



# **SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY MANAGEMENT & GRAMOTHAN, JAIPUR**

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**Department of Computer Science and Engineering**

## **Himalayan Tracker**

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**Project Mentor:- Ms. Archika Jain**

**Project Coordinator:- Mr. Sumit Mathur**

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# INTRODUCTION

01

**Himalayan Tracker is used to track all Himalayan valleys in india.**

02

**Himalayan Trackers offers you news update about The Himalayan tracks and Users can easily find himalayan tracks and book nearby hotels in faster way.**

03

**Himalayan tracks also offers you to talk with customer support and see offers for hotels.**

# Problem ?

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In India, Peoples not know about tracks in India and where to go in summer and winters vacation and not know about news of that tracks and nearby hotels.

So , The peoples are going to tracks without any news and see the problems when going to tracks.



# Problem Solution

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We are gathering all the important information about various location where persons want to go for tracking in vacations then he can choose our application to get the information about the locations where he wants to go.

So, The Himalayan tracker will give information about the tracks, news and they can book the nearby hotels from our app directly.

So, we are giving reliable services at one platform.





# Features and Functionality

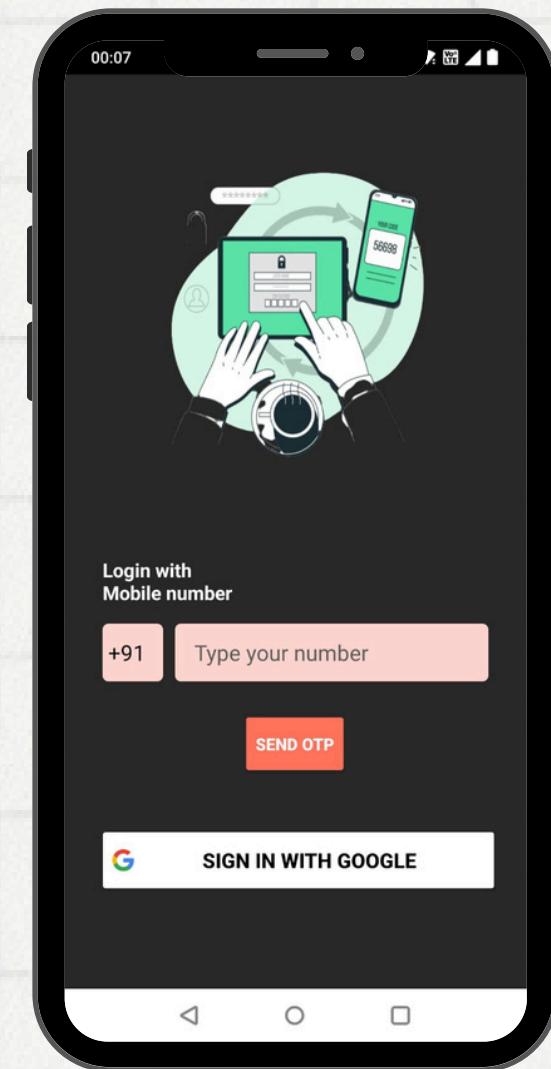
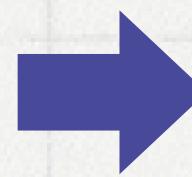
Himalayan Tracker offers OTP Authentication and Google Authentication for easy sign-in/sign-up, along with user information.

It includes Otp-verification and fetch real time data from API , and chat-bot functionality for seamless communication between users.

