# **Grater Choice - Complete Product Delivery Document**

## **Multi-Vendor Food Truck Ordering System**



**Executive Summary**

The Grater Choice multi-vendor food truck ordering platform has been successfully developed and is ready for deployment. This document provides a comprehensive overview of all delivered components, credentials, and resources needed to operate the platform effectively.

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**1. Project Completion Status**

**System Architecture**

The Grater Choice platform consists of four primary modules:

1. Food Truck Owner Module
2. Food Truck End User Module
3. Food Truck Super Admin Module
4. Point of Sale (POS) Module

**Module Completion Status**

| **Module** | **Completion %** | **Status** |
| --- | --- | --- |
| Food Truck Owner API Module | 100% | ✓ Complete |
| Frontend User API Module | 100% | ✓ Complete |
| Admin API Module | 100% | ✓ Complete |
| POS API Module | 100% | ✓ Complete |
| Food Truck Owner Frontend Module | 100% | ✓ Complete |
| Frontend User Module | 100% | ✓ Complete |
| Admin Frontend Module | 100% | ✓ Complete |
| POS Frontend Module | 100% | ✓ Complete |

**2. Module Features**

**2.1 Food Truck Owner Module**

| **Feature** | **Status** | **Description** |
| --- | --- | --- |
| Profile Management | ✓ Complete | Food truck profile creation and management |
| Menu Management | ✓ Complete | Item creation, categories, modifiers, pricing |
| Location Management | ✓ Complete | Real-time location tracking and scheduling |
| Order Management | ✓ Complete | Order processing with notifications |
| Pre-Order System | ✓ Complete | Time-slot based ordering with custom URLs |
| Business Analytics | ✓ Complete | Sales, revenue, and customer reports |
| Staff Management | ✓ Complete | Role-based access controls |
| Promotions & Coupons | ✓ Complete | Multi-condition coupon system |

**2.2 Food Truck End User Module**

| **Feature** | **Status** | **Description** |
| --- | --- | --- |
| User Registration | ✓ Complete | Account creation with profile management |
| Food Truck Discovery | ✓ Complete | Location-based browsing with filters |
| Ordering System | ✓ Complete | Cart management with two-step checkout |
| Payment Processing | ✓ Complete | Multiple payment methods with wallet support |
| Order Tracking | ✓ Complete | Real-time status updates |
| Reviews & Ratings | ✓ Complete | Customer feedback system |

**2.3 Super Admin Module**

| **Feature** | **Status** | **Description** |
| --- | --- | --- |
| Platform Management | ✓ Complete | System-wide settings and monitoring |
| Business Management | ✓ Complete | Food truck business administration |
| User Management | ✓ Complete | User account administration |
| Transaction Management | ✓ Complete | Financial oversight and reporting |
| Content Management | ✓ Complete | System-wide content control |

**2.4 POS Module**

| **Feature** | **Status** | **Description** |
| --- | --- | --- |
| POS Interface | ✓ Complete | Touchscreen optimized interface |
| Transaction Processing | ✓ Complete | Payment handling with receipts |
| Inventory Integration | ✓ Complete | Real-time stock management |
| Reporting | ✓ Complete | Sales and performance analytics |

**3. Third-Party Integrations**

**3.1 Communication Services**

| **Service** | **Status** | **Purpose** |
| --- | --- | --- |
| Twilio | ✓ Integrated | SMS notifications and verification |
| Sendgrid | ✓ Integrated | Transactional and marketing emails |

**3.2 Payment Services**

| **Service** | **Status** | **Purpose** |
| --- | --- | --- |
| Stripe | ✓ Integrated | Payment processing |
| ACH/NACHA | ✓ Integrated | Wallet integration for direct deposits |

**3.3 Location Services**

| **Service** | **Status** | **Purpose** |
| --- | --- | --- |
| Google Maps API | ✓ Integrated | Location time calculation and geolocation services |

**3.4 Analytics**

| **Service** | **Status** | **Purpose** |
| --- | --- | --- |
| Google Analytics | ✓ Integrated | User behavior and traffic analysis |

**4. Technical Infrastructure**

**4.1 Development Technologies**

| **Category** | **Technologies Used** |
| --- | --- |
| Frontend | Next.js |
| Backend | Java, Spring Boot |
| Database | MySQL |
| State Management | Context API |
| API | RESTful API architecture |

