



Trip Genie

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Team 7



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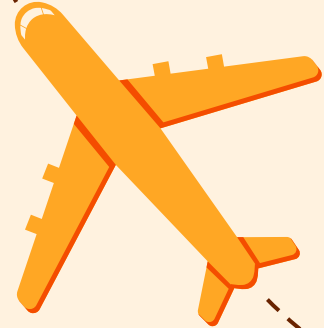


01

Introduction

Introduction

- Travel app that allows users to effortlessly plan their next adventure.
- Enable users to search among various tourist spots and book a package to get the best experience conveniently





02

Technologies

Tech Stack



Java

Designed the application using Java on Android Studio



MongoDB Atlas

Database to store travel destinations and bookings



PostMan

To fetch and post information to MongoDB database using API



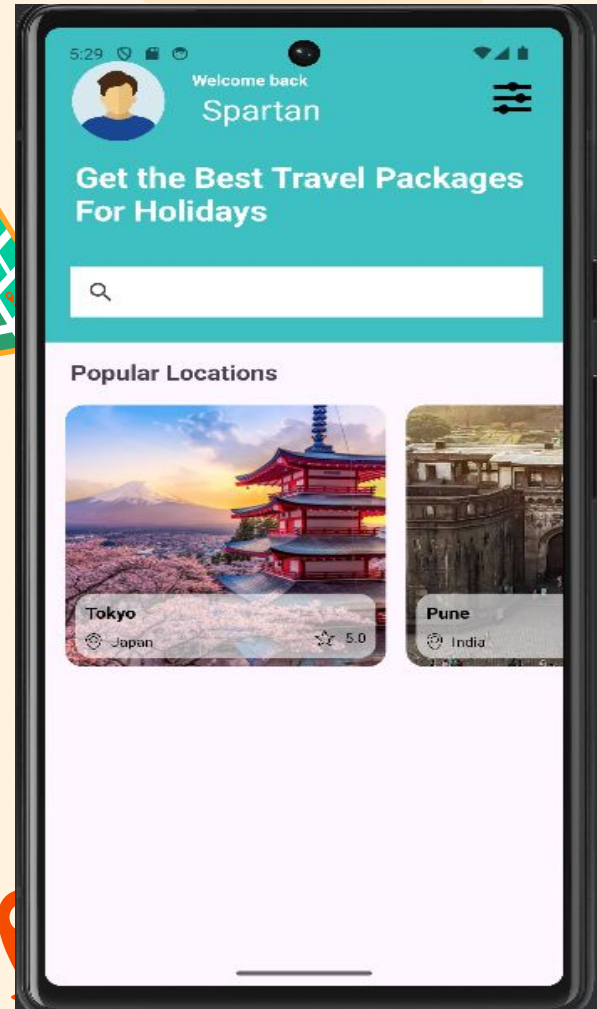


03

Functionality

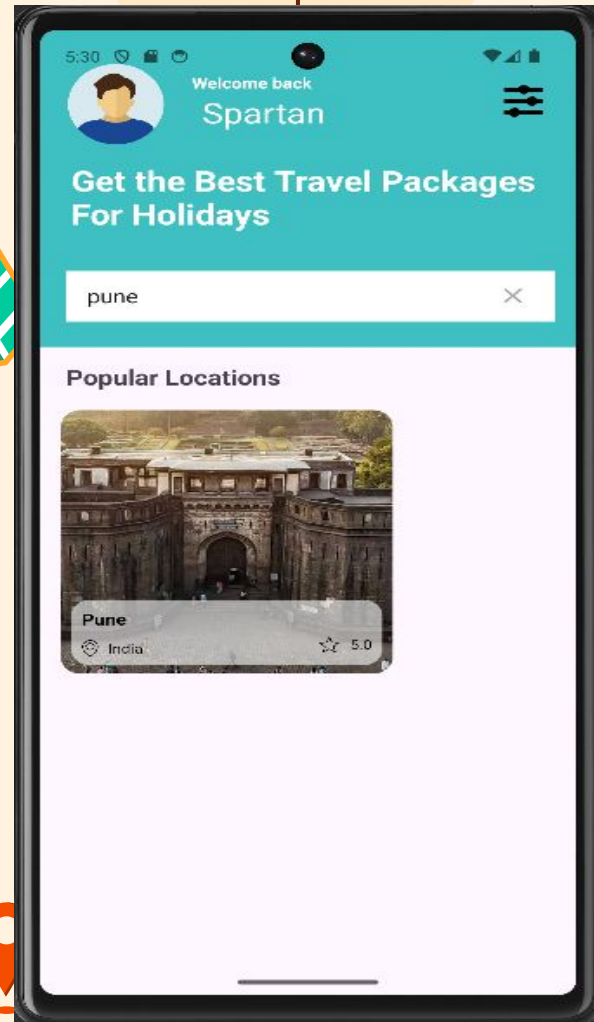
Home Page

- Search bar
- Popular Destinations
- Expandable menu bar:
 - Bookings data
 - Info section



