VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM 590014

Mobile Application Development Report on

"Travel Journaling Android App"

By

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Under the Guidance of

Selva Kumar S
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Mobile Application Development carried out at

Department of Computer Science and Engineering
BMS College of Engineering
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P.O. Box No.: 1908, Bull Temple Road, Bangalore-560 019
2018-2019

BMS COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Mobile Application Development titled "**Travel Journaling Android App**" has been carried out by Deepthi Bhat (1BM16CS003), Aishwarya N (1BM16CS010), Bhuvana LS (1BM16CS024) and Aditi Awasthi (1BM16CS008) during the academic year 2018-2019.

Signature of the guide
Selva Kumar S
Assistant Professor
Department of Computer Science and Engineering
BMS College of Engineering, Bangalore

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DECLARATION

We, Deepthi Bhat (1BM16CS003), Aishwarya N (1BM16CS010), Bhuvana LS (1BM16CS024) and Aditi Awasthi (1BM16CS008), students of 6th Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this mobile application development work entitled **"Travel Journaling Android App"** has been carried out by us under the guidance of Selva Kumar S, Assistant Professor, Department of CSE, BMS College of Engineering, Bangalore during the academic semester Jan-April 2019.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

Deepthi Bhat (1BM16CS003)

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1. Introduction

Travelogues are records of how a tourist feels about a place that he/she has visited. Though there is a great advancement in technology in the recent times, text-based travelogues are always precious. In our android application – "MEMORIES", a user can log in and pin the different places visited, add a personal description and details about them and associate photos from the gallery with each memory.

The user can capture all precious travel moments and adventures in this nifty travel journal app. Memories helps you store all important details of your travels in one place making it easier to revisit and relive those moments of your journey anytime, anywhere.

2. User-Interface screen shots and description

a) Welcome screen: It is a splash screen that utilizes a thread to display for a while. It shows the logo and the name of the application.

b) Sign up: User must create his/her account after installing the application. Employs firebase services.

c) Sign In: User signs in by entering email address and password which is authenticated through firebase services.

d) Menu for various activities: Create Memory, Revisit Memory, Explore Places and Edit Profile options are available which lead us to different activities.

e) Pin location: This displays a Google map and marks the current location using Google Maps API. There are "+" and "-" buttons to zoom in and zoom out. There is a current location pointer button to display the current location on the map. The save button pins the current location and saves it in the Firebase database.
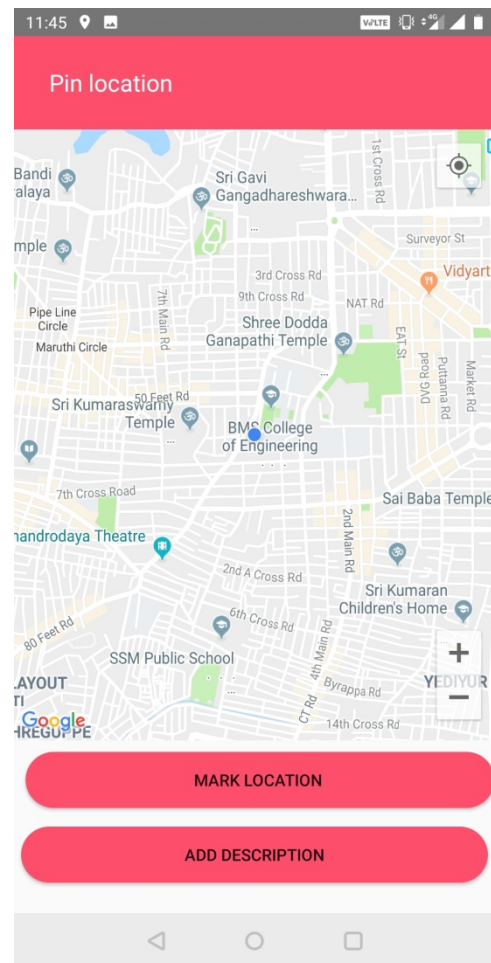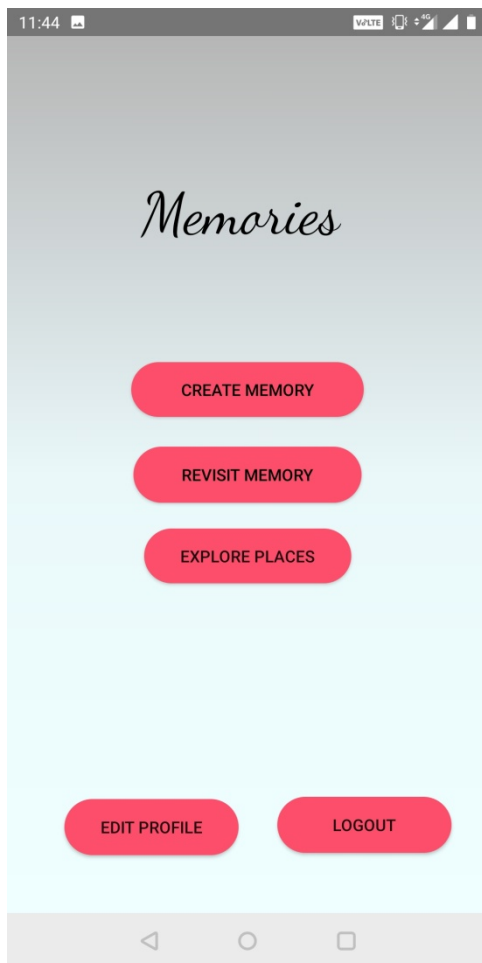
f) Description: Allows us to enter various details about that location like the name, date and time of visit and journal entry and these details are stored in Firebase database.

