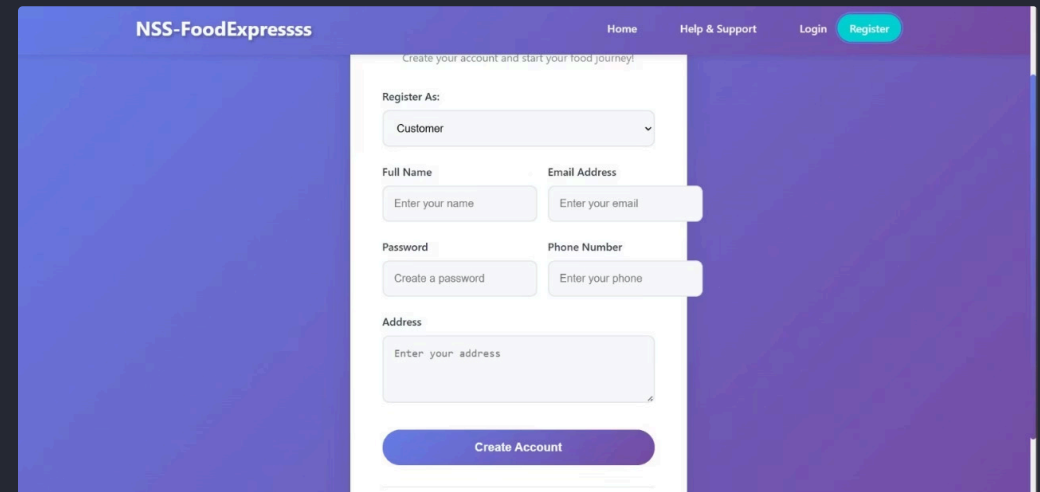
We aim to make finding your next meal effortless and enjoyable.

# Browsing Made Easy: Restaurant & Menu Views

Our restaurant and menu pages are designed for clarity and comprehensive information.

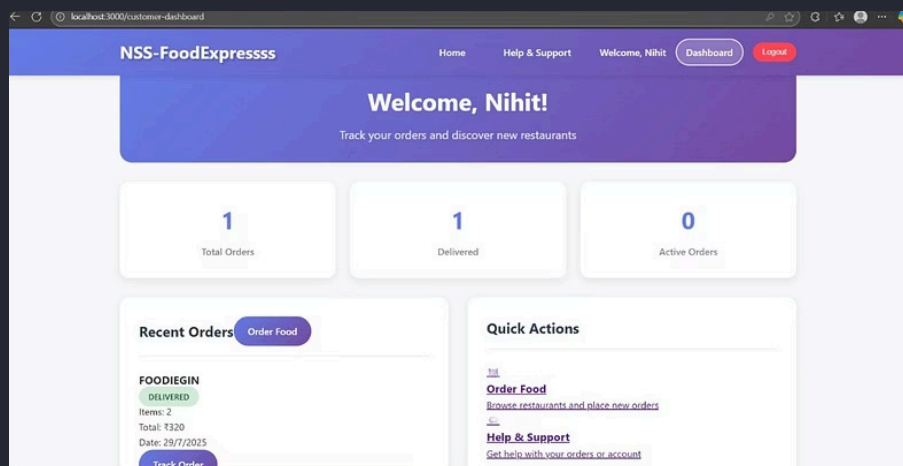
- High-quality images of dishes to entice users.
- Detailed descriptions, ingredients, and allergen information.
- Filter and sort options for dietary preferences and price.

This ensures users make informed decisions with confidence.



The screenshot displays a registration form for 'NSS-FoodExpressss'. The form is centered on a white background with a purple gradient border. At the top, the header includes 'NSS-FoodExpressss', 'Home', 'Help & Support', 'Login', and a 'Register' button. Below the header, a sub-header reads 'Create your account and start your food journey!'. The form fields are organized as follows: 'Register As:' with a dropdown menu set to 'Customer'; 'Full Name' and 'Email Address' fields with placeholder text 'Enter your name' and 'Enter your email' respectively; 'Password' and 'Phone Number' fields with placeholder text 'Create a password' and 'Enter your phone' respectively; and an 'Address' field with placeholder text 'Enter your address'. A large 'Create Account' button is positioned at the bottom of the form.

# Effortless Ordering: Cart & Checkout



```
frontend > src > pages > CustomerDashboard.js > ...
1  import React, { useState, useEffect } from 'react';
2  import { Link } from 'react-router-dom';
3  import axios from 'axios';
4  import { useAuth } from '../context/AuthContext';
5
6  const CustomerDashboard = () => {
7    const { user } = useAuth();
8    const [orders, setOrders] = useState([]);
9    const [loading, setLoading] = useState(true);
10
11    useEffect(() => {
12      fetchOrders();
13    }, []);
14
15    const fetchOrders = async () => {
16      try {
17        const response = await axios.get('/orders/my');
18        setOrders(response.data);
19      } catch (error) {
20        console.error('Error fetching orders:', error);
21      } finally {
22        setLoading(false);
23      }
24    };
25  };
```

The cart and checkout flow prioritize **simplicity and security**.

- Real-time order summary and customizable options.
- Multiple payment methods, including digital wallets.
- Clear delivery time estimates and address management.

