

## TOURIST GUIDE APPLICATION (CHAR DHAM YATRA & OTHER PLACES) IN UTTARAKHAND STATE

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### ABSTRACT

The modern world is enclosed with gigantic masses of digital visual information. To analyze and organize these devastating ocean of visual information, image analysis techniques are major requisite. In this Tourist Guide Project system, the map of the city is provided to the people in their phone which they get them via installing this application into their android phone. The map will help the travelers to find their desired location. The side bit also consist of the details other than location such as how will they reach their and how will.

This Tourist Guide Project applications is truly designed for the people who loves to travel and many a lot of times they are the alone one's who travel.

### I. INTRODUCTION

Uttarakhand, a state with natural beauty and many famous temples and holy places to visited by many Indian and foreigners. The purpose of tourist to visit Uttarakhand is CHAR DHAM YATRA. There are some other reasons to travel the state such as explore places, natural beauty, mountains and hill stations etc. The main idea behind the project is to develop an android application which will help tourists to find the better place at one instant. The long-time which Tourists waste on searching for the better places like hotels, museums, parks etc for their enjoyment in the new city (UTTARAKHAND) which is totally unknown to them will get reduced, if they use this application.

This project android tourist guide provides the tourist with city map depending on its current location entered by the android phone user. This information helps the tourists to find the desired locations to visit. Well, it consists of entire details of those locations or how to reach the location as well as other emergency amenities like hospitals, institutes, bus stops etc but it provides the basic information to decide the places to visit. This project is mainly beneficial for the tourist's having no idea about the places they want to visit.

The scope of our project is mainly for the travellers of Uttarakhand state. Moreover, the people of Uttarakhand state can also use this application for knowing the route and source to destination cost by different transportation medium.

And the objective of the project is to develop an android-based To determine whether or not the face detectors are effective, it is important to use specific metrics as a baseline for comparison. Among them are the following:

1. To provide best travelling service to customers and travelling agents
2. To provide a search platform where a tourist can find their tour places according to their choices.
3. To promote responsible and interesting tourism so that people can enjoy their holidays at their favourable places.
4. To develop tourism with different cultures so that they enrich the tourism experience and build pride.

### II. LITERATURE REVIEWS

This is a collection of related literature, systems, projects and studies that is closely related to the system entitled tour guide information system.

#### Mobile Tourist Guide – An Intelligent Wireless System to Improve Tourism, using Semantic Web

According to the Semantic Web the next generation web is the version of having background knowledge about the meaning of web sources stored in a machine process able and interpretable way. The area of tourism is highly dynamic area that currently already extensively uses the available Internet technologies. However, the shortcomings of the existing technology are that information finding and extraction as well as the interpretation of the information contained in the web sources is left to the human user. The management and interoperation of semantically diverse tourism information system are facilitated by Semantic Web Technology

that provides methods and standards, which allow accurate access to information as well as flexibility to comply with needs of tourism information system users and administrators. In this research project we introduce a new Semantic Web framework that can enable knowledge sharing and reuse. The Semantic Web uses agent technologies to formally model information represented in web resources. This makes it accessible to humans and computers working together, perhaps in conjunction with intelligent network services such as search agents. (Hasselt, Belgium 2010).

A literature review is considered the most appropriate and valid approach as it paves the way for researchers to structure a research field while forming the backbone of any piece of research being carried out (Chang and Katrichis, 2016; Easterby-Smith et al., 2012). The most significant advantage of literature reviews is that researchers can find a gap in the literature that needs to be filled (Kwok et al., 2017) through benefitting from extant studies that also offer directions for future research (Brouder, 2014). ....

The convener's facial expressions may influence the flow of speech and convey contextual information to the listener. Faces reveal deep emotions. This research provides a method to recognize the facial area with the most emotional information. This study detects a specific facial area instead than all facial elements. This face expression recognition method is quicker than others. For classification, a fusion technique using HOG and LBP features was employed.

Thus, in order to develop an integrated approach with the aim of conceptualizing tourist behaviour in times of crisis, the present study employs content analysis with relevant keyword indexes to classify the articles that are most frequently used by scholars. This is intended to solve a diverse range of problems among academic research (Chang and Katrichis, 2016) that fits best with the general characteristics of qualitative research (Seuring, Müller, Westhouse and Morana, 2005)..

However, an excellent tourism performance should not be merely attributed to the non-monetary benefits (e.g., visitors' repurchase behavior /intention) or the momentary benefits (e.g., profitability/return of investment) without concerning with environmental/socio-cultural impacts surrounding (e.g., Neto, 2003; Stange et al., 2011). Therefore, the term "sustainable tourism" seems better viewed as a universal value rather than a research interest as it could be applied to any other tourism research interests (Chang & Katrichis, 2016).

### **III. SCOPE/ OBJECTIVES**

The scope of our project is mainly for the travellers of Uttarakhand state. Moreover, the people of Uttarakhand state can also use this application for knowing the route and source to destination cost by different transportation medium.