g) Attaching pictures: This allows the app to access the gallery and associate the photos taken at the location with the memory itself.
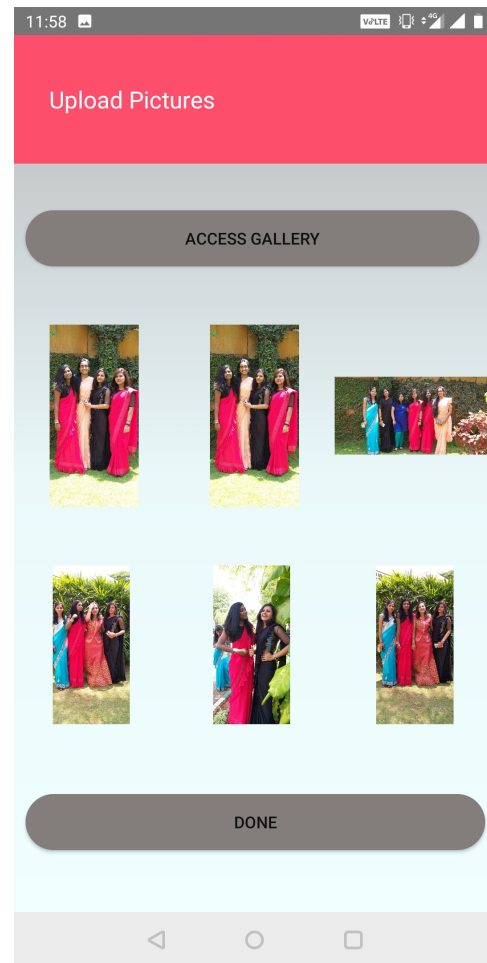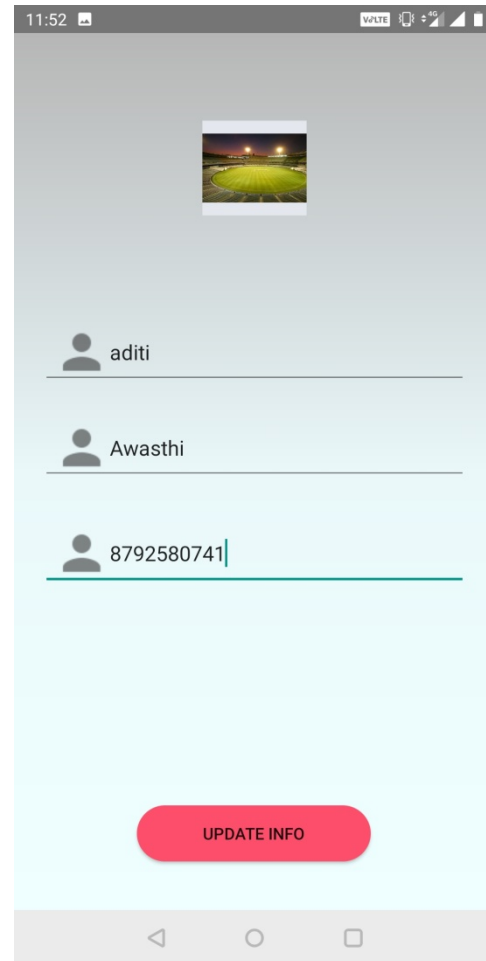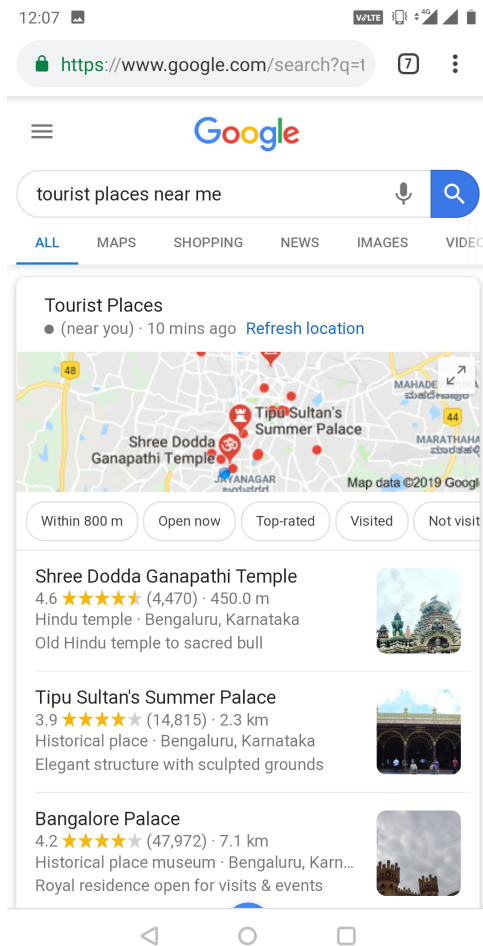
h) Revisit memory: Shows the list of memories belonging to the signed in user and allows the user to view details of each memory.
