

# JippyMart — Catering Service Form Documentation

## Overview

This document provides full documentation for integrating a Catering Request form into the JippyMart app using Flutter (frontend) and Laravel (backend). The form captures user details, validates input, stores in the database, and sends confirmation emails.

## Form Fields

1. Name
2. Mobile Number
3. Place / Address
4. Date
5. No. of Guests
6. Type of Function
7. Meal Preference (Veg / Non-Veg / Both)
8. No. of Veg
9. No. of Non-Veg
10. Special Requirements
11. Email (optional)
12. Submit Button

## Validation Rules

Includes required fields, numeric checks, date must not be in past, and guest counts must match Veg/Non-Veg numbers if both are provided.

## Email Workflow

On submit: send admin email with request details + optional confirmation email to customer.  
Subject: 'New Catering Request — {Name} — {Date}'.

## Database Design

Table: catering\_requests

Columns: id, name, mobile, email, place, date, guests, function\_type, meal\_preference, veg\_count, nonveg\_count, special\_requirements, status, timestamps.

## Laravel Backend

API endpoints:

POST /catering-requests → store request

GET /catering-requests/{id} → fetch request

GET /catering-requests → list requests

Includes validation, DB store, email sending.

## **Flutter Frontend**

Single-page form UI with gradient festive background and form fields. Submits data to Laravel API. Uses http + intl packages. Displays thank-you message on success.

## **Security**

Add rate limiting, spam checks, and validation on server side.

## **Testing Checklist**

Check field validations, email sending, API failures, UI error handling.

## **Enhancements**

Optional: package selection, payment integration, WhatsApp Business notifications, admin panel filters & exports.