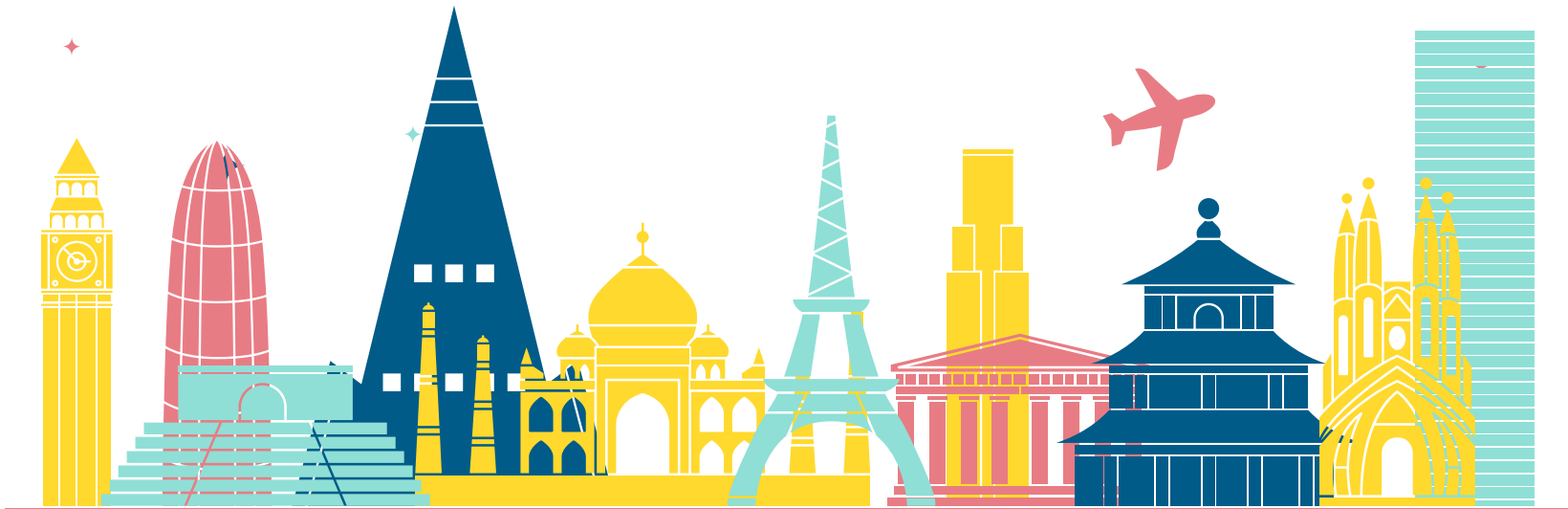


Voyageur

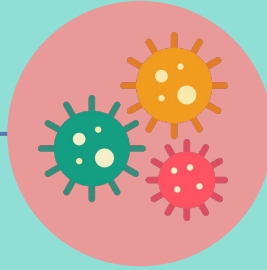
Restoring Public Confidence
on Safe Travels



Problems



Our team member Bhavya won HackAsia '19 Grand Prize and got tickets to a conference in Barcelona in May 2020.



Due to the COVID-19 pandemic, the conference was cancelled and postponed to summer 2021.



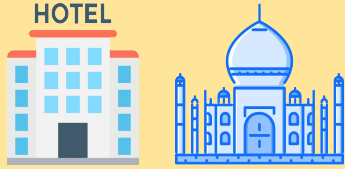
Now, he is unsure if he should travel to Spain in 2021, even if the epidemic has died down.

We realized this would be the case for many travelers, both **leisure** and **business**. One of the major problems would be making travelers gain the **confidence** to travel again. We decided to do something to encourage people to travel, by assuring them of **safety**.

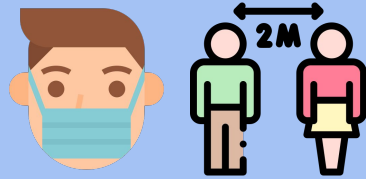
Problem Identified:

- Super crisis in the transportation & travel domain in the aftermath of Corona.
- Lack of a system that helps in defining zones based on safety rules such as social-distancing in real-time.
- Negative impact on people's mindset, behaviours and confidence to travel
- There is a need of an holistic system that helps travelers to feel safe while traveling.

Our Solution - Module 1



Software services for hotels, airports, parks, museums, theatres, and other enclosed **private tourist spots**.



Our system will auto detect whether people are **following social distancing** and **wearing masks**, from cctv footage.



The owners of the place will be **alerted** if someone is **not following the rules**, to ensure safety rules are being followed.



