

The background features a large white semi-circle at the top, a dark blue semi-circle at the bottom, and light blue and pink vertical bands on the left and right sides respectively.

# **TRAVEL PACKAGE APPLICATION**

# AGENDA

Introduction

Architecture

Microservices

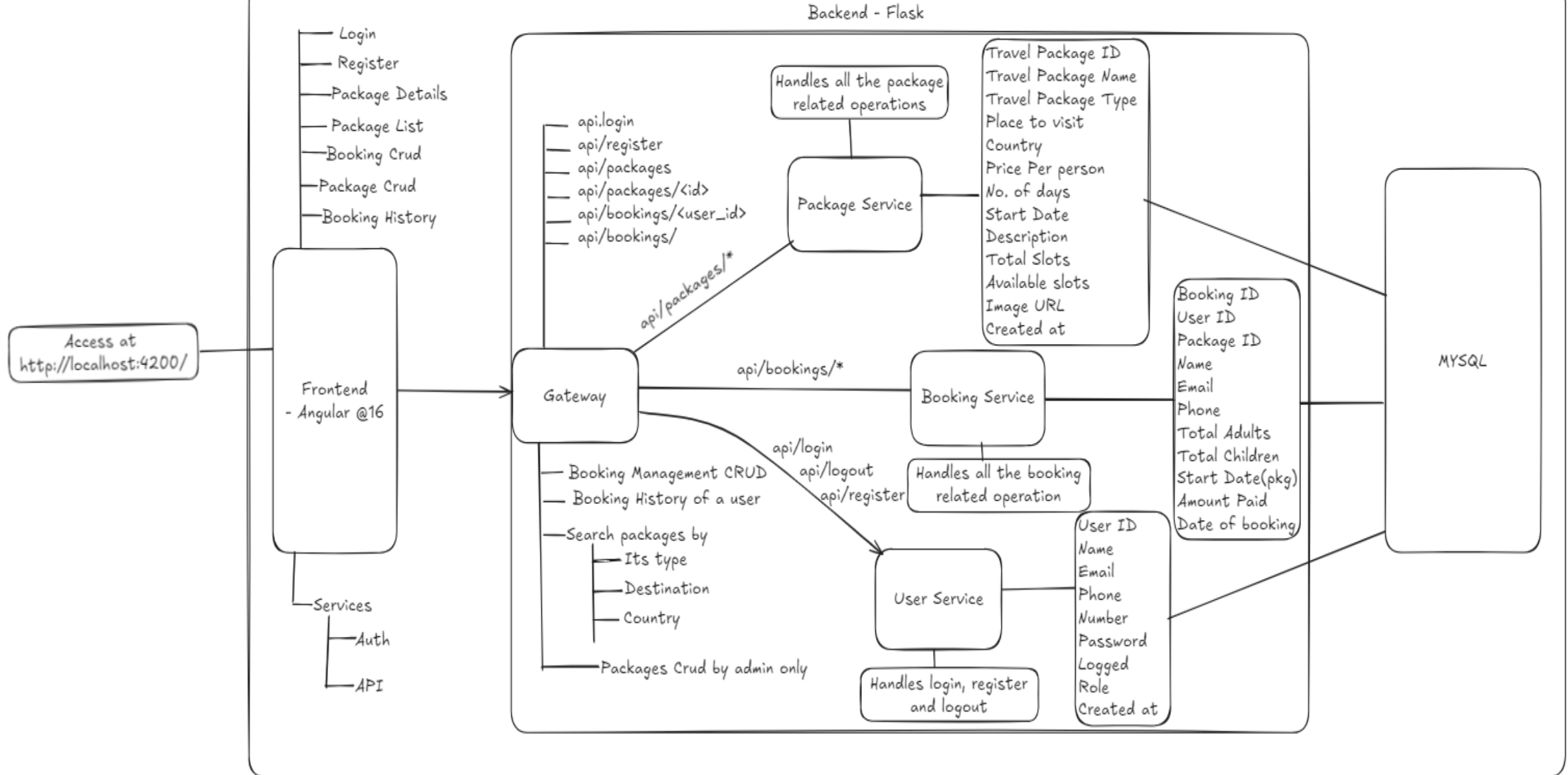
Components

Deployment

# INTRODUCTION

- Browse through various package options.
- Book tour packages from anywhere.
- Book without any login hassle.
- Manage all your bookings at one place.

# Docker



# MICROSERVICES

## Gateway

- Forwards request from frontend, does the inter-communication.

## Booking Service

- Handles all the operations related to booking.

## Package Service

- Handles all the operations related to package.

## User Services

- Handles Login, logout and registration.

# COMPONENTS

- Login - /api/login
- Register - /api/register
- Packages - /api/packages
- Booking History - /api/bookings/<user\_id>
- Booking Crud - /api/bookings/<booking\_id>
- Package CRUD - /api/packages/<pkg.id>
- Services
  - Auth – handles login and register API
  - API – Handles all the bookings and packages operations.

# DEPLOYMENT

## Docker – Containerization

- Scale at once.
- Each service and frontend is deployed in its own container.
- Orchestration tool – Docker Desktop
- Docker Compose to start all services at once.
- Database - MySQL



**THANK  
YOU**

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