

PROJECT REPORT TEMPLATS

I.INTRODUCTION

I.1 OVERVIEW



A Personalized Travel Planning and Tracking App, aimed at helping you better plan your vacations and other travels.

A personalized travel guide that helps you keep track of your day trips , reservation, point of interest,

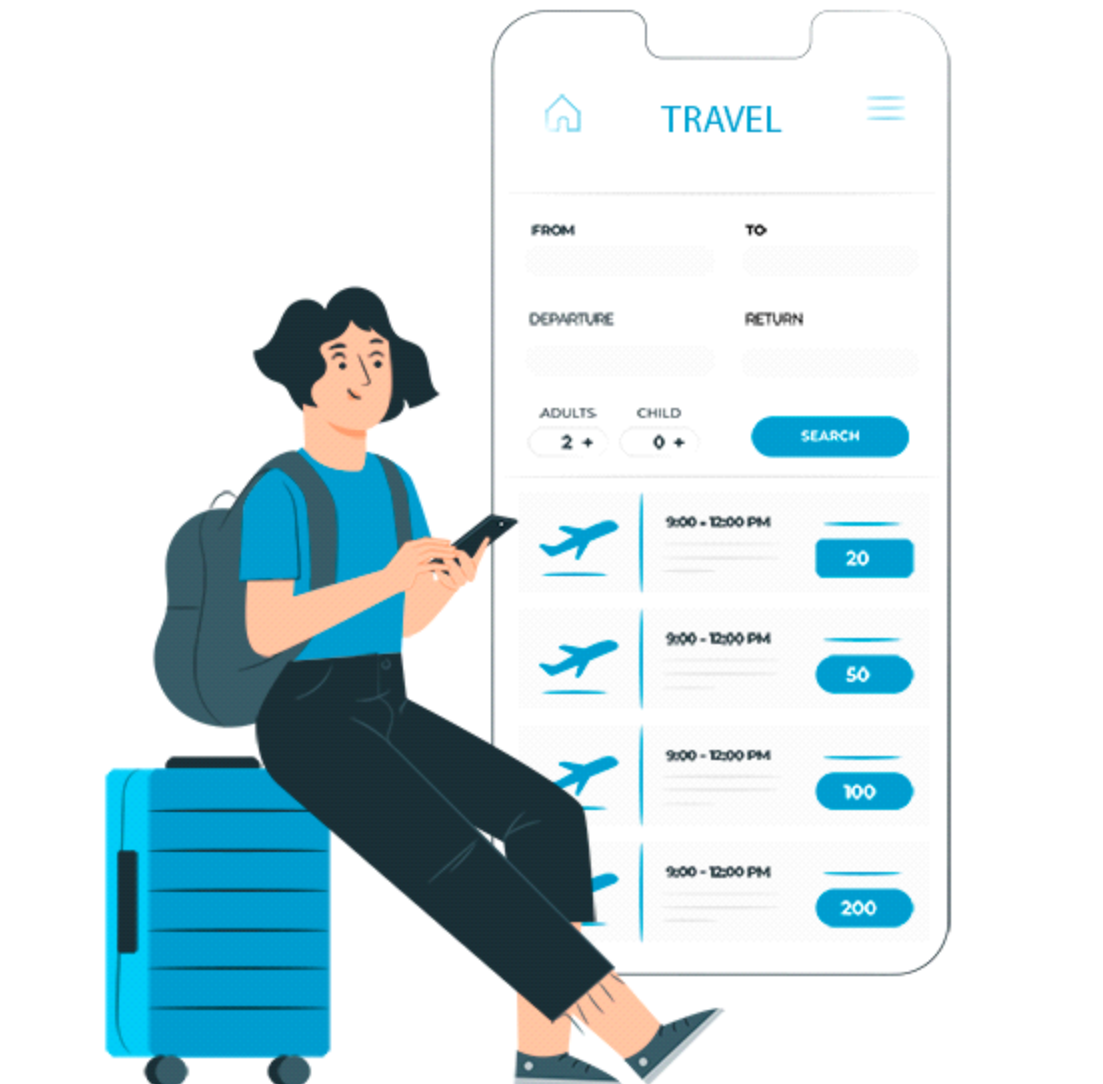
tourist attractions , restaurants and more.

