



Computer Science Department

Faculty Of Science

University Of Zakho

Report Title: Tourist Guide App

Prepared by:

Lawend Abdulkarim

Ali Hussein Ali Ameen

Ayaz Naif

Zilan Younis

Course

Mobile Application

Supervised by:

Mr. Yousif Arshak

Apr, 2022

Table of Contents

Section one: Introduction.....	3
1.1 Abstract.....	3
1.2 Introduction.....	3
Section two:	4
2.1 About Tourist Guide Application.....	4
2.2 The Aims of This Project.....	4
2.3 Steps to implement the Project	4
2.4 Tourist Guide App Output	5
Summary.....	12
References.....	13

Section one:-

1.1 Abstract

The paper presents category classification of mobile travel applications accessible at the moment for tourists in application stores for most popular mobile operation systems (Android and iOS). The most interesting category is Travel Guides that combines Information Resources and Location-Based Services category. Authors propose application (Tourist assistant-TAIS) that is related to Travel Guides category and recommends the tourist attractions around. Information about attractions is extracted from different internet sources.

1.2 Introduction

The modern Internet provides tourists with huge possibilities for searching interesting information and planning their activities. Recent developments of information and communication technologies allow tourists to get interesting information via the Internet during their trips. Smartphones are mainstream in this area with active iOS and Android devices. As has been the case with other information and communication technologies, tourism has manifested as one of the most well suited sectors to mobile technology and mobile applications . There are a lot of services and applications that allow simplifying this search, proactively providing information about interesting attractions, user feedback. Usually the tourists demand applications from this category before the trip. Applications from Information Resources category provide the tourist a useful information during his/her trip (e.g., information about tourist destination, flight tracking). Applications from Trip Journals category allow the tourist accumulate and analyze information related the trip.

Section two:-

2.1 About Tourist Guide Application:

The tourist guide application enables users to locate distinct places to visit. They get a detailed description of the site along with the nearby places that they can see. Using this application, the user can select a location to see and get all information regarding that place in Kurdistan. Whether it's bus stations, restaurants, famous places, or the site's history, all you can get in the same place.