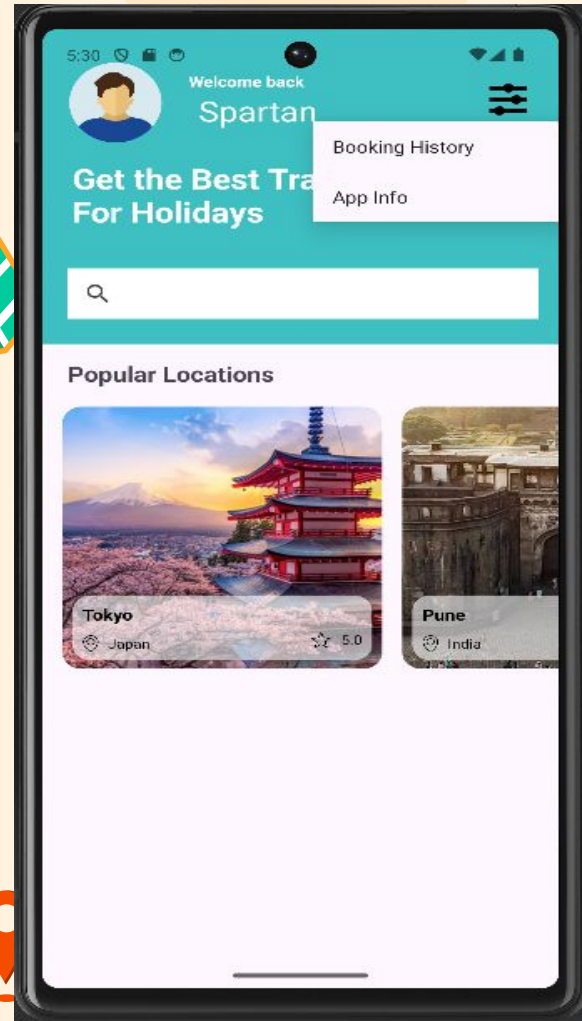
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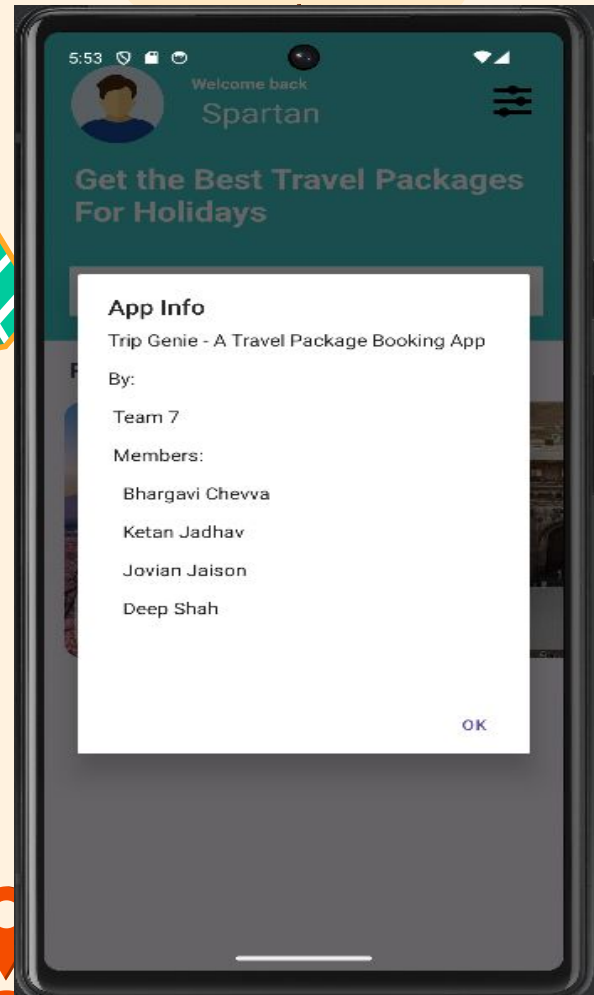
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