The Application allowing users to creat account and login to the app. You can use fire base authentication or other third-party authentication services to simplify this process.

Develop a user-friendly interface for creating travel itineraries, including the ability to add and edit travel destination ,dates and activities.

But the app isn't just for collecting information - it can also make suggestions.

1.2 PURPOSE



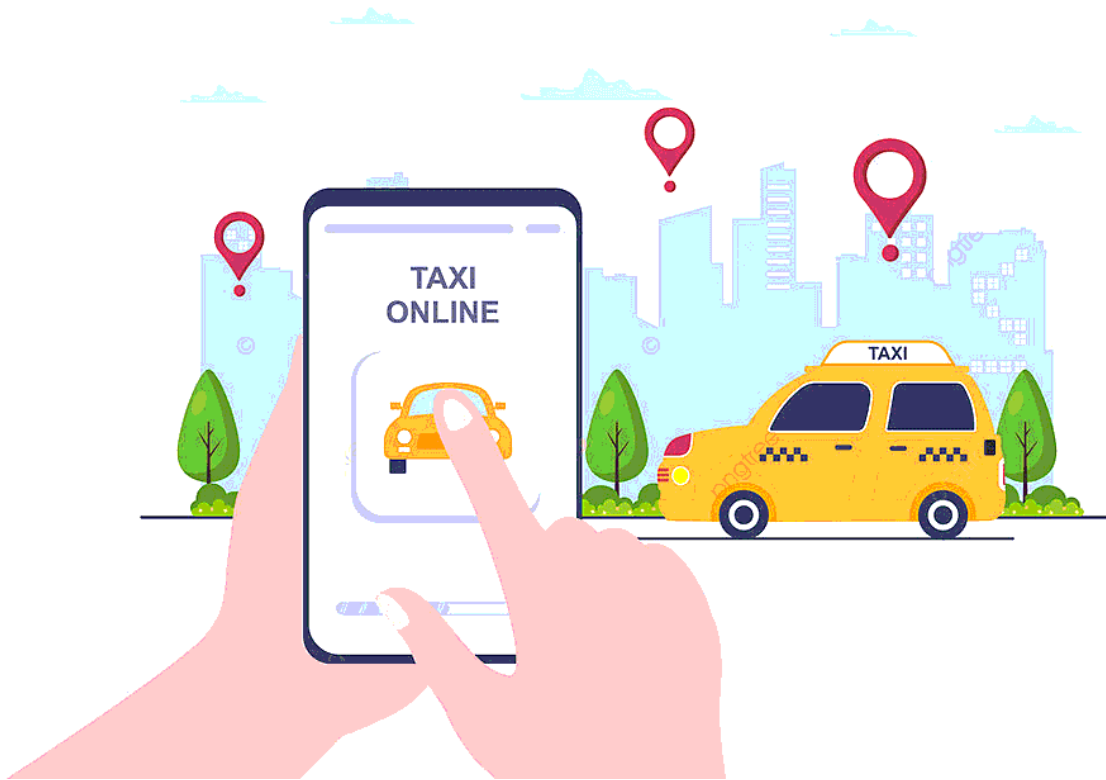
Map Integration & Navigation :

- The successful integration of GPS-based location services is a critical goal for standing out in the industry of travel app development.
- Users can avail of tracking services to pin their

current location and instantly retrieve the closest results.

- At a specific location, the app will be able to provide details for a hotel, cafe, or adjacent local attraction.
- Your travel app should be able to get a GPS lock, track your location, and return information swiftly.
- You can provide all kinds of services to tourists on a journey if you include this function.

Booking & Reservation :



- When it comes to convenience, logging in isn't the only way to demonstrate it.
- The booking function, which combines flight tickets, train tickets, hotel reservations, and automobile reservations, will be the best feature in the travel planner app for users.
- Since all personal information is updated throughout the registration process, the ability to book with a single click will entice many users

and travelers to download and utilize the app.

- A hassle-free reservation of various services through the convenience of a single app will add to the user experience.

Reviews & Recommendations :

- The popularity of a travel app stems from how trustworthy the information that it delivers to its users.
- The source of this truth is the ratings, reviews, and recommendations that the app's content generators as well as users post.
- If a restaurant has been rated by a large number of authorized travelers, its credibility increases than the material provided by the administrator, where no one can remark or make personal recommendations.
- This also raises awareness and helps hotels, cafes, and other companies improve their offerings.
- Rather than forcing users to download additional apps, travel app providers should simply

incorporate these functionalities into their existing products.

