

Project Documentation

AutoLife AI

It allows users to book cabs using **natural language commands**.

It acts as a foundation for future **food ordering and trip planning automation**.

Cab booking system

User Command



Intent Detection



Detail Extraction



FastAPI Backend



OSM & OSRM APIs



Fare + ETA Calculation



UI Display

Key Features

- Autonomous agent execution
- Real-time ETA & distance
- Dynamic fare pricing
- Interactive map view
- Fully scalable design

Tech Stack

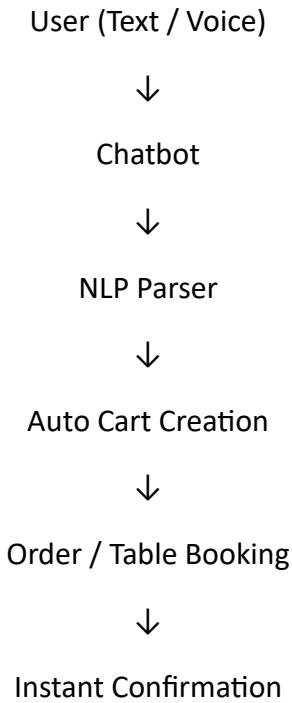
- React

FastAPI

- Python
- OpenStreetMap
- OSRM

FoodieApp – AI-Powered Food Ordering System

FoodieApp is an AI-enabled food ordering and dine-in booking platform with a chatbot interface supporting text and voice commands.



Key Features

- Chatbot-based food ordering
- Automatic cart & checkout
- Dine-in table booking
- Responsive modern UI

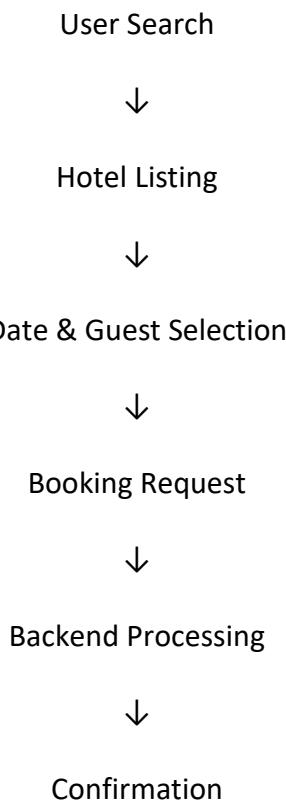
- Real-time alerts

Tech Stack

- React
- Node.js
- Express
- Rule-Based NLP
- Web Speech API

SmartStay – Hotel Booking System

SmartStay is a **fast and simple hotel booking platform** designed for **quick and hassle-free reservations**.



Key Features

- Location-based hotel search
- Date & guest selection
- Instant booking confirmation

- Admin booking view
- Scalable backend design

Tech Stack

- React
- Node.js
- Express
- In-Memory Storage