

# OFF TO TOUR

Dr. P. SHANMUGA PRIYA<sup>1</sup>, J.VARUN JAGADEESHWAR<sup>2</sup>, J.S.SANTHAN<sup>3</sup>

<sup>1</sup> Associate Professor, Dept. of Computer Science Engineering, SCSVMV University, [pshanmugapriya@kanchiuniv.ac.in](mailto:pshanmugapriya@kanchiuniv.ac.in)

<sup>2</sup> Graduate student, Dept. of Computer Science Engineering, SCSVMV University, [jvjagadeeshwar@gmail.com](mailto:jvjagadeeshwar@gmail.com)

<sup>3</sup> Graduate student, Dept. of Computer Science Engineering, SCSVMV University, [josulasanthan@gmail.com](mailto:josulasanthan@gmail.com)

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## ABSTRACT:

Software that facilitates user demands is known as app development. Our study creates a unique pairing of two modules as a component of the software. Users work more efficiently and use less storage space with an application that combines social media and travel. This article demonstrates how a user can make trip reservations and post their travel experiences in the form of pictures and videos to the application. Our innovation also resolves the most pressing issue that all devices encounter, which is storage consumption by massive apps. This particular use can lessen that trouble.

**Keywords:** Firebase, Java Script, Maps, Android Studio, Emulator.

## Introduction:

One of the best methods to reenergize yourself is to travel. It is also a great method to get away from a life that is monotonous and repetitive.

You learn that there is more to the world than what you have seen, experienced, and will ever be able to see in this brief lifetime through traveling to new areas. Traveling makes us explore ourselves and the world among us.

What makes the voyage even more intriguing than it already is which prompted us to develop the concept of OFF TO TOUR, which gives tourists the true experience they desire. This android app provides users with the best virtual travel experience possible.

## Objective:

Booking online reservations for vacations and a tourist's full vacation are the main goals of this effort. Another feature of this application allows users to share their memories with their loved ones, friends, and followers.

## Scope of the Project:

The purpose of this paper is to provide a user interface with an application that can simultaneously complete the tasks that would normally require two separate apps.

## Existing System:

The user interface experience is not satisfactory in the existing system. The following points are describing the existing system's drawbacks: Applications are not so efficient in providing information and are not so user-friendly. You need Internet Access to use Online Booking applications. Reliable internet access is required to check reservations and add bookings that are made over the phone. Not all booking applications are created equal we need to pick the best. The main drawback of this work is that "guidance to the traveler" in which a tourist needs to find their way of the best timing to approach the travel destination. And mostly a tourist miss their original travel guide experience.

## Literature Survey:

The goal of this research is to create a virtual reality application system prototype for the Jakarta virtual tourist market. This panel's approach is to do a literature assessment and develop an application prototype for a hypothetical tourist program for Jakarta. The use of virtual reality tools to the Jakarta virtual tourism application, which intends to aid the tourism industry hit by the COVID-19 pandemic, and the creation of Android OS application prototypes are the study's results. The Android OS was used to create an application prototype, which is imperfect and hasn't resulted in a functioning application. This is the fundamental limitation of the study. In order for travelers to choose between traveling offline or online during the COVID-19 pandemic and in the future, this research will be very helpful to the growth of the tourism industry.

One of the socioeconomic phenomena with the fastest global growth at the moment is tourism. Bangladesh, like all the other nations, is seeing a steady increase in the tourist industry, which has positive effects on the economy and creates job possibilities. This essay outlines the whole procedure for developing an Android trip planner application, including the theory and software development. Our suggested tour planner application has been created to address the main difficulties associated with travel and tourism by lowering traveler stress and facilitating straightforward tour planning in response to specific user requirements. This Android software is essentially a customized travel planner where users may plan a trip depending on their travel time and budget. The React Native framework was used in this project to design the application's front end. The front-end app and the back-end express server are linked using the Apollo Client library.

The travel and tourism sector is significantly impacted by smartphones and applications. However, cultural differences can hinder the spread of technology and have an impact on all facets of people's behavior. Individuals can deal with these disparities more successfully thanks to their cultural intelligence (CQ), and those who have a high CQ are more adaptive and able to survive in cultural situations other than their own.