Transportation :

- Travelers frequently plan their trips ahead of time, from where to go to purchase tickets and hotels.
- Typically, when planning a trip, travelers will read reviews, seek advice from friends and family, and use the internet.
- It would be fantastic if passengers could access information, book hotels, and purchase tickets directly from the app.
- As everything will be combined into one trip planning app, it makes the journey of the user stress-free.
- Cab service is one of the most crucial aspects of a trip, whether you need to get from the airport to your hotel or to a certain tourist spot.
- Integrating travel services into the app allows users to explore the destination better without the fear of being lost as your app can come to the

rescue!

Weather forecasting :

- According to a study on the effects of weather on travel satisfaction, for travelers in Europe sunshine and higher temperatures create favorable weather to tour a new place.
- Thus, the influence of weather on traveling cannot be ignored and must be integrated into the travel planning app.
- A real-time weather forecast feature can be helpful in better planning one's mode of transport and time of travel. Through this facility, users will be able to stay aware of the weather and steer clear of natural disasters.
- Including a weather feature in your app ensures that travelers do not switch to another app to check the weather.
- The weather forecast feature should provide them with a comprehensive overview of the projected wind speed, cloud forms, humidity, and

so on.

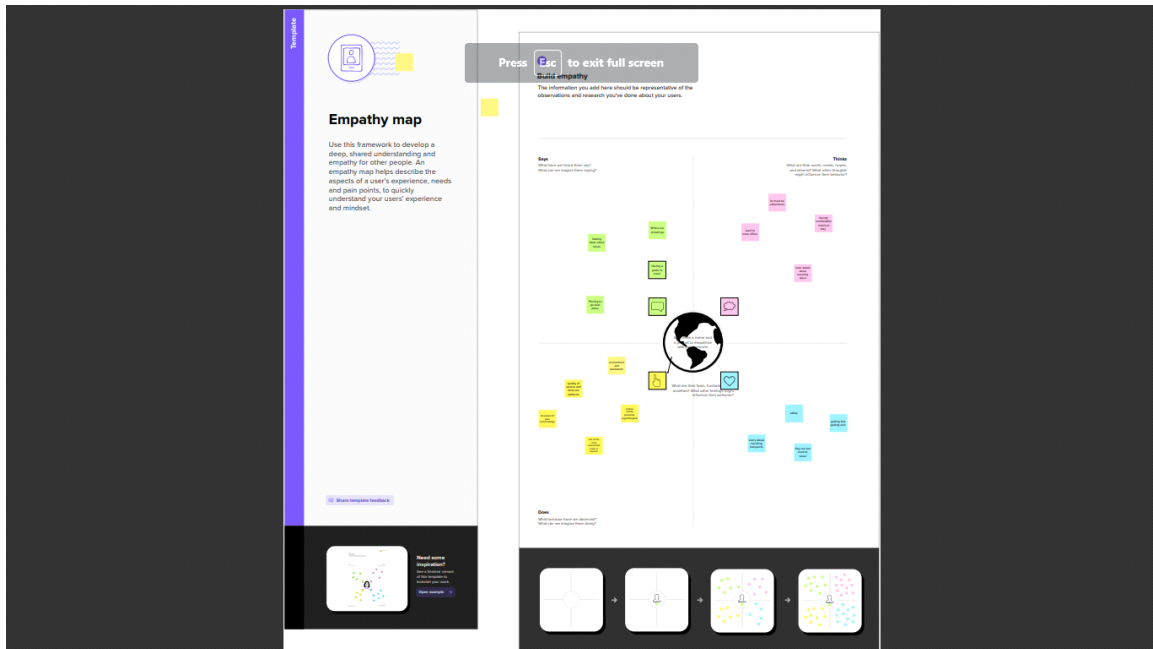
Emergency services :

- Navigating in an unknown city can be tricky especially when one is in an emergency.
- Regardless of the time or location, an emergency scenario can arise.
- At times like these, emergency functions play a crucial role in any vacation trip, although few people think about them until something goes wrong.
- In case of an emergency, the traveling app connects users with the local emergency number.
- Every travel app development project should remember to include an emergency phone number and services (based on location) feed so that travelers may get in touch with them whenever they need it.

