

# **Project Proposal: Plates for People**

## **A Non-Profit Food Donation Platform for Social Impact**

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### **1. Scope**

Plates for People is a non-commercial, web-based food donation platform developed as part of School Leadership Development Project. The platform aims to reduce food wastage by connecting food providers (restaurants, caterers, individuals) with verified NGOs / food shelters. To ensure authenticity and trust, all NGOs and food shelters registering on the platform will go through a verification and approval process before becoming active. The platform will serve as a technology facilitator only. After a donation request is accepted, delivery and further coordination will be handled offline between the provider and the NGO.

### **2. Features**

#### **2.1 Admin Panel**

- Secure admin login
- Review and approval of NGO / food shelter registrations
- Verification options:
  - Manual admin approval OR
  - Third-party API verification to check NGO registration status (if available)
- Enable / disable NGOs and providers
- Manage donation categories (Type Of Food)
- View and monitor all donation requests and statuses
- Basic reporting dashboard
- Notification & system configuration
- Role and permission management

#### **2.2 Food Provider (Restaurants / Donors)**

- Provider registration & login
- Create food donation requests with:
  - Food type
  - Quantity
  - Pickup location (zip code & radius based)
  - Time availability
- Search approved and verified NGOs by:
  - Radius
  - Zip code
- Send donation requests to selected NGOs
- View request status (Pending / Accepted / Rejected)
- Receive notifications on NGO response
- Provider profile management

## 2.3 NGOs / Food Shelters

- NGO/food shelter registration
- Submission of registration details for verification
- Approval flow:
  - Admin approval and/or
  - Third-party API validation to verify registration authenticity
- Login access only after approval
- NGO profile with service area & contact details
- Receive real-time donation notifications
- Accept or reject food donation requests
- View donation history
- Update availability status
- Offline coordination with providers after acceptance

## 2.4 Frontend (Public Interface)

- Informational pages:
  - About Plates for People
  - Mission & social impact
  - How the platform works
- Clean, user-friendly dashboards for:
  - Food providers
  - NGOs
- Fully responsive design (mobile, tablet, desktop)
- Secure authentication and approval-based access

## 3. Tech Stack (Laravel Based)

- **Back-end:** Laravel (PHP Framework), RESTful APIs, Role-based authentication, Notification system (Email / API-based)
- **Frontend:** Laravel Blade, Responsive UI using Bootstrap
- **Database:** MySQL
- **Integrations:** Third-party APIs for NGO verification, location/distance calculation, and notifications

**Note:** The client will bear the cost of domain registration, hosting, and any third-party APIs.

## 4. Timeline - 12 Weeks

- **Week 1-2:** Requirement analysis & planning
- **Week 3-4:** Back-end setup & database design
- **Week 5-6:** Admin panel & NGO verification workflow
- **Week 7-8:** Provider module & location-based search
- **Week 9-10:** Frontend development & integration
- **Week 11:** Testing, QA & refinements

- **Week 12:** Deployment, documentation & handover

## **5. Commercial & Engagement Notes**

- Non-profit, social-impact initiative
- No monetization or payment features included
- Delivery coordination handled offline post-acceptance