2.2 The Aims of This Project

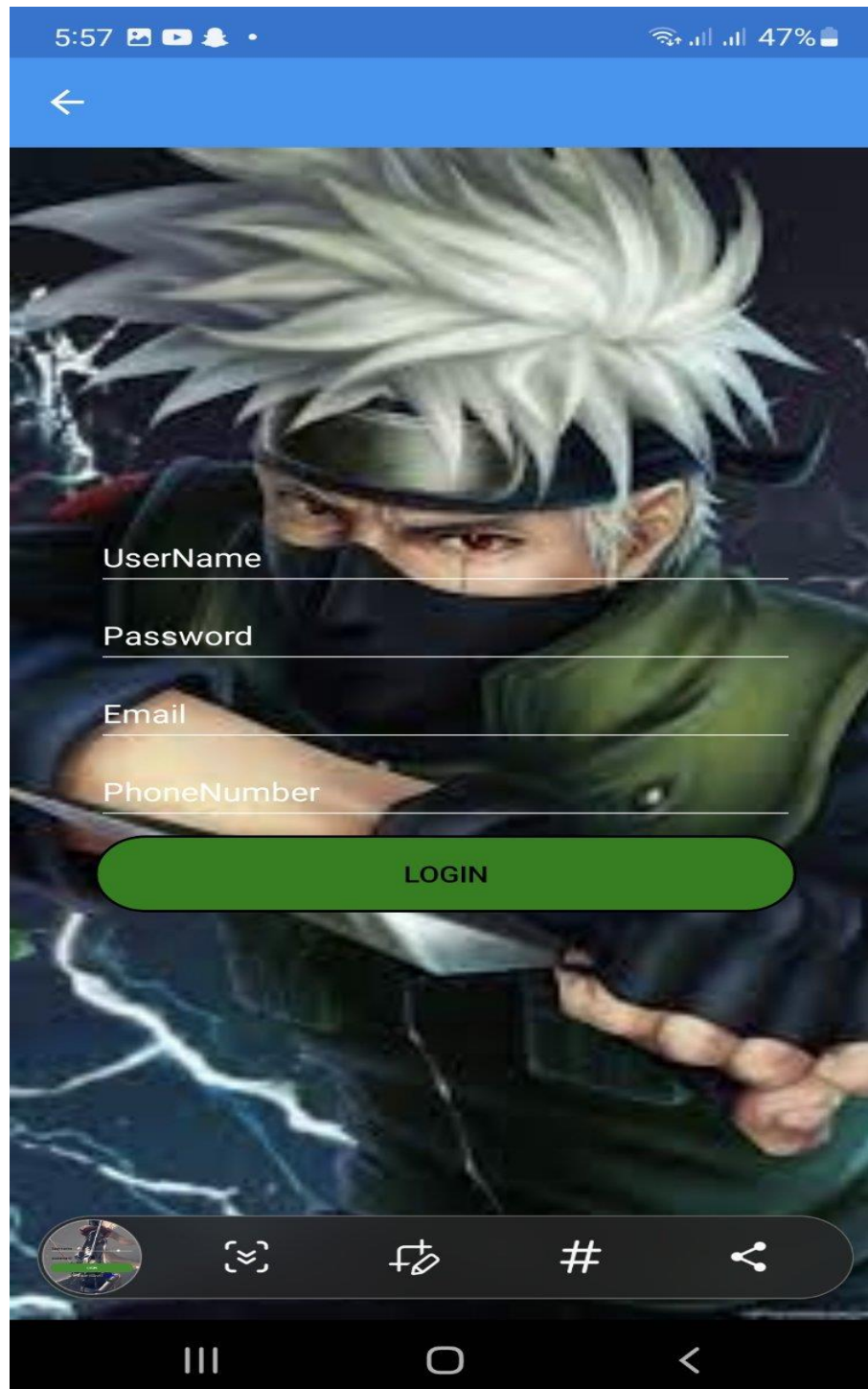
The main target of this project is the Tourism application for supporting tourists in a region. The application recommends the tourist attractions that are interested to him/her based on the tourist preferences and the current situation in the region. Attractions and their descriptions & images are extracted from accessible Internet sources. They are ranged by the special recommendation service of the application. Recommendations are based on ratings set by the tourists that use the application. The paper describes the service-based application architecture, ontology for intelligent mobile tourist guide services interaction, and evaluation.

