Kurdistan Region – Iraq

Ministry of Higher Education and Scientific Research

Lebanese French University

Department of Computer Engineering

Design and Implementation of Flutter Travel Mobile App

A Graduation Project Submitted to the Department of Computer science (CE) / Lebanese French University (LFU) as a Partial Fulfilment of the Requirement of the BSc Degree in IT

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Abstract

The application of travel mobile is one of the essential mobile applications to explore the requirements of travelers in the Kurdistan Region area.

The application is a flutter-based application which integrates different functionalities into a single app hence helping the tourists get important information and functionalities at the same place without the need to explore multiple applications when visiting Kurdistan region.

The application proposed and implemented using Flutter and developed to fill the gap of travelling information, including essential guidance for travelers, area information, distance and reference points.

Every year thousands of foreigners from diverse countries visiting Kurdistan region for different purposes. Most of them visiting natural tourist places, studying, or for the business purposes. Besides, tourists also visiting different places for natural beauty and are interested in knowing the country's history and culture. However, being foreigners, the travelers face different problems, including limited transportation information, problems in understanding the Kurdish language, Etc. It is a solution developed for an online mobile application based on travelers' necessities, which can solve their problems while visiting Kurdistan area.

The application will help travelers in finding a tour guide virtually and obtaining useful information from them directly. Thus, also creating main opportunities for many tour guides.