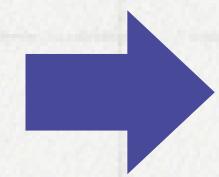
# SCREENSHOTS



Intent Screen

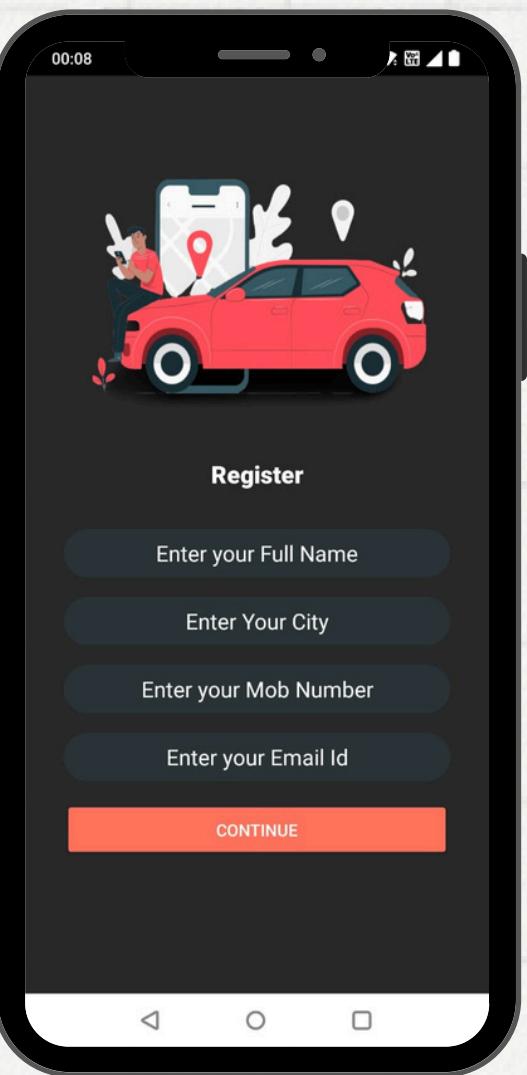
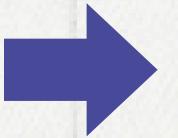


Login Screen

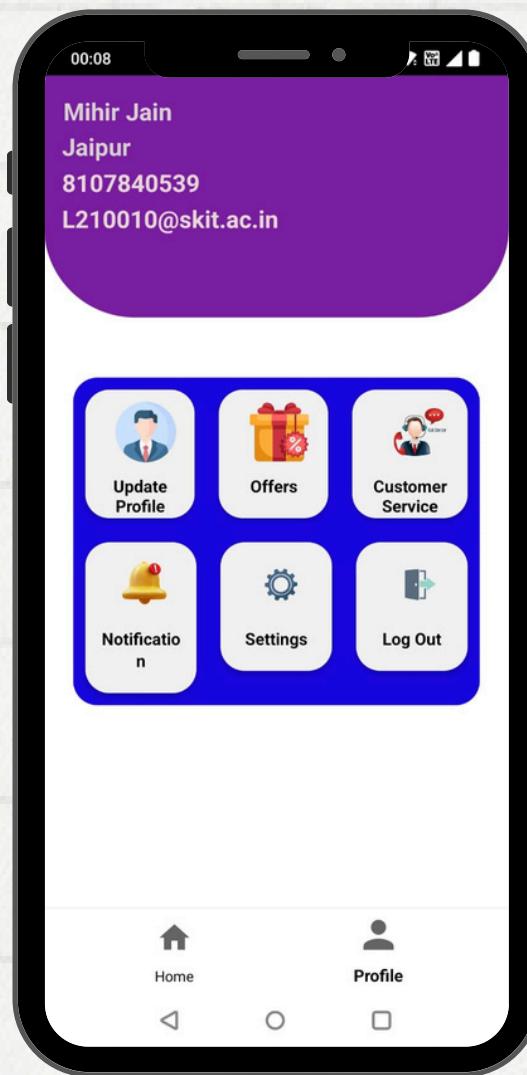
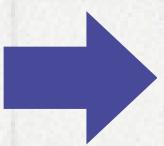