2.3 Steps to implement the Project:

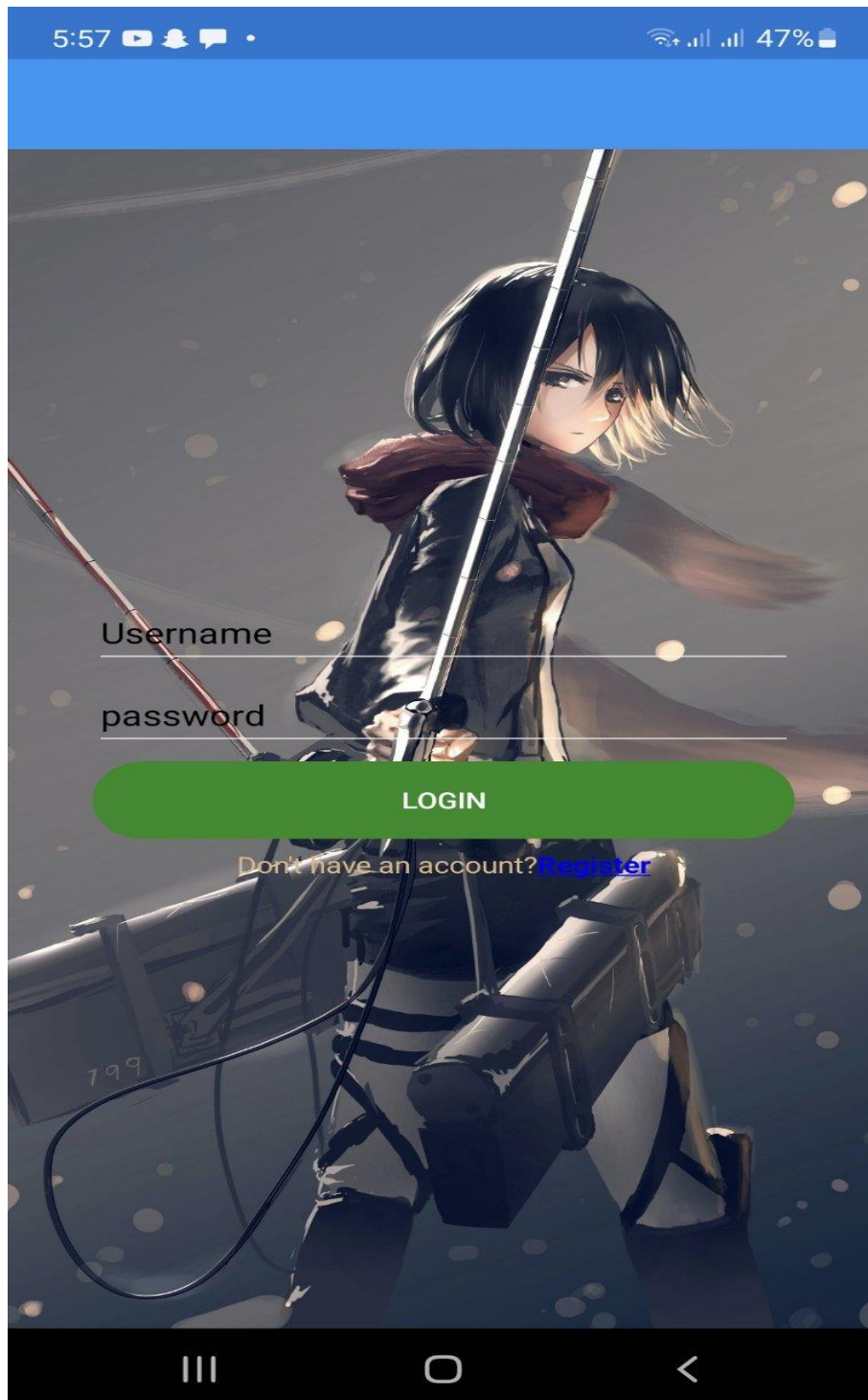
To implement this Tourist Guide App, at the first you must be create username, password and email to login the App. After you login this App you can select the location (Zakho, Duhok, Amedi, Erbil). Then you have a picture of the tourist areas, their name and a set of information.