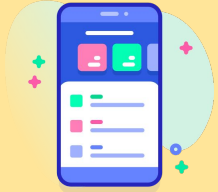
These places can **advertise** their safety stats and that they're using a **system to ensure safety**, to attract more tourists.

Tourists will **trust** places that have such a **system**. It will **restore public confidence on safe travels**.

Privacy

- The video footage from the tourist places will be accessible only to their owners.
- We will collect no data or information, and won't have access to the cctv footage.
- We just provide a software platform to these places for ensuring safety rules.

Our Solution - Module 2



An **Android app** for travelers/tourists. In it, users can pick a **destination** and a **date** of interest.



The app will send them **updates** of that place, and give the **estimated** number of cases, using **data analytics**.



Users can make an **informed decision** and **postpone** or **cancel** their trip advance, without losing out money.



This will also help air travel companies and hotels, who have to bear **losses** if a person **cancels** their bookings.

Being **well researched** will encourage people to travel. Seeing **regular updates** about a place they are about to visit in a hassle free way will restore their confidence.

Instead of creating this as a new app, we will sell this to travel companies (like MakeMyTrip, Traveloka). They can integrate the **white labeled app** in their existing apps.

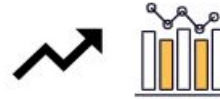
USE CASE



Providing Status, trends and news of the traveller's destination on travelling and hospitality industry



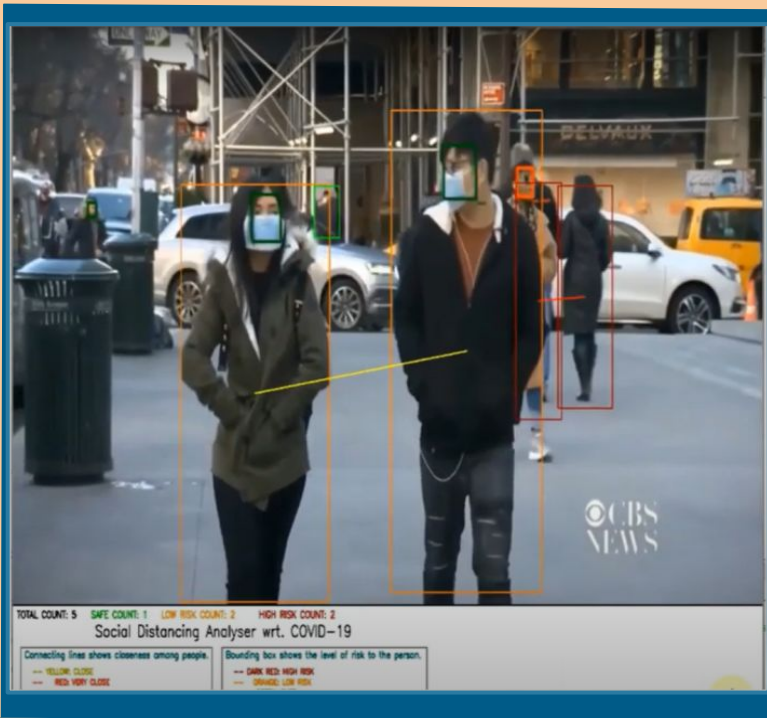
Provide safety ratings of various hotels/restaurants and other tourist places using AI-Social distance calculator and Mask detection Algorithm.



Predicting future trends in COVID cases. Helping travelers make more informed decision.