**OTP  
VERIFICATION**

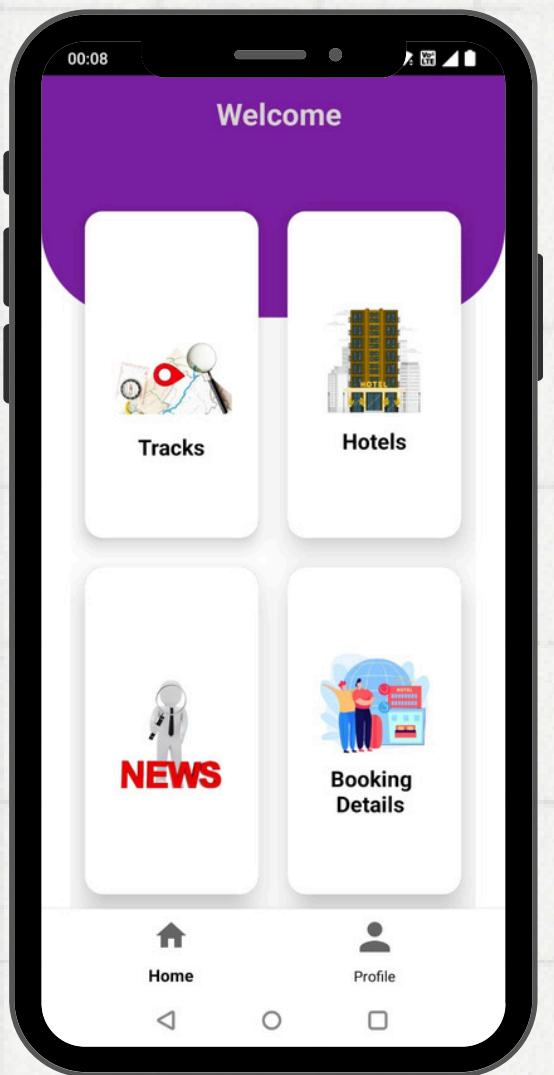


**REGISTER**

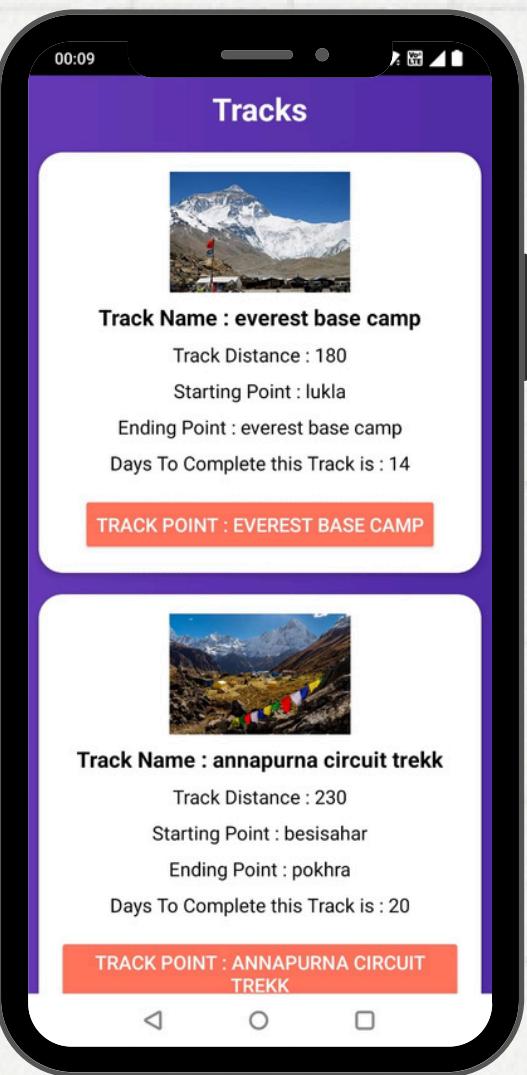


**PROFILE**

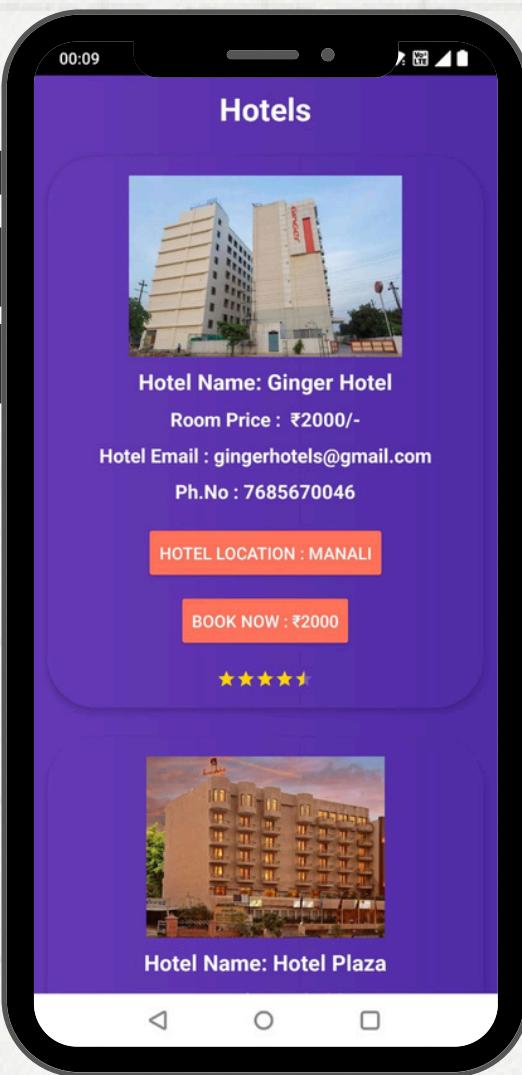
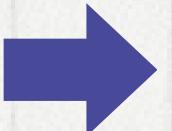