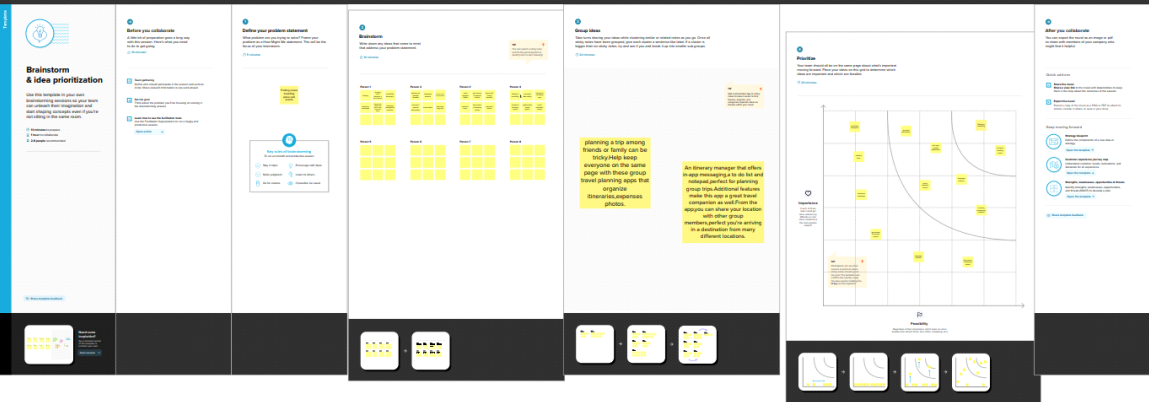
2.PROBLEM DEFINITION &

DESIGN THINKING

2.1 EMPATHY MAP



2.2 IDEATION BRAINSTORMING MAP



3.RESULT



Register

Username

manikandans2093

Email

manikandans2093@gmail.com

Password

.....



Login

Username

manikandans2093

Password

.....

Successfully log in

Wanderlust Travel



Bali

Super saver pack with less than \$10000
7days/2persons



Paris

Super saver pack with less than \$10000
7days/2persons

4.ADVANTAGES & DISADVANTAGES



ADVANTAGES:

- The Application will understand and interpret the query.
- The budget allotted to various categories can also be prioritized i.e. prioritizing travel over food.
- Selected travel plans can be customized.
- Additional information about the destination, related images and videos, reviews is also

available.

- Various services are available in a single application like whether, alerts etc.

DISADVANTAGES:

- Low cost booking sites offer discounts with conditions.
- User need to specify details foe every booking like flights, hotel rooms, restaurants etc.
- Many websites, after displaying the list will redirect to other websites pages.
- No option for specifying total vacation budget.
- No proper sync between different categories like rooms maybe available but no availability of flights.

5..APPLICATION



A travel planning app is application for booking travel reservations, tracking loyalty points, and A travel planning app is an application for browsing travel packages. A travel planning software package can be used by travel agencies, travel suppliers, and consumers. Some travel planing applications are specifically designed for use by travel agencies, while others are designed for individual consumers.

Travel applications and software are now available for every major operating system and can be used on almost any device . Many users also prefer to use travel services . With a free trial, Which allows

them to see how the service works before deciding whether or not to purchase. The growth of this market has led to increased competition and therefore a need for more innovative and unique applications and software .