Thereby reviving confidence among travellers and the overall economy



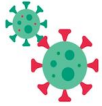
Social distancing and mask detection



Creating hotspots by analysing the crowd density



Don't let Pandemic curb your Enthusiasm



COVID Data



Checkpoints



Get Info



Get Help



Analysis



Map



Top News

Spain's coronavirus antibodies study adds evidence against herd immunity

Positive

Source : CNN
Barcelona
Spain

Coronavirus: Spain's Alhambra Palace reopens to visitors

Positive

Source : Fox News
Barcelona
Alhambra Palace
Spain

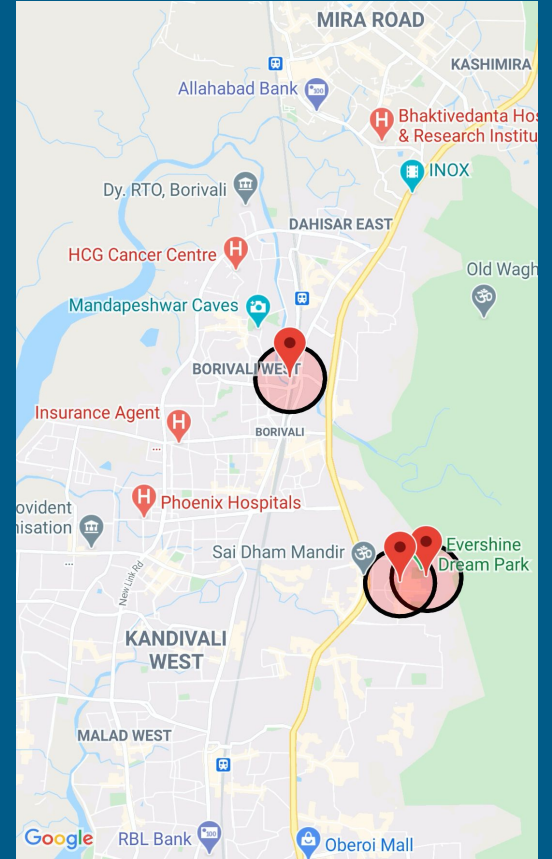
User Feedback



Darshan Patil
Recently visited
Barcelona, Spain

Positive

" Safe place to go "



Wednesday Jul 08, 2020



Bon VoyAIDE

Hello!
I am the virtual assistant of Bon VoyAIDE.
You can ask me all the travel-related queries!

10:12 AM

Hi

10:13 AM



Bon VoyAIDE

Hello!
I am the virtual assistant of Bon VoyAIDE.
You can ask me all the travel-related queries!

10:13 AM

Cases in Barcelona

10:13 AM



Bon VoyAIDE

There are 62,057 COVID cases in Barcelona

10:13 AM

Covid helpline

10:14 AM



Bon VoyAIDE

104
[020-26127394](tel:020-26127394)
[044-29510500](tel:044-29510500)

Coronavirus: Spain's Alhambra Palace reopens to visitors



Source : Fox News
Barcelona
Alhambra Palace
Spain

User Feedback



Darshan Patil
Recently visited
Barcelona, Spain



" Safe place to go "



Bhavya Meghnani
visited 2 mons ago
Barcelona, Spain



" Social distancing
is followed "

Japan

Confirmed

73264

Recovered

63734

Deaths

1412

Active

8118



Stakeholders & Potential Customers (APAC Region)

Online Travel Companies

make **my** trip

zuji

trivago

goibibo
.com

Expedia

Hotels and Restaurants

Holiday Inn
& Suites

TAJ
INNERCIRCLE
REWARDS & PRIVILEGES

Jetwing HOTELS
SRI LANKA

HOTEL
INDONESIA
GROUP

Museums

Asian
Art
Museum

MUSEUM
AZJI
IPACYFIKU

USC Pacific
Asia Museum

Amusement Park & Museums

UNIVERSAL STUDIOS
SINGAPORE

INDIAN
WILDLIFES

JURONG
BIRD
PARK

The Indian Museum
Ministry of Culture
Government of India

Residential areas & Shopping malls

AEON
MALL

KTCC
MALL
YOUR ONE-STOP SHOPPING HALL

Lucky
Chinatown
美加廣場

Package based Subscription Model

Face Mask
Detection Model
with Camera

Social Distance
Monitoring with
Camera

Mobile Application
for End-users with
all Features

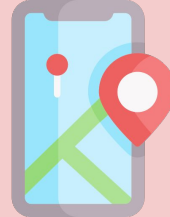
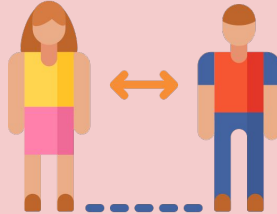
Prediction Model
with Stats &
Performance data

Face Mask
Detection Model
without Camera

Social Distance
Monitoring **without**
Camera

Mobile Application
for End-users with
few Features

Prediction Model
with **only**
Performance data



Clients can buy only the required Voyager package module that will help them to cut down cost. They can also buy custom packages based on their needs. (Eg:- With / **without** camera)

Project Cost Structure

COST OF A SINGLE PRODUCT

\$ 1213 /year

COST PER CAMERA 45 \$
(Installation + Maintenance)

COST OF USING AI SERVICE
(Mask+ Social Distance)
And
CLOUD SERVICES 0.50 \$ /hr
(AWS)

TOTAL COST IN A YEAR

\$ 122,650 /year

Single product cost 121,300\$
(100 products)

Marketing cost 650 \$

Packaging & Logistics 400 \$

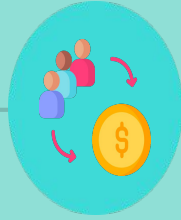
Miscellaneous 300 \$

Vision of Investment



TECH MODULES

- Computer Vision
- Android App
- Website App
- Cloud Service
- Prediction Model
- Web/News Bot
- Pipeline Module