2.4 Tourist Guide App Output

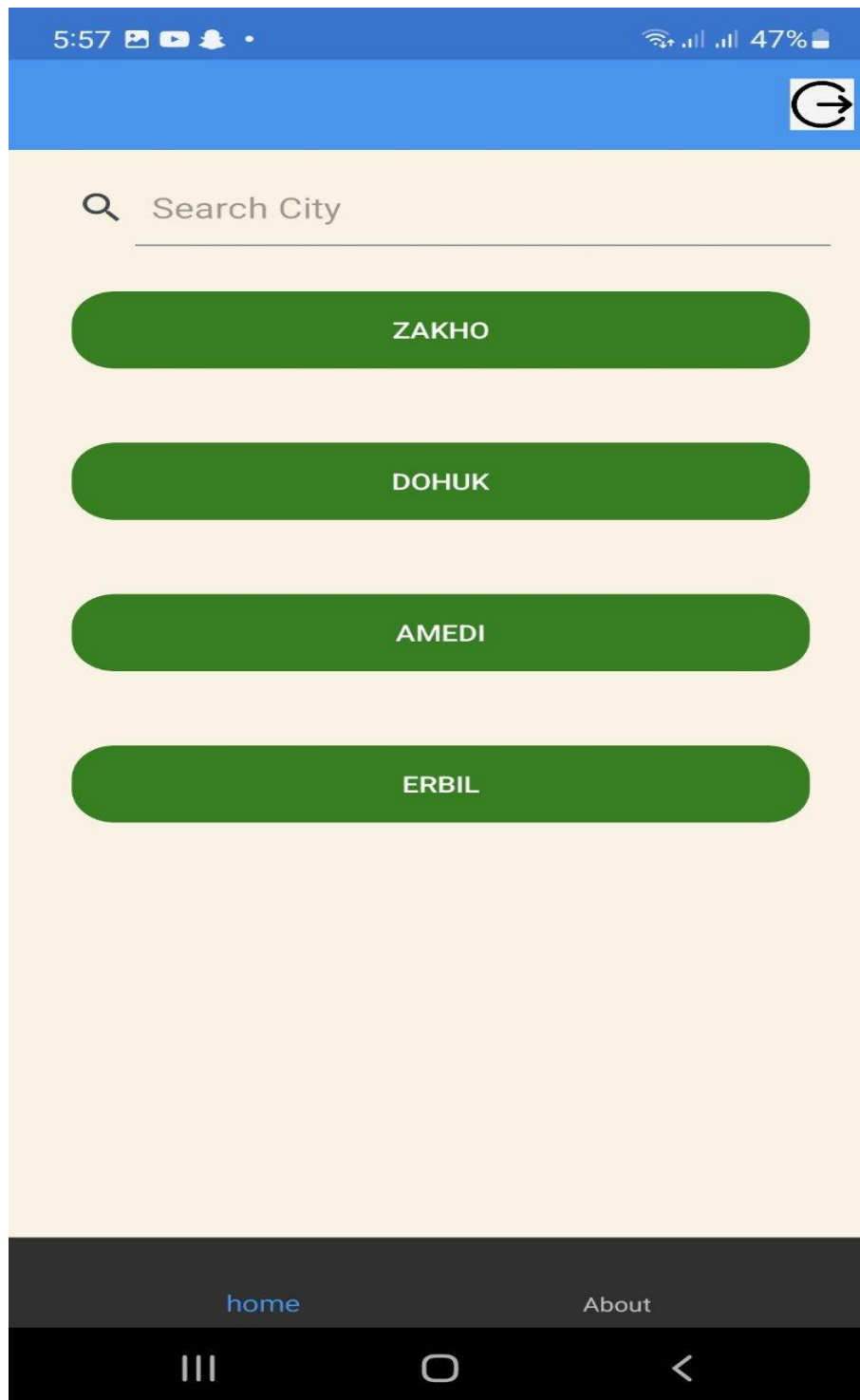
The application will look like this.