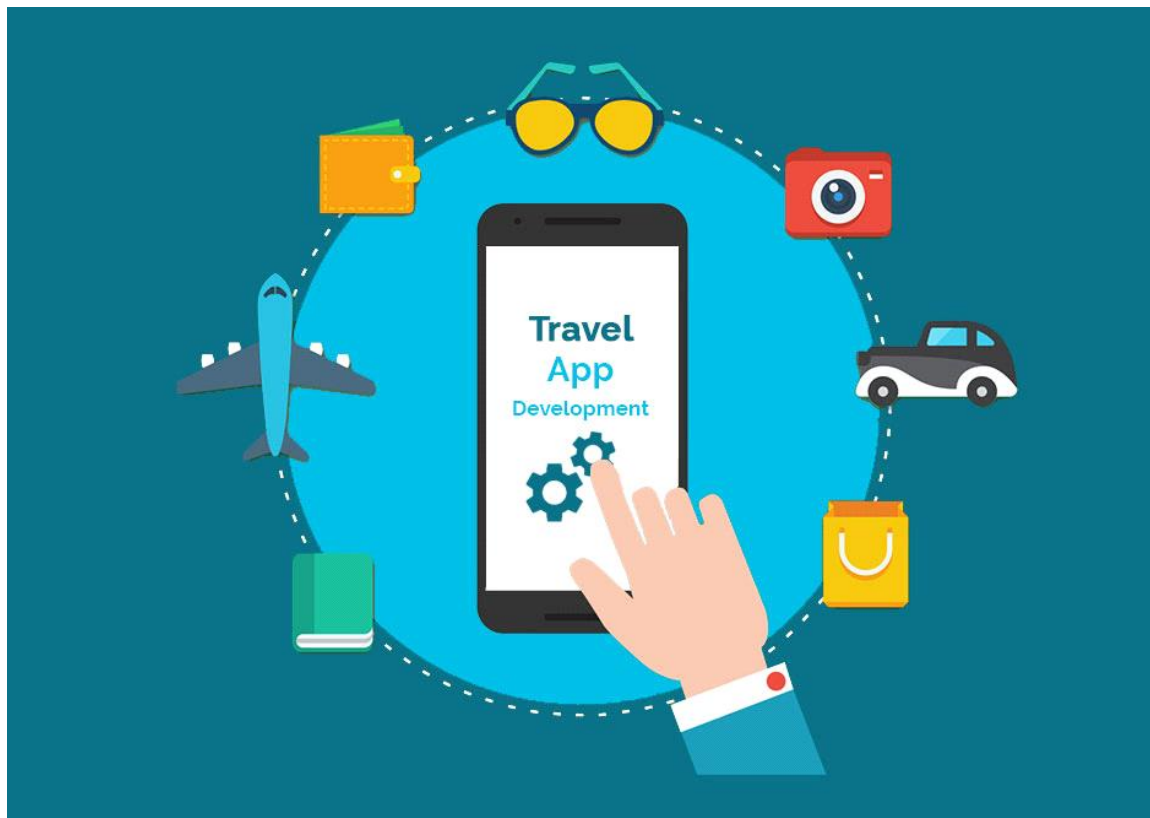
6.CONCLUSION

The pandemic has surely left a mark on the travel and tourism industry. This has been evident with the slump in revenue in the hospitality and tourism sector, which was the most affected economic sector. However, with the alleviation of travel restrictions, people have taken to vacationing in their favorite destinations, albeit with necessary precautions. The availability of travel planning apps helps people navigate through government policies during these difficult times.

The convenience of booking flight/train tickets, reserving hotel rooms, hiring rental cars, and charting out a travel itinerary from the comfort of one's home on a single app has boosted the travel planner app industry. Travel agencies have recognized the merit of travel planning apps and are scouting the best

means to learn how to create a travel app. The app development tools and case studies will help one have a better understanding of the app they wish to create and the requirements one must consider. Or simply skip the deliberations, and let us at CronJ help you! Having worked with the best, we know exactly how to create a travel planner app that caters to your needs in a cost-effective and efficient manner.

7.Future scope



The on-site experience:

As travelers continue to book through online channels, OTAs and other booking sites need to use various data points (from behavioral to demographical) to personalize the results and show travelers more relevant offers that will increase conversion rates.

- The physical experience (in-flight, in-hotel, in-restaurant):
- Travelers increasingly expect more personalized customer service.

For airlines, this means arming flight attendants with key information like as traveler's airline status or their preferred language.

For hotels, it means anticipating a guest's preferences on room types, amenities, dietary restrictions, and more.

Communications:

- Targeted emails are one thing, but personalized communication should go beyond that.

Knowing a traveler's preference of communication method (SMS vs. chat vs. email vs. phone), leveraging information about a traveler's geolocation, their flight departure/arrival times, and more are now critical to sending relevant targeted offers.