The current study's goal is to suggest and test a model in which CQ functions as an antecedent of pleasure with the travel app and the tourism experience. The study reveals that a tourist's CQ affects their satisfaction

with the app and the tourism experience based on a sample of 243 Spanish tourists who used a travel app while on their trip. It further exemplifies how contentment with the travel app affects satisfaction with the overall trip experience. There are correlations between social media influence, amount of trust, and planned changes in travel decisions. The current study's goal is to suggest and test a model in which CQ functions as an antecedent of pleasure with the travel app and the tourism experience. The study reveals that a tourist's CQ affects their satisfaction with the app and the tourism experience based on a sample of 243 Spanish tourists who used a travel app while on their trip. It further exemplifies how contentment with the travel app affects satisfaction with the overall trip experience. There are correlations between social media influence, amount of trust, and planned changes in travel decisions.

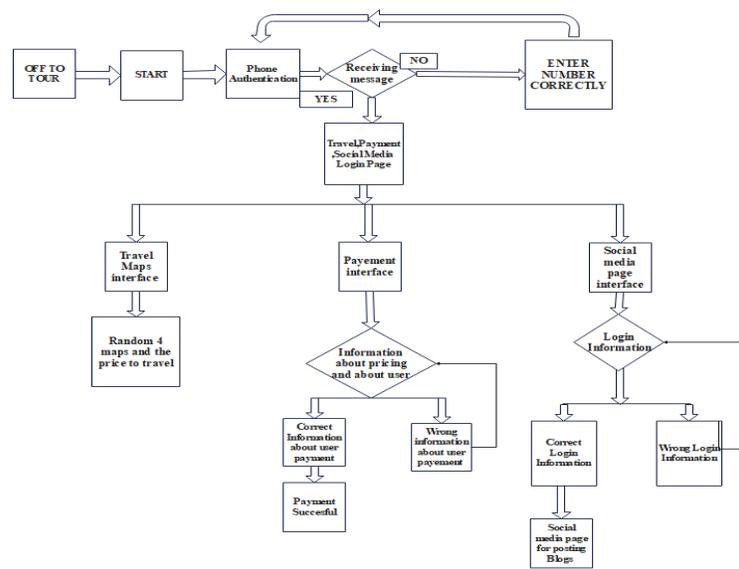
### Problem Statement:

People are discovering the world every day and wish to travel to various locations; for this, they want a qualified tour guide. Applications that provide users of travel apps with the necessary direction are nonexistent. In this instance, we made an effort to solve the issue by providing travel information. Additionally, we have tried to address the issue that utilizing two applications for different tasks makes consumers uncomfortable.

### Proposed System :

There are a tonne of apps available for booking trips. We made our application simple and user-friendly, providing their booking information and travel maps for them, in an effort to address all the issues with the current system. We also built a custom application that allows users to post their travel experiences and read about those of other users by perusing other users' posts and contents.

### Architecture:



## Process:

The user must register using a cellphone number that generates an OTP (One Time Password) for the application's opening and login. The user then has the option of entering either the "TRAVEL INTERFACE" module or the "INTERACTION INTERFACE" module depending on their needs. The user can reserve their vacation packages through it if they select the travel interface module. Otherwise, if the user selects the interaction interface module, they can vlog in that module and share their journey photos or any other photos.

## Module Description:

### Primary Module:

The Primary Module is booking reservations which named it as 'Travel Interface'. By using this module user can Book their Holiday packages which are provide pre- processed in the application.

### Secondary Module:

This is the secondary module of the work. In this module the user get the facility of sharing their pictures in the application and can share their thoughts on it.