And the objective of the project is to develop an android-based application which includes:

1. To provide best travelling service to customers and travelling agents
2. To provide a search platform where a tourist can find their tour places according to their choices.
3. To promote responsible and interesting tourism so that people can enjoy their holidays at their favourable places.
4. To develop tourism with different cultures so that they enrich the tourism experience and build pride.
5. To provide a better way to connect with various event.
6. To help the tourist in finding best place to visit.
7. To provide the professional service to visitors.

### **IV. PROJECT DESCRIPTION**

When you download and see the Android Tourist Guide App project, then you will see many files and folders. Below is a description of some of them, which you should know before you proceed:

1. **Manifest File:** This file holds all the permissions and declarations of activities, services, and receivers.
2. **Main Activity:** This is the screen that is visible at first when the user starts the application.
3. **Gradle File:** You can notice two types of Gradle files: the project level and app level. This Gradle file contains the dependencies of the libraries you may use in your project.
4. **Resources:** There are several resource files involved in the project:
  - Layouts: This contains several designs of the activities. The design is based on XML.

- Drawable: This contains all the graphical stuff like images and vector assets.
- Strings: This file contains the static string texts which are used in the project.
- Colours: In this file, you can find the declaration of several colours.

In our system basically we have three modules:

1. One for the query answering system.
2. Second for recommendation to the user.
3. Third for the notification to the user using Google map.