MARKETING

- Free trial-15 days
- Via Bloggers
- PR Services
- Advertising Camp.
- Referral Programs
- Social Media
- Email Promotions
- Influencer Module



SUPPORT TEAM

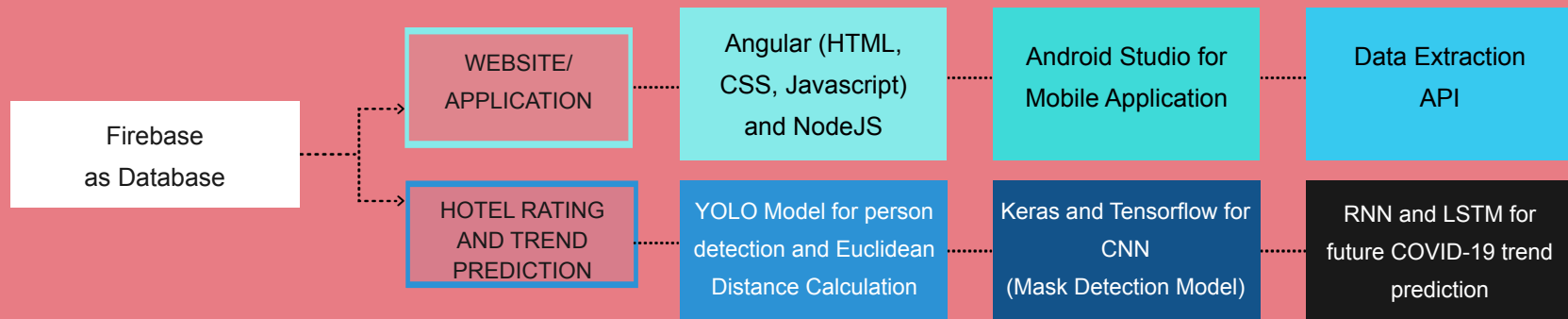
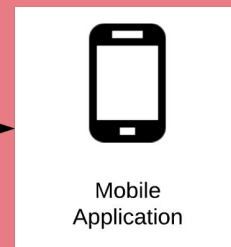
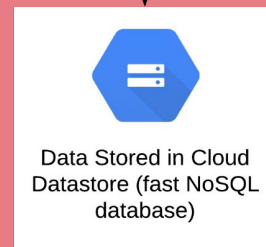
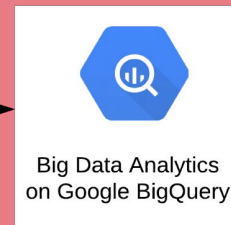
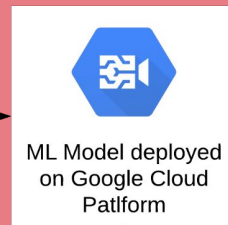
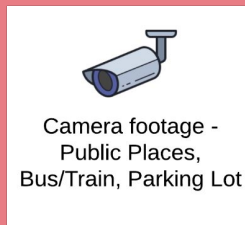
- Technical - 4 ppl
- Marketing - 6 ppl
- Business - 3 ppl
- Developer - 3 ppl
- Tester - 3 ppl
- Legal - 2 ppl
- Innovation - 3 ppl
- Ground Help - 5ppl



MISCELLANEOUS

- Patenting
- Infrastructure
- Resources
- Guidance
- Events & Shows
- Mascots
- Others

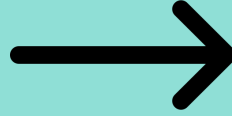
Tech Stack



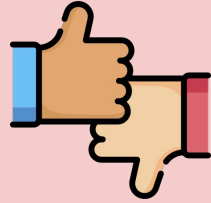
What happens to Voyageur after COVID19 ?



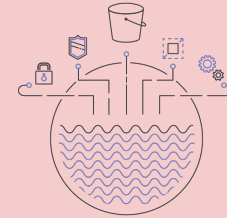
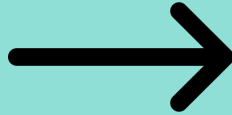
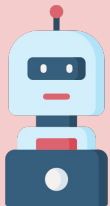
Face & Social Distancing Monitoring System



Crowd & Accident Management System



Web Scraper & ChatBot



**Health & Region
specific tourist news
& travel offers**



**Travel & Health
related
Queries**

Thank You

Important Links

Demo Video

https://www.youtube.com/watch?v=AA_PkyLOZfc

Code

- <https://github.com/vedant74/-Hackathon->
- https://github.com/shru-r/voyageur_android_app