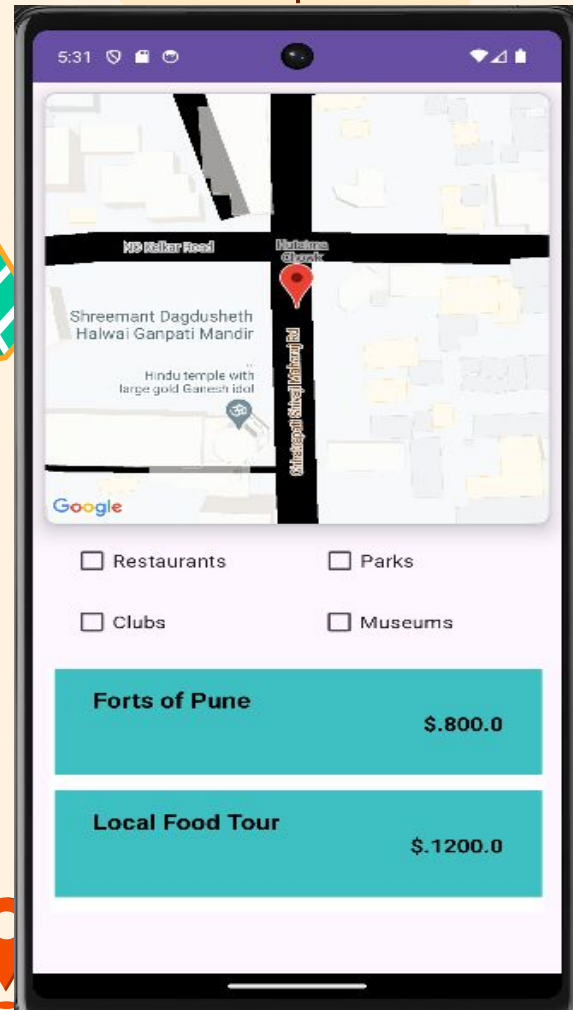
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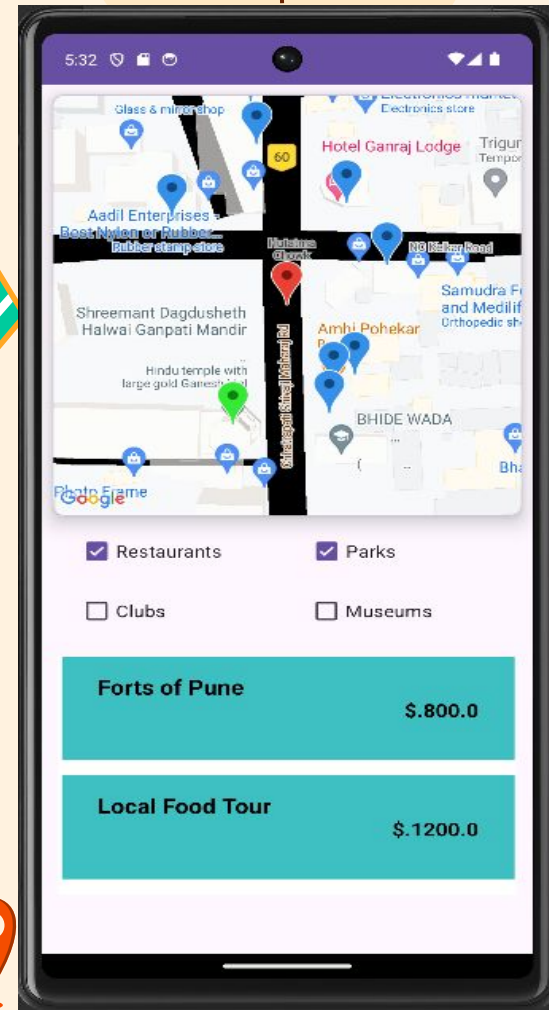
Details Page