DASHBOARD

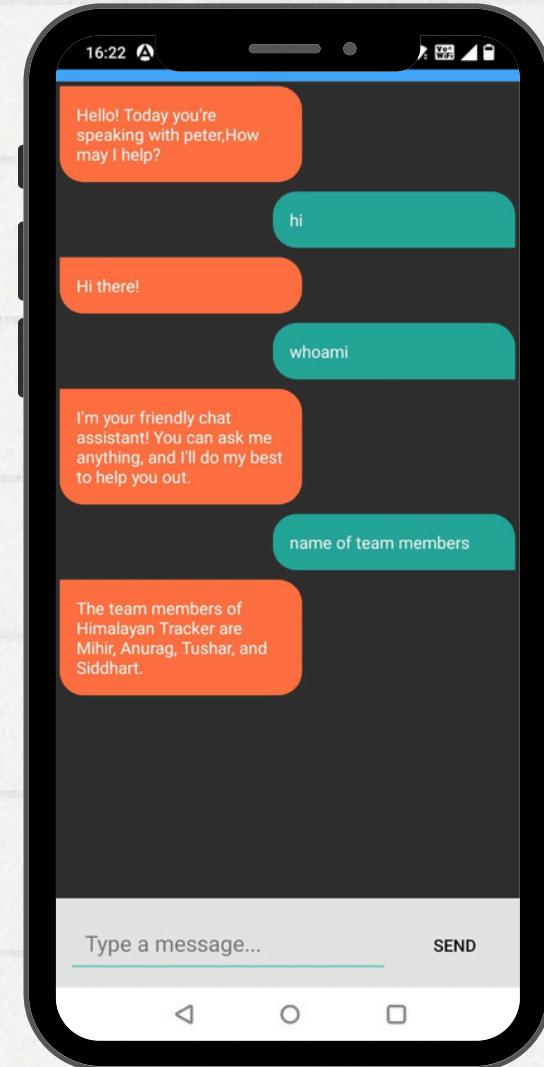
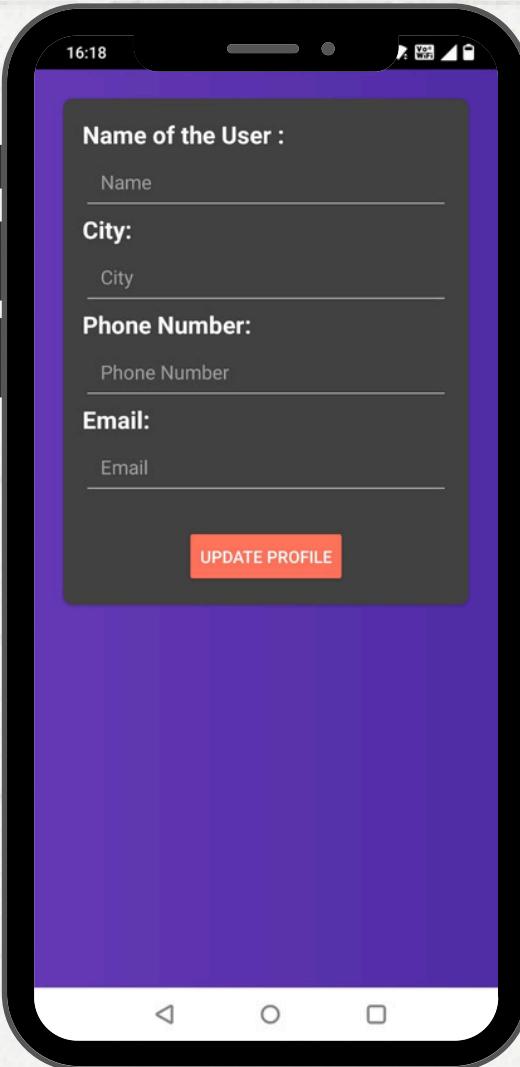
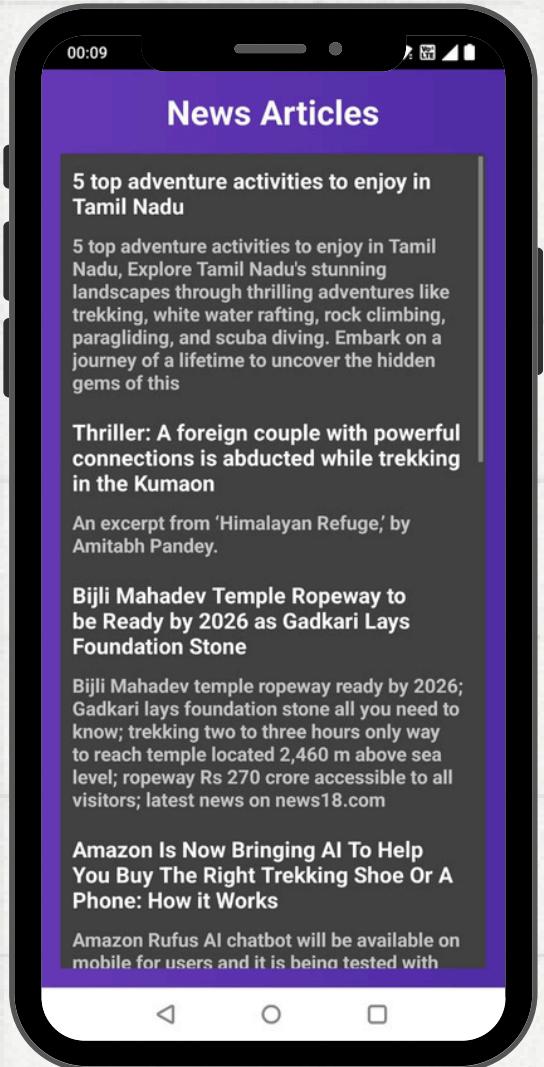