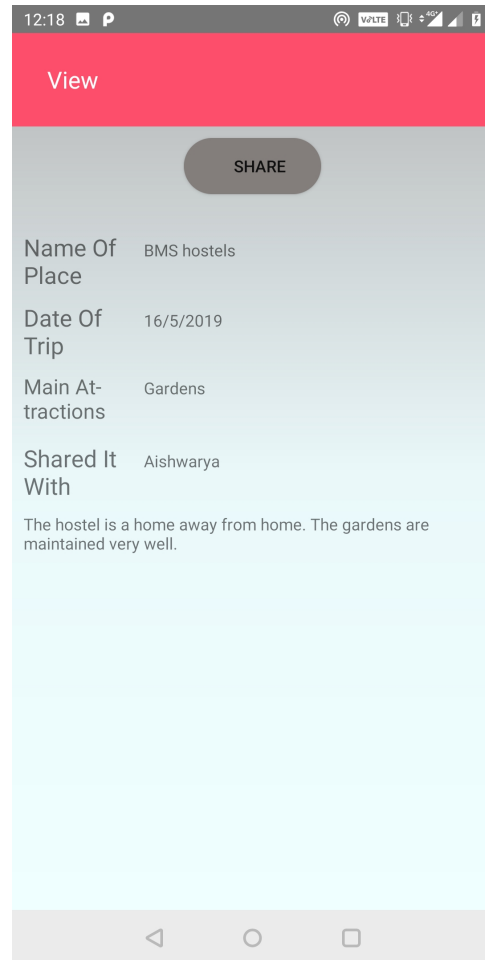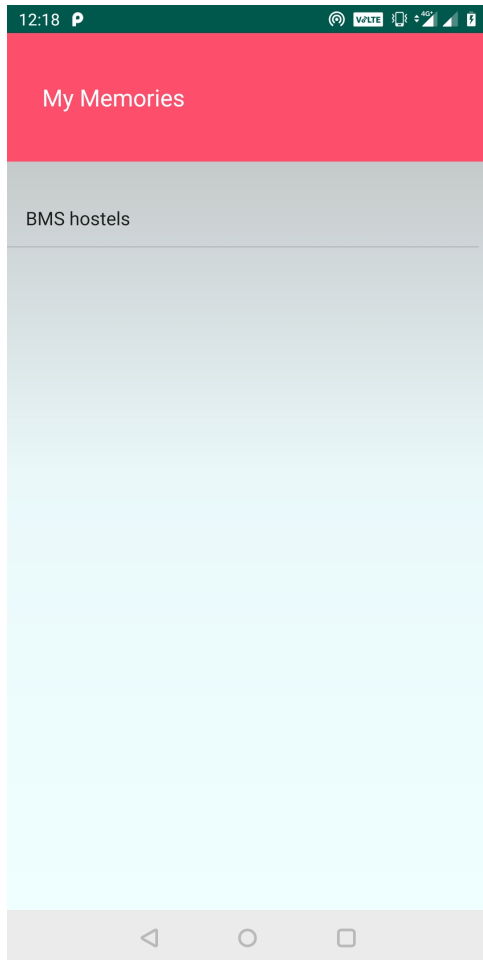
i) Explore Places: User can view nearby places of attraction by browsing the web using Google Chrome.

j) Edit Profile: Allows users to edit their name, profile picture and contact details.

k) About Us: Provides the list of developers involved in the project.