- Map
- Filter (Checkboxes)
- Available Packages



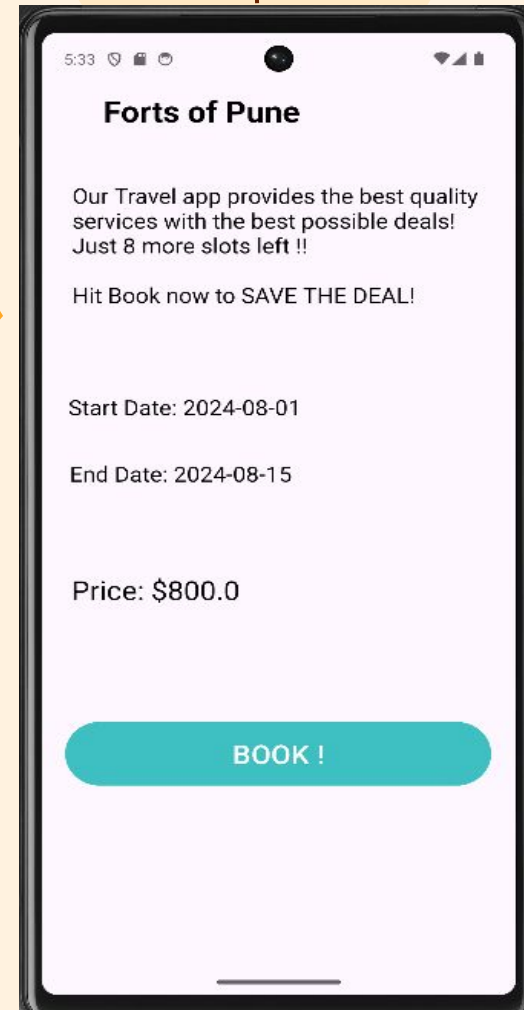
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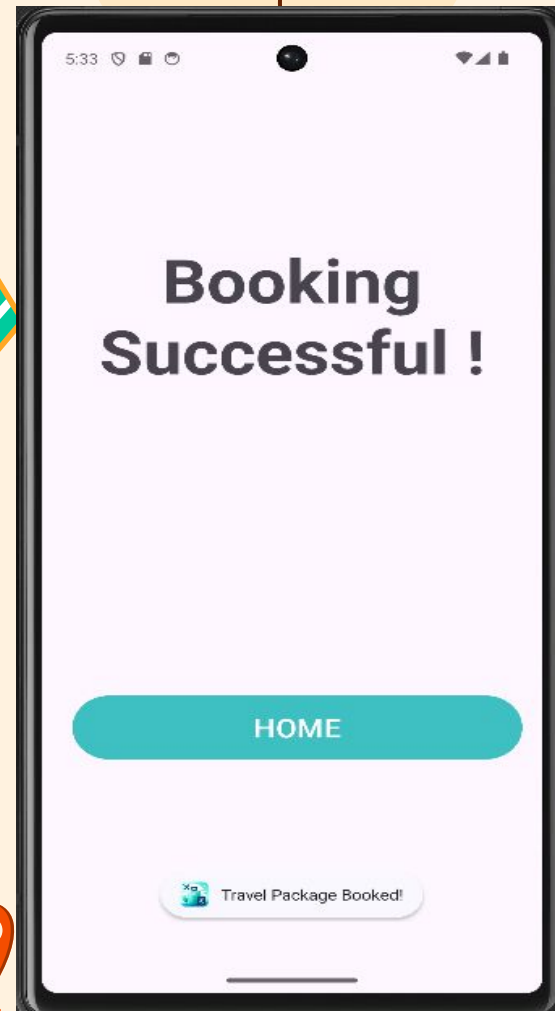
Package Page