TRACKS



HOTELS

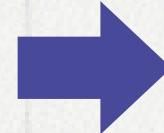




NEWS



UPDATE PROFILE



CUSTOMER SERVICE



# Code Snippets

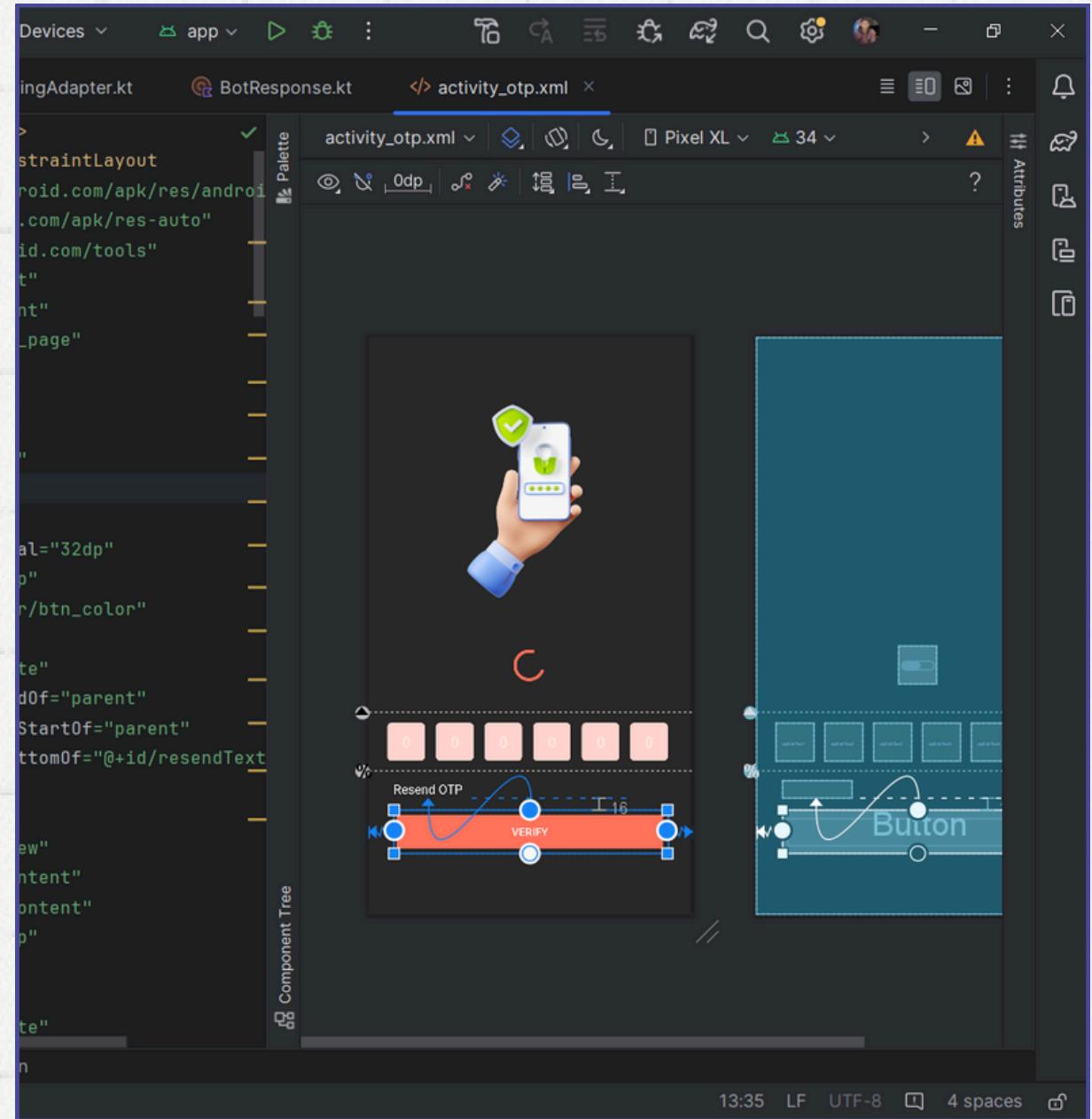
HT HimalayanTracker master No Devices

Android kotlin+java com.example.himalayantracker data ui utils ApiInterface Article ArticleAdapter BookingDetails CustomerService Dashboard Home Hotel HotelsList Login MainActivity MyData MyHotelApi MyTrackApi News NewsAPI NewsResponse Notification Offers Otp Product ProductAdapter Profile Register Settings

```
</> activity_main.xml Message.kt MessagingAdapter.kt
```

164 }  
165 // Respond to "name of CEO"  
166 message.contains( other: "name of CEO") -> {  
167 "The CEO of Himalayan Tracker is Mihir"  
168 }  
  
169 // Respond to "name of team members"  
170 message.contains( other: "name of team members") -> {  
171 "The team members of Himalayan Tracker"  
172 }  
  
173 // Respond to "who implemented this application"  
174 message.contains( other: "who implemented this application") -> {  
175 "This application was implemented by the team"  
176 }  
  
177 // Respond to "ky kr re ho"  
178 message.contains( other: "ky kr re ho") -> {  
179 "Main think hoon, shukriya! Tum bataao,"  
180 }  
  
181 // Respond to "kn h tuh"  
182 message.contains( other: "kon h tuh") -> {  
183 "Main ek AI bot hoon jo Himalayan Trac  
184 }  
  
185 // Respond to "contact details of the development team"  
186 message.contains( other: "contact details of the development team") -> {  
187 "You can contact our development team at:  
188 1. Mihir: jainsuresh713@gmail.com  
189 2. Anurag: anurag@example.com  
190 }

HimalayanTracker > app > src > main > java > com > example > himalayantracker > utils



# Technologies we used :



**Kotlin we used for  
backend and front-end  
development**



**Firebase we used for  
authentication  
integration**



**Razor Pay we used for  
payment integration for  
booking hotels**



**POSTMAN**

**Postman is used For  
Building and testing API  
for fetching data**

# Roles

## Back-End

Mihir Jain  
is responsible for  
developing the Back-end  
side of the application

## API's

Siddharth Goyal  
is responsible for building  
the API for the news,  
hotels and tracks

## Front-End

Tushar Singhal is  
responsible for developing  
the front-end side of the  
application



Himalayan  
Tracker

## Documentation

Anurag Sharma  
is responsible for  
gathering data , images  
and creating the docs.

# Final reflections and future scopes

**Himalayan Tracker** can improve user experience by enhancing the interface and adding features like location-based search.

Future development may include integrating machine learning for personalized recommendations and partnering with other platforms to expand offerings and market reach.



# Thank you!

if you have any queries please ask ?