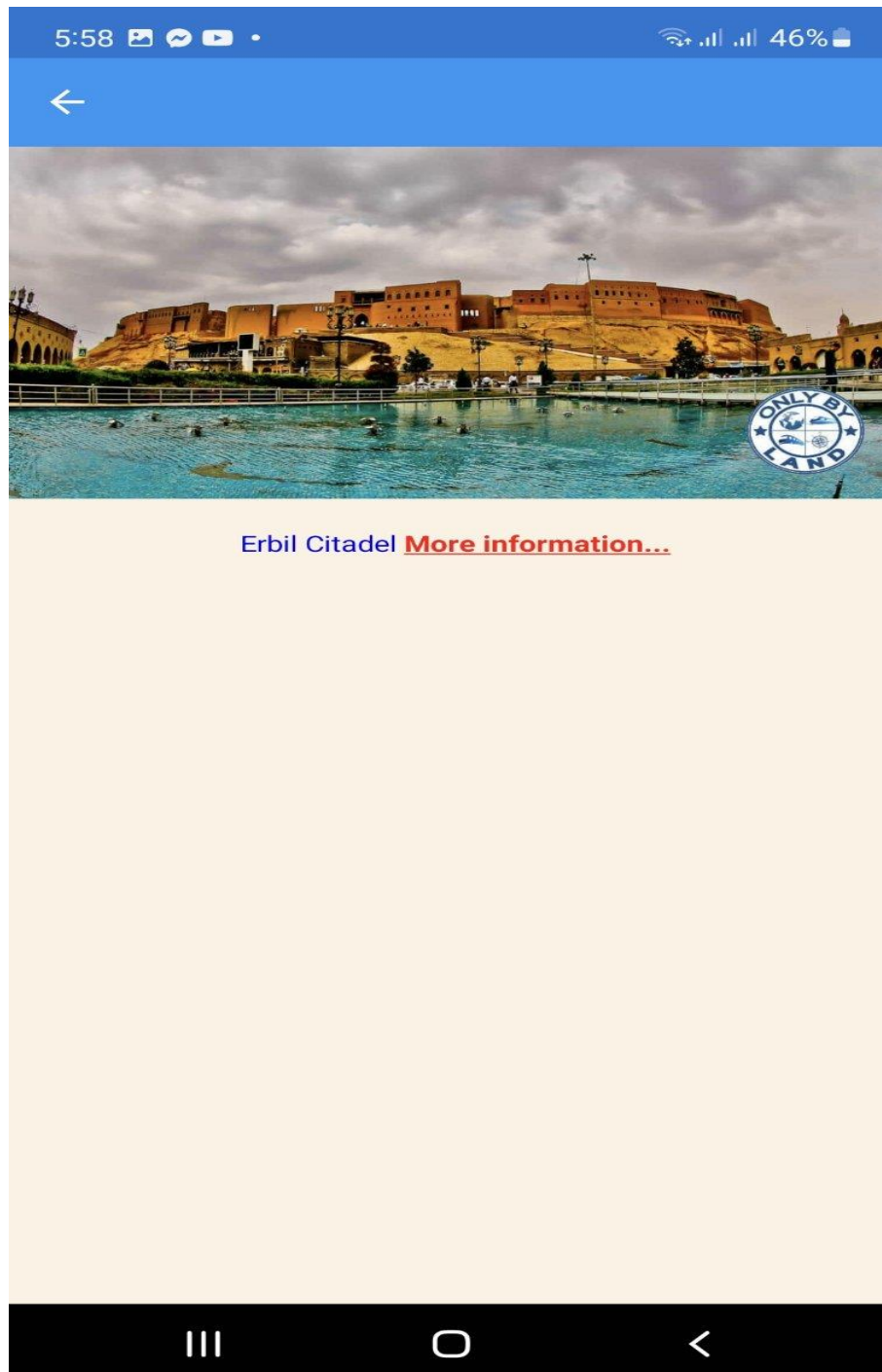
You must be create username and password to login this APP.



After you login you can see a home screen with a search bar and a name of location.



After then you need to search for your desired city and select it. After you click your desired city, then you will be taken to the available city menu activity.



Then after you select location you can see picture and more information about this location like that:



Settled more than 6,000 years ago, Erbil Citadel is thought to be one of the longest continuously inhabited sites in the world. The Citadel, located on an archaeological tell rising around 98 ft. (30 m) above the plain, is surrounded by a lower town that developed into the modern city of Erbil. It was an important center in the Neo-Assyrian period, especially under the reign of King Ashurbanipal (669–627 BCE). Alexander the Great defeated the Persian king Darius III on the plains surrounding Erbil in 331 BCE, in one of the most famous battles of antiquity. In the Medieval period, the city was home to important poets, historians, and scholars, and later served as a cultural and administrative center of the Ottoman Empire.

You can see all information about location that you selected.



Mazi [More information...](#)

