Product Requirements Document (PRD)

Product: VegRush Grocery App

Version: 1.0

Overview:

VegRush is a hyperlocal fresh produce delivery app offering vegetables, fruits, and daily essentials with fast delivery and premium user experience.

Objectives:

- Provide a premium Zepto-like user experience.

- Enable customers to browse, search, add to cart, and checkout.

- Provide admin with product management, order overview, and delivery tracking.

- Provide delivery personnel with order list, navigation, and status updates.

Core Features:

1. Customer App:

- Signup/Login via email or phone with password.

- Home page with hero banner, categories, and product list.

- Search bar (real-time search).

- Product page with details, images, price, and stock.

- Cart system with quantity management.

- Checkout flow (address selection, payment placeholder).

- Order history and user profile.

2. Admin Panel:

- Login with static admin credentials.

- Dashboard with metrics.

- Add/Edit/Delete products.

- Upload product images.

- View and manage orders.

- Assign orders to delivery boys.

3. Delivery App:

- Login with delivery credentials.

- View assigned orders.

- Update status (Picked $\rightarrow$ On the way $\rightarrow$ Delivered).

- Navigation link (opens Google Maps).

4. Backend API:

- Authentication via JWT.

- Role-based access (customer/admin/delivery).

- Product CRUD APIs.

- Order APIs.

- Delivery APIs.

- Event logs & error handling.

Tech Stack:

Frontend: Next.js 14, React, TailwindCSS

Backend: Node.js, Express, Prisma ORM

Database: PostgreSQL (Render)

Storage: Supabase

Deployment: Vercel (frontend), Render (backend)

Non-Functional Requirements:

- Fast load times (TTFB < 200ms)

- Secure authentication

- SLA 99 percent uptime

- Scalable backend API

- SEO optimized

Future Enhancements:

- OTP login

- Online payments

- Refer and earn

- Delivery time ETA engine