The end-to-end trip itinerary:

- want to visit hotels, attractions and restaurants that Instead of cookie-cutter tour packages, travelers match their own unique preferences, pace of travel, and budget (while tour packages tend to cater to one budget level, many travelers prefer to save in some areas such as lodging, but splurge on experiences such as high-end restaurants).
- These all serve to make the traveler experience smoother, requiring less time for the traveler to search for what they're looking for, and instead have systems that predict what the traveler needs, in some cases even before they realize it themselves.
- Journy is a mobile app and web platform that

pairs travelers with their own personalized trip designer to plan their perfect trip.

- Travelers work one-on-one with their trip designer online to create a fully tailored custom itinerary with recommendations sourced from our network of 300+ top chefs and local experts.
- Travelers get a custom itinerary created by their own personal travel designer. Most companies face two main challenges in bringing personalized travel to life.
- One, there's a massive amount of data needed to allow personalization at scale, and two, the decision of which types of interactions should be automated, versus the high-touch interactions that should remain human.
- On the data side, there's a host of traveler information available, ranging from location-based data to past behaviors (like seat preference or how far in advance they book).
- There's also supplier information — flight times, schedules, ticketing availability, and reservation

availability.

- Getting all this data onto one platform requires integrations between companies' own proprietary data and third-party data.
- The decision of what parts of travel should be automated and which should remain human is a delicate balance that can either greatly enhance or destroy a traveler's experience.
- In some instances, technology is seamless (e.g., getting a credit card fraud alert and being able to tap to confirm or deny that transaction is much smoother than being disturbed with a phone call from a human).
- Other times, it can be hugely frustrating (e.g., talking to a chatbot to book a complex flight where there are many trade-offs to consider).
- At Journy, we're focused on becoming the one unifying platform for travelers to plan and track every aspect of their trips — and carefully identifying what can be automated versus what requires a human touch is critically important.

- When we started the company, we planned every aspect of a person's trip manually.
- Today, while there are many aspects of the planning process that we've automated, our travelers always communicate through email or chat with a real human.
- Our trip designers interact with our tech platform, but our travelers for the most part just get access to an expert to plan their trips to their liking — something that's been critical to the value of the service Journey provides.
- We've seen first hand that having a purely digital product, while technically something that is cost-saving, ultimately may not be best for overall profitability.
- In the past, travelers would have to convert to paying for our service off of just a website.
- But, in the last 2 months, we allowed travelers to schedule phone consultations with us, and it's a decision that has resulted in a conversion rate that is 20x higher, and a traveler that spending at

least 2.5x more with us than travelers who convert purely online.

At the end of the day, travelers voting with their wallets value the experience above anything else — if the driving factor behind personalization at scale is cost savings, companies may find that they're creating an experience that alienates rather than delights.

8.APPENDIX

A.SOURCE CODE :

Modifying AndroidManifest.Xml

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<manifest
```

```
xmlns:android="http://schemas.android.com/a  
pk/res/android"
```

```
xmlns:tools="http://schemas.android.com/tools
```

">

<application

android:allowBackup="true"

android:dataExtractionRules="@xml/data_extraction_rules"

android:fullBackupContent="@xml/backup_rules"

android:icon="@mipmap/ic_launcher"

android:label="@string/app_name"

android:supportsRtl="true"

android:theme="@style/Theme.TravelApp"

tools:targetApi="31">

<activity

android:name=".RegisterActivity"

android:exported="false"

android:label="RegisterActivity"

android:theme="@style/Theme.TravelApp" />

<activity

android:name=".SingaporeActivity"

android:exported="false"

android:label="@string/title_activity_singapore"

android:theme="@style/Theme.TravelApp" />

<activity

android:name=".ParisActivity"

android:exported="false"

android:label="@string/title_activity_paris"

android:theme="@style/Theme.TravelApp" />

<activity

android:name=".BaliActivity"

android:exported="false"

android:label="@string/title_activity_bali"

android:theme="@style/Theme.TravelApp" />

<activity

android:name=".MainActivity"

android:exported="true"

android:label="@string/app_name"

android:theme="@style/Theme.TravelApp"/>

```
<activity
    android:name=".LoginActivity"
    android:exported="true"

    android:label="@string/app_name"

    android:theme="@style/Theme.TravelApp">
    <intent-filter>

        <action
            android:name="android.intent.action.MAIN"
            />

        <category
            android:name="android.intent.category.LAUNCHER" />
    </intent-filter>
</activity>
</application>
```

</m-anifest>