**TRAVEL BLOG APPLICATION**

**PROJECT SYNOPSIS**

OF MINI PROJECT-II



**BACHELOR OF TECHNOLOGY**

COMPUTER SCIENCE AND ENGINEERING

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**ABSTRACT**

We are going to develop an android application which is based on tourism. We have decided to develop a truly Indian travel blogging application to join the greatest initiative “SELF RELIANT INDIA (ATMA NIRBHAR BHARAT)”. This application will provide many facilities and opportunities so that people from all over the world might be able to know the variety of incredible places in India. This application will surely enhance both the rural and urban tourism of India. Our application will provide the audience with the facility of unique user identification. Users can see the blogs of other users and have the facility to give the review. They have the facility to search and sort the blogs. This will help people to know about other places and the experience of other users.

**MOTIVATION**

India is a land of diverse traditions, culture and atmosphere so we have a variety of clothes to wear, foods to eat, societies to live and places to explore. Tourism is a sector which delights both the human soul and country’s economy. Millions of people come to India from all over the world to explore indian culture. In 2019, over 10.93 million foreign tourists arrived in India. The World Travel and Tourism Council calculated that tourism generated 9.2% of India’s GDP in 2018 and supported 42 million jobs which is 8.1% of total employment. Tourism industry has experienced a notable transformation with the evolution of information and communication technology. The Internet has become the major player to revitalize the industry by providing fast communication and ease of information in the last few years.

We require a platform where we can share our experience; we can gain more knowledge of our world. So, for this we are creating a travel blog android based application.

**PROBLEM FORMULATION / OBJECTIVES**

We want to create a platform where people can share their experience of their tours, the places they visit, what their feelings are, is the place worth visiting or not. It should be easy to access. So, we are creating an android based application where people can share their thoughts and experiences of their tour in the form of a blog. People can also review other people's blogs. They can create their own user id for the activities.

**METHODOLOGY / PLANNING OF WORK**

As we have already mentioned above, the application is based on android platform, so we are using *Android Studio* for android app building and the language we are using is *Kotlin* which is now an official language of android development. The step wisp planning for making the application is shown below:

1. Login screen
2. Detail screen
   1. Connect to network
   2. Loading data from internet
3. List screen
   1. Building layout
   2. Pull refresh
4. Search & Sort
5. Offline

**FACILITIES REQUIRED FOR PROPOSED WORK**

1. **Software required**
   1. Android studio
   2. Kotlin plugins
   3. Android emulator
2. **Hardware required**
   1. For creating application
      1. Computer / laptop having minimum 8 GB ram
   2. For running application
      1. Android operating system with minimum android 5.0

**BIBLIOGRAPHY / REFERENCES**

* <https://en.wikipedia.org>
* <https://www.incredibleindia.org>
* <https://tourism.gov.in>