## Implementation:

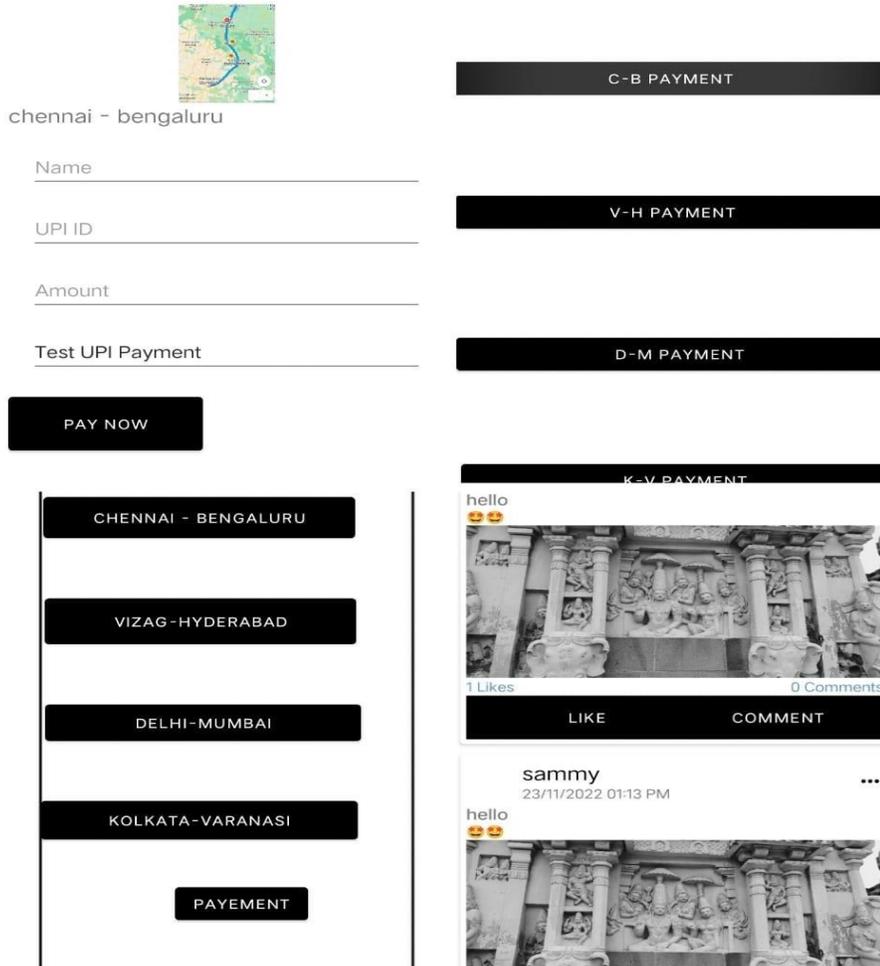
Our main objective is to use this programme to give tourists a virtual vacation experience. To register for the application, we first need to create an account. We created an XML for the landing page and included logic to connect to the firebase for that. After that, there will be an OTP verification that requires a mobile number.

The home page will then be displayed, where the consumer can select the desired vacation package. After that, it displays the destination's route map so that they can complete their journey. The user will then be granted access to a different module where they can post their travel-related experiences on the social media platforms made available by the application.

Vlogging is the practise of posting images and videos online for friends, family, and followers. We also have a term for this practise: "Tlogging." someone decides on travel vlogging.

We created this application using the XML provided by Android Studio and the language's code.

**Result:**



**Conclusion:**

This work shows how using a tourism application can be advantageous in a number of ways for booking travel with appropriate guidance and also to have a social interacting module that provides nearly everything a traveller asks for, negating the need for the user to use two applications for two different purposes.

The use of Android applications is growing every day in a wide range of industries. Our work is one of these applications that helps people in different ways for their daily needs.

The majority of the apps in this book are built using Java, which is also the language that is used the most frequently. Furthermore, there is a tool called Android Studio that has an XML component and is where the designing was carried out.

In terms of the conclusion, this complies with the demands of the design that was recommended for this project and mentioned above.

## Future scope:

From this, we developed a user interface and an application that can carry out actions that would typically require two different apps, one for ticketing and one for tlogging, simultaneously.

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## AUTHOR'S PROFILE:

1. Dr. P. SHANMUGA PRIYA Associate Professor, Department of Computer Science and Engineering at SCSVMV, Enathur, Kanchipuram, India.
2. Mr. JONNALAGGADA VARUN JAGADEESHWAR, Graduate Student, B.E, Department of Computer Science and Engineering at SCSVMV, Enathur, Kanchipuram, India.
3. Mr. J.S.SANTHAN, Graduate Student, B.E, Department of Computer Science and Engineering at SCSVMV, Enathur, Kanchipuram, India.