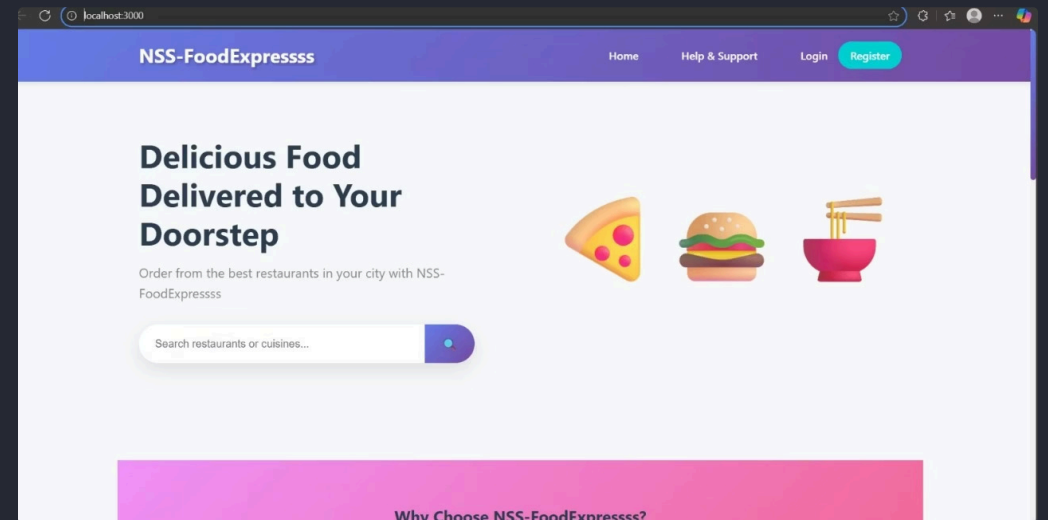
A smooth transaction process enhances user trust and satisfaction.

# Tracking Your Order: Real-time Updates

Stay informed every step of the way with our **real-time order tracking**.

- Live map view of your delivery driver's progress.
- Notifications for order preparation, dispatch, and arrival.
- Direct communication with the driver for any specific instructions.

Transparency builds confidence and reduces anxiety for users.



# Personalized Experience: User Profile & History

The user profile is a hub for **personalized preferences and convenience**.

- Quick re-ordering from past purchases.
- Saved addresses and payment methods.
- Loyalty points and special offers tracking.

This feature fosters repeat business and user loyalty.

```
server.js U X
backend > JS server.js > ...
1  const express = require('express');
2  const cors = require('cors');
3  const connectDB = require('./config/db');
4  require('dotenv').config();
5
6  // Connect to MongoDB
7  connectDB();
8
9  const app = express();
10
11 // Middleware
12 app.use(cors());
13 app.use(express.json());
14
15 // Routes
16 app.use('/api/auth', require('./routes/auth'));
17 app.use('/api/restaurants', require('./routes/restaurant'));
18 app.use('/api/orders', require('./routes/order'));
19 app.use('/api/helpdesk', require('./routes/helpdesk'));
20
21 // Default route
22 app.get('/', (req, res) => {
23   res.json({ message: 'NSS-FoodExpress API is running!' });
24 });
25
```

# Feedback & Support: Ensuring Satisfaction

We believe in continuous improvement through **robust feedback mechanisms**.

- Easy-to-use rating and review system for restaurants and drivers.
- In-app support chat for immediate assistance.
- FAQ section to answer common queries.

Your feedback helps us refine and enhance the NSS Food Delivery experience.

```
auth.js  U X
backend > middleware > auth.js > auth
1  const jwt = require('jsonwebtoken');
2  const User = require('../models/User');
3  const Restaurant = require('../models/Restaurant');
4  const DeliveryBoy = require('../models/DeliveryBoy');
5
6  const auth = async (req, res, next) => {
7    try {
8      const token = req.header('Authorization')?.replace('Bearer ', '');
9
10     if (!token) {
11       return res.status(401).json({ message: 'No token, authorization denied' });
12     }
13
14     const decoded = jwt.verify(token, process.env.JWT_SECRET || 'your-secret-key');
15
16     let user;
17     if (decoded.role === 'customer' || decoded.role === 'admin') {
18       user = await User.findById(decoded.userId);
19     } else if (decoded.role === 'restaurant') {
20       user = await Restaurant.findById(decoded.userId);
21     } else if (decoded.role === 'delivery') {
22       user = await DeliveryBoy.findById(decoded.userId);
23     }
24   }
25 }
```



# Key Innovations & Future Enhancements



## AI-Powered Recommendations

Personalized suggestions based on past orders and browsing.



## Drone Delivery Integration

Exploring faster delivery options for select areas.



## Sustainable Packaging Focus

Partnerships with eco-friendly suppliers for green deliveries.

We're committed to pushing boundaries and integrating cutting-edge technology to serve our users better.

## Next Steps & Call to Action

### Prototype Testing

Schedule a hands-on session to experience the prototype.

### Feedback Collection

Provide your valuable insights to shape future development.

### Strategic Planning

Collaborate on the roadmap for full platform development.

Let's build the future of food delivery together. Contact us to get involved!