DAYANANDA SAGAR UNIVERSITY

School of Engineering

Department of Computer Science& Engineering

Kudlu Gate, Bangalore –560068
Karnataka, India

CERTIFICATE

This is to certify that the Special Topic 2 titled **"TOURIST GUIDE"** is carried out by

Akhil Reddy V(ENG20DS0006), Dinesh M(ENG21AM3006),G V Prathap Reddy (ENG21AM3043),

Ikshwak Varma(ENG20CS0415), bonafide students of Bachelor of Technology in Computer Science and Engineering at the School of Engineering, Dayananda Sagar University, Bangalore in partial fulfillment for the award of degree in Bachelor of Technology in Computer Science and Engineering, during the year **2022-2023**.

Prof. Savita Vijay

 Asst.Professor
Dept. of CS&E,
School of Engineering
Dayananda Sagar University

Date:

Dr. Girisha G S

Chairman, CSE
School of Engineering
Dayananda Sagar University

Date:

Dr. Dr. Uday Kumar Reddy

Dean
School of Engineering
Dayananda Sagar University

Date:

Name of the Examiner

Signature of Examiner

1.
2.

DECLARATION

We, **Akhil Reddy V(ENG20DS0006), G V Prathap Reddy(ENG21AM3043), Dinesh M(ENG21AM3006), Ikshwak Varma(ENG20CS0415)** are students of the fifth semesterB.Tech in **Computer Science and Engineering**, at School of Engineering, **Dayananda Sagar University**, hereby declare that the Special Topic 2 titled **"TOURIST GUIDE"** has been carried out by us and submitted in partial fulfillment for the award of degree in **Bachelor of Technology in Computer Science and Engineering** during the academic year **2022-2023**.

Student   **Signature**

Name1: AKHIL REDDY V

USN: ENG20DS0006

Name2: Dinesh M

USN: ENG21AM3006

Name3: G V PRATHAP REDDY

USN: ENG21AM3043

Name4: Ikshwak Varma

USN: ENG20CS0415

Place: Bangalore

Date:

ACKNOWLEDGEMENT

It is a great pleasure for us to acknowledge the assistance and support of many individuals who have been responsible for the successful completion of this Special Topic 2.

First, we take this opportunity to express our sincere gratitude to School of Engineering & Technology, Dayananda Sagar University for providing us with a great opportunity to pursue our Bachelor's degree in this institution.

We would like to thank **Dr. Uday Kumar Reddy Dean**, **School of Engineering & Technology**, **Dayananda Sagar University** for his constant encouragement and expert advice. It is a matter of immense pleasure to express our sincere thanks to **Dr. Girisha B S, Chairman**, **Department of Computer Science, and Engineering**, **Dayananda Sagar University,** for providing the right academic guidance that made our task possible.

We would like to thank our guide **Savita Vijay**, **Assistant Professor**, **Dept. of Computer Science and Engineering**, **Dayananda Sagar University**, for sparing her valuable time to extend help in every step of our Special Topic 2, which paved the way for smooth progress and the fruitful culmination of the project.

We would like to thank our Special Topic 2 Coordinators, Dr. Savitha Hiremath, Dr. Bondu Venkateshwarlu and all the staff members of Computer Science and Engineering for their support.

We are also grateful to our family and friends who provided us with every requirement throughout the course. We would like to thank one and all who directly or indirectly helped us in the Special Topic 2.

TABLE OF CONTENTS

Page

ABSTRACT

TOURIST GUIDE list concerns all activities with regard to producing a schedule that must be subjective to different constraints. TOURIST GUIDE list can be defined as the optimization of given activities, actions or events to a set of objects in space-time matrix to satisfy a set of desirable constraints.

Between the internet, cell phones, and all sorts of other technology, business today is entirely different than it has been. Projects are bigger, results are faster and the corresponding workload associated with a successful company is larger than ever. To be sure, even relatively simple tasks require ample attentiveness and multi-faceted plans to complete.

That's where tourist guide lists, as well as the general idea of breaking tasks down into smaller and easier- to-handle chunks, come into perspective.

Punctuality is very important for every person in personal life as well as in academic life.

TOURIST GUIDE list informs the person like at what time what things to be done.

So we have developed practical approach for building a TOURIST GUIDE list, which can be customized to fit to any problem. So that every person can view their schedule once they are finalized for a given periodof time.

LIST OF FIGURES

LIST OF TABLES

CHAPTER 1: INTRODUCTION

This project aims to an application as a guide for tourists to visit the tourist sites that do not required a special visit to any financial fee, which enables the tourist to obtain important information about the places he wants to visit easily. The user can also find the archeological sites, the important monuments near by, and other