## V. MODELING AND ANALYSIS

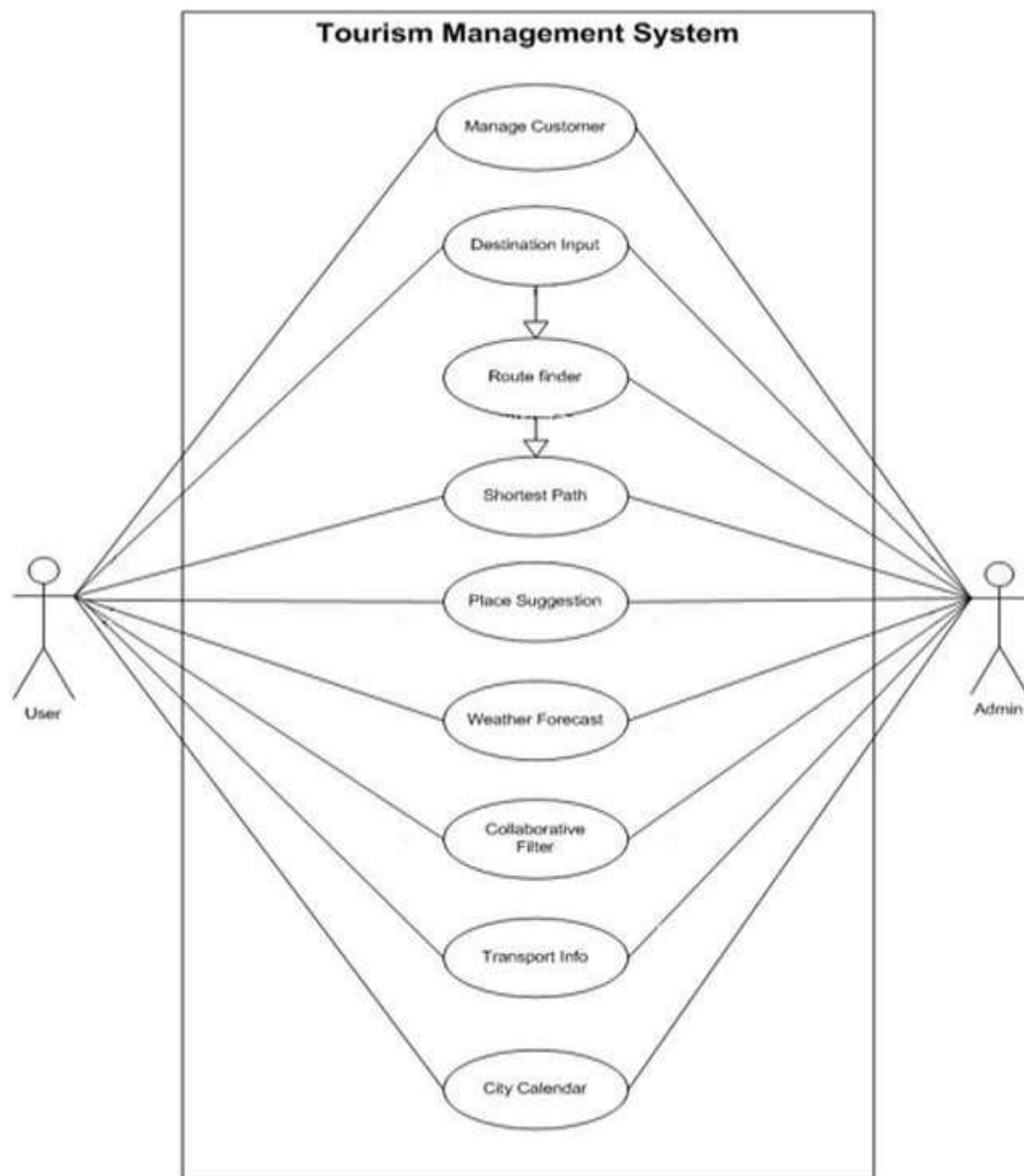


Figure 1: Flow Chart

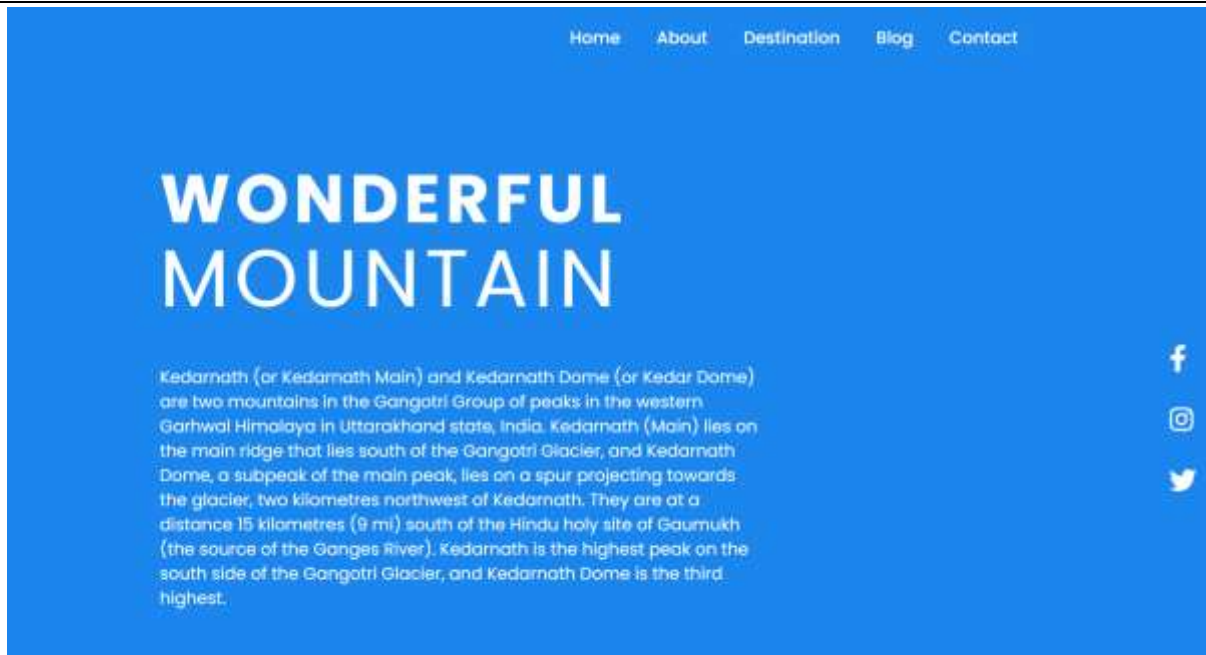


Figure 2: Landing page

## VI. IMPLEMENTATION

According to the actual situation of tourism resources, the use of software engineering principles, the paper on the development of the whole process of tourism management of distributed information systems research. To proceed, in terms of system functionality, database structure, input and output interfaces, system and user interaction methods were designed, proposed framework for tourists tourism management information system, functions and solutions with ASP programming from needs analysis language developed software.

## VII. RESULTS AND DISCUSSION

We present the design of android-based tourist guide system. The system is based on three-layer architecture. The system provides the information query of tourist places, Hotels, Restaurants, Museums, Live shows and so on. The system is a combination of Smart-phone and Internet to facilitate the tour of user. Among the many existing management models, perhaps the results based management system is one of the most demanding collaborations, requiring constant commitment and a sense of teamwork from the employees of a company.

There is a double demand that, in the face of an increasingly competitive market, each day's performance must exceed the previous days. On one side are consumers looking for the best products and services for more attractive prices, and the other are the executives and shareholders of companies, which always require more satisfactory results.

In this context, managers need to make important decisions, like defining and prioritizing the most important actions of a company, directing the main financial and human resource investments in such a way to reap the best results. See an example of decision support technology.

Result	No of slide
website	
<p style="text-align: center;"><b>DEVOTIONAL</b></p>	1
<p style="text-align: center;"><b>HILLS/MOUNTAINS</b></p>	1
	1
	1
<b>Accuracy</b>	<b>100%</b>

**7.1 PERFORMANCE EVALUATION**

In most, if not all, organizations, performance evaluations are not something that employees look forward to. According to research, both employees and managers perceive the process of performance reviews to be intimidating. Despite their unpopularity, performance evaluations have been found to deliver useful information. According to a Columbia Business School study, employees' productivity and morale are boosted

when they are evaluated based on their previous performance. successful businesses attempt to assess and guide their employees toward continuous improvement.

### VIII. CONCLUSION

We present the design of android-based tourist guide system. The system is based on three-layer architecture. The system provides the information query of tourist places, Hotels, Restaurants, Museums, Live shows and so on. The system is a combination of Smart-phone and Internet to facilitate the tour of user.

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