**4.2 Hosting Infrastructure**

| **Service** | **Purpose** |
| --- | --- |
| DigitalOcean Droplet | Application hosting |
| DigitalOcean Managed MySQL | Database hosting |
| DigitalOcean Spaces | File storage |

**5. Access Credentials**

**5.1 Application Access URLs**

| **Portal** | **URL** | **Description** |
| --- | --- | --- |
| Homepage | <https://graterchoice.com/> | Customer-facing website |
| Super Admin Login | <https://graterchoice.com/admin> | Administrative control center |
| Restaurant Management | <https://graterchoice.com/dashboard> | Food truck owner dashboard |

**5.2 Login Credentials**

| **Portal** | **Username** | **Password** |
| --- | --- | --- |
| Super Admin | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Demo Food Truck Owner | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Demo Customer | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**5.3 Third-Party Services**

| **Service** | **Account Email** | **Notes** |
| --- | --- | --- |
| Twilio | Graterchoice@gmail.com | Password : Graterglobalwins@2023 |
| Google Cloud/Maps | Graterchoice@gmail.com | Password: Dallas@6205 |
| Sendgrid | Graterchoice@gmail.com |  |

**5.4 Hosting & Deployment**

| **Service** | **Access Method** | **Notes** |
| --- | --- | --- |
| Digitalocean Console | Connection string provided separately | Includes access to all Digitalocean services | Tagged with ravi@tekybear.com Digitalocean’s account. |
| Database Admin | Connection string provided separately | Secured access with IP restrictions |
| Domain Management | Login credentials provided separately | Domain secured and configured |

**6. Brand Assets**

**6.1 Logo & Design Resources**

| **Asset** | **Location** | **Notes** |
| --- | --- | --- |
| Logo Files | [Google Drive](https://drive.google.com/drive/folders/1smNoJZYf4r77RFNE-8lFFzvIUw1CGTxo?usp=sharing) | Includes various formats (PNG, SVG, etc.) |
| Brand Identity | [Google Drive](https://drive.google.com/file/d/1lzr1Q2vvf9wSG6iyR0k-oNDdNxOaMHLl/view?usp=sharing) | Includes Brand Identity, Logo Usage, Variations, and Typography. |

**7. Bug Fixes & Improvements**

The following issues have been resolved in the final delivery:

**User Experience Improvements**

* ✓ Fixed image upload functionality
* ✓ Implemented automatic page reload after category addition
* ✓ Added navigation on order confirmation page
* ✓ Fixed tracking page progress indicators
* ✓ Renamed "Track Order" to "Order Details" for clarity
* ✓ Fixed real-time updates for newly added items/food trucks
* ✓ Optimized search functionality on desktop
* ✓ Implemented two-step checkout process

**Functionality Enhancements**

* ✓ Added functionality to profile management features
* ✓ Integrated Google Maps API
* ✓ Made cuisine categories clickable
* ✓ Fixed cart functionality across different food truck outlets
* ✓ Improved checkout page with automatic redirection
* ✓ Enhanced admin dashboard with clickable reports
* ✓ Implemented automatic coupon application displays
* ✓ Added post-registration redirection to cart

**Technical Improvements**

* ✓ Implemented sound effects for new order notifications
* ✓ Added real-time updates to recent orders tab
* ✓ Implemented coupon confirmation notifications
* ✓ Added review management for admins
* ✓ Added timezone support for 4 US timezones
* ✓ Increased email field length capacity
* ✓ Added modifier descriptions

## **Support Information**

### **Contact Information**

Abhishek Tiwari

+917985720741

### **Warranty Period**

The system includes a 30-day warranty period covering:

* Bug fixes
* Minor enhancements
* Technical support

**8. Support Information**

| **Item** | **Details** |
| --- | --- |
| Contact Person | Abhishek Tiwari |
| Contact Number | +917985720741 |
| Warranty Period | 30-day warranty covering bug fixes, minor enhancements, and technical support |

## **Conclusion**

The Grater Choice multi-vendor food truck ordering system has been successfully developed and is ready for deployment. All specified modules and features have been implemented, tested, and optimized for performance. The system meets all functional and non-functional requirements outlined in the project specifications.

We are confident that Grater Choice will provide an exceptional experience for both food truck owners and their customers. Our team remains available to assist with any questions or support needs during the transition to full operation.

**Delivered By**: Nanzvision

**Delivery Date**: February 25, 2025

**Project Manager**: Abhishek Tiwari

**Contact**: +917985720741