

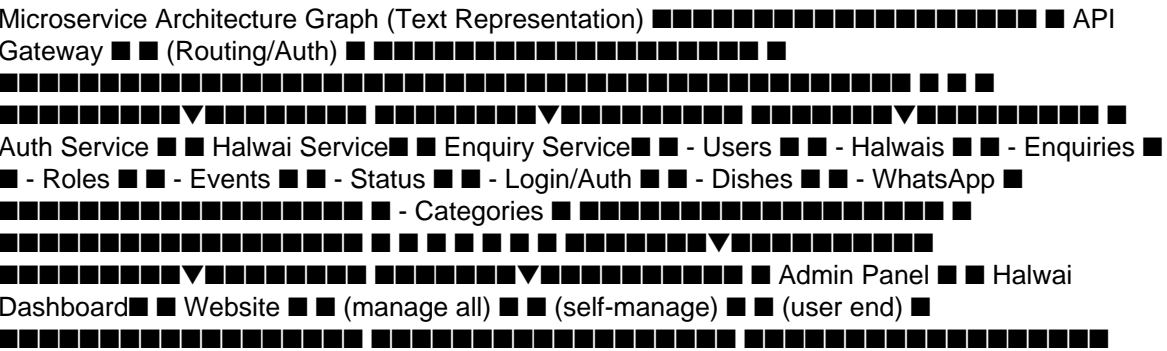
# Halwaiwala Backend Microservices Documentation

This document provides the backend architecture documentation for the Halwaiwala booking platform. The platform has three primary panels: Public Website (Customer), Halwai Dashboard, and Admin Panel. The backend follows a microservices-based architecture to ensure scalability, modularity, and maintainability.

## Microservices Overview

Service	Responsibilities
Auth Service	Handles login/signup, roles (admin, halwai, customer), and JWT tokens.
Halwai Service	Manages halwai profiles, dishes, cuisines, events, and categories.
Enquiry Service	Stores customer enquiries in DB, integrates with WhatsApp API for notifications.
Payment Service (Future)	Payment gateway integration, commission tracking, payouts.
Notification Service (Optional)	Sends WhatsApp, SMS, and Email notifications (can be merged with Enquiry initially).

Panels to Services Mapping **Website (Customer):** Auth Service, Halwai Service (browse), Enquiry Service (create enquiry)  
**Halwai Dashboard:** Auth Service, Halwai Service (manage profile, events, dishes), Enquiry Service (view enquiries)  
**Admin Panel:** Auth Service, Halwai Service (manage halwais/events/dishes), Enquiry Service (view all enquiries), Payment Service (future)



- Example Flow (Enquiry)
1. Customer selects event, cuisine, dishes on Website.
  2. Website → API Gateway → Enquiry Service.
  3. Enquiry Service saves enquiry in DB and triggers WhatsApp notification.
  4. Halwai Dashboard fetches enquiry details for that halwai.
  5. Admin Panel can view/manage all enquiries.