- Package information
- Book button

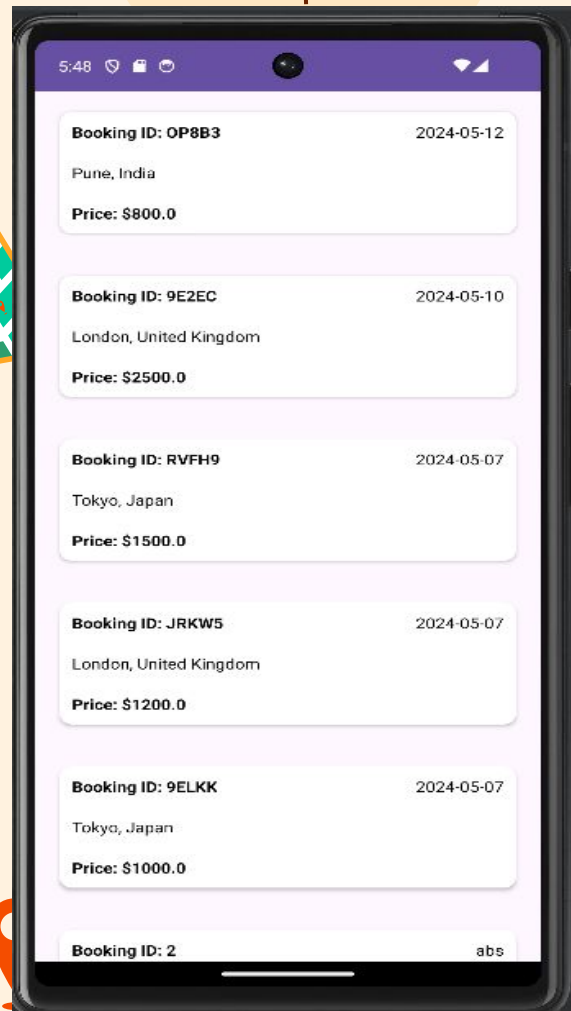


Booking Confirmation Page

- Confirmation
- Home button



Bookings Page



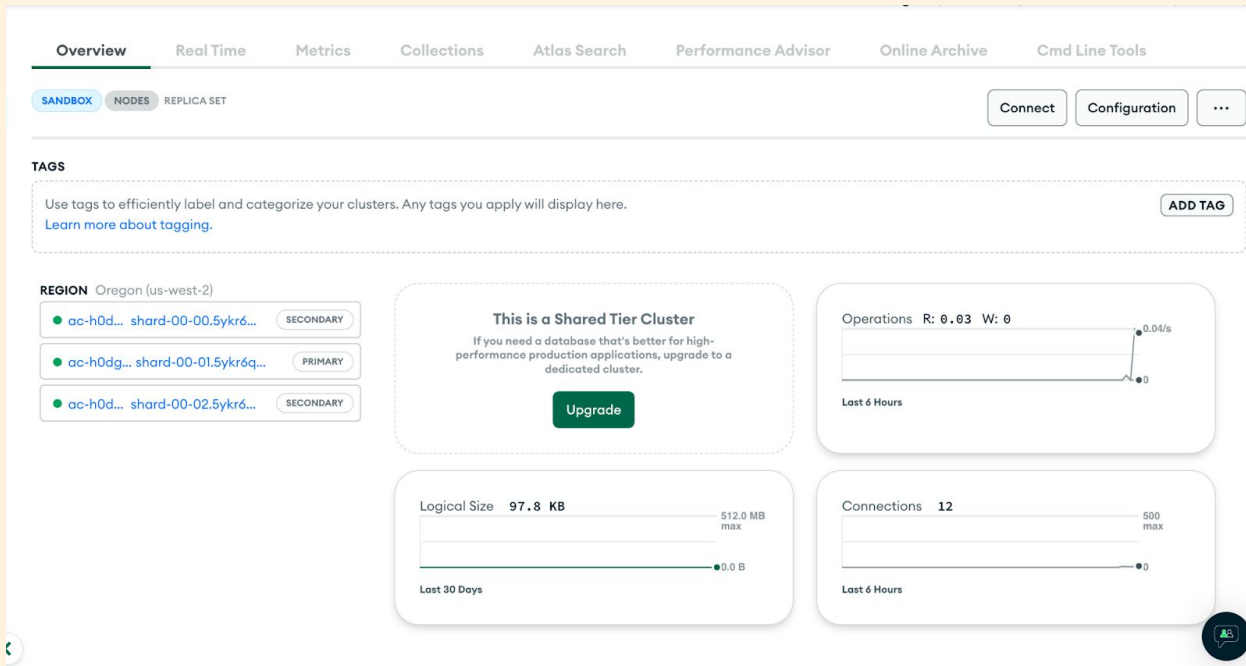


04

Microservices

Scalable | Flexible | Available

Why MongoDB?



Collections

```
_id: ObjectId('66383f1a10d86a8dc62d6b50')
User_id: "6637149d949df174011dd09e"
BookingId: "B001"
BookingDate: "01/05/2024"
BookingPrice: "1500"
LocationId: "6636e79126229eee646598d3"
PackageId: "101"
```

table.booking

```
_id: ObjectId('6636e79126229eee646598d3')
Location_name: "Tokyo"
▸ Location_coordinates: Object
▸ Location_images: Array (3)
▸ Packages: Array (2)
Rating: 5
Country: "Japan"
```

table.location

```
_id: ObjectId('6637149d949df174011dd09e')
UserName: "jovianjaison"
UserPassword: "admin123"
UserDp: "https://wallpaperswide.com/download/"
▸ BookingArray: Array (4)
```

table.user

APIs

	Type	URL	Input	Function
1	GET	/booking	user_id	getBookingForUser
2	GET	/location	location_id	getLocationById
3	GET	/location/all	N/A	getAllLocations
4	POST	/booking	JSON object	putBooking



Thank You!

Do you have any questions?