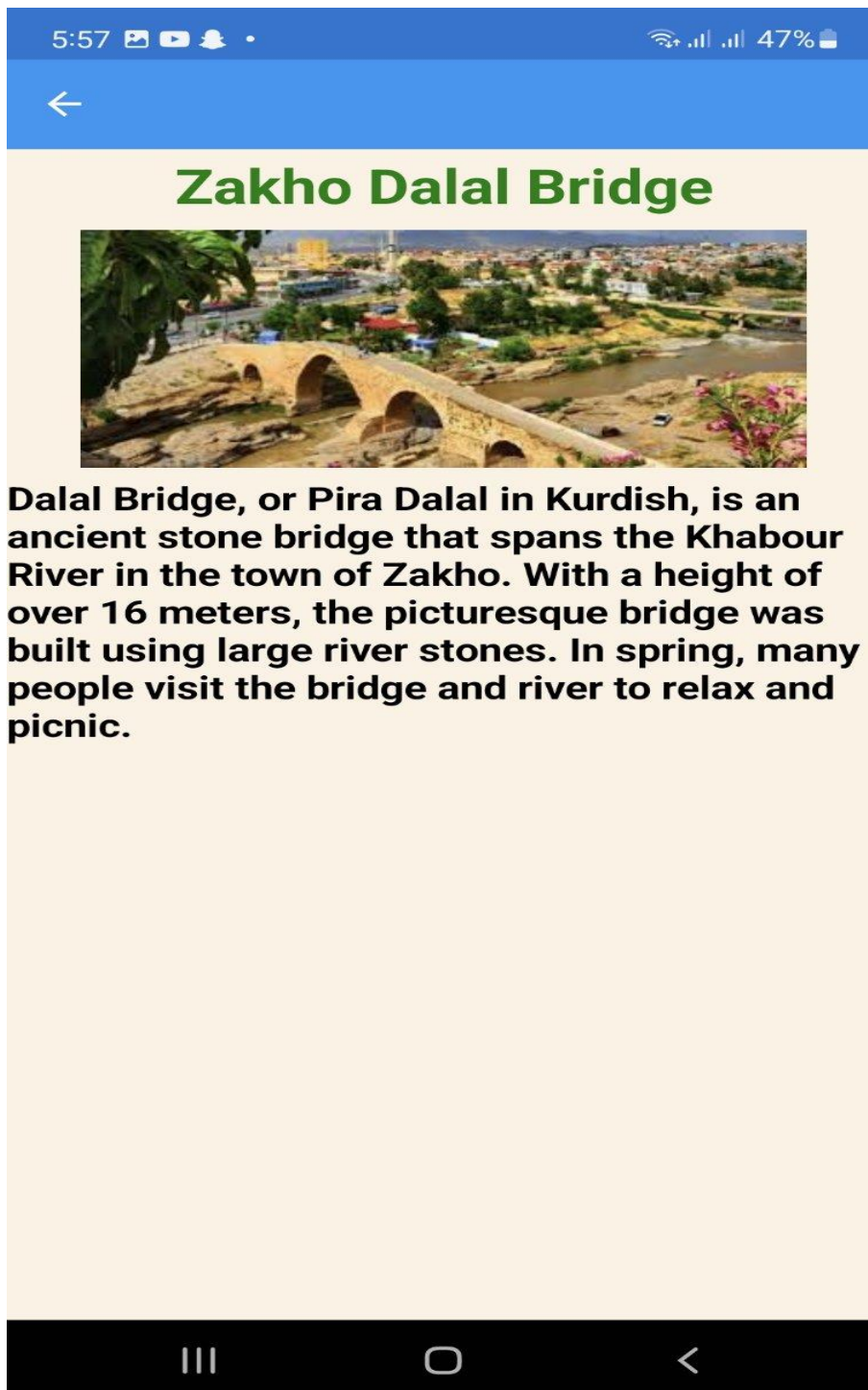


Amedi [More information...](#)



Moutin Zawa [More information...](#)





Dalal Bridge, or Pira Dalal in Kurdish, is an ancient stone bridge that spans the Khabour River in the town of Zakho. With a height of over 16 meters, the picturesque bridge was built using large river stones. In spring, many people visit the bridge and river to relax and picnic.

Summary

Through this report, you understood what a tourist guide application is. We discussed the application's flow and requirements and understood how to implement this on your mobile application. You can even add more features to the existing application, like multiple language support and integrate maps for better search. I hope you enjoyed and found this article insightful.

References

[untitled \(fruct.org\)](#)

[Create Tourist Guide Android Project - DataFlair \(data-flair.training\)](#)

[Application for e-Tourism: Intelligent Mobile Tourist Guide | IEEE Conference Publication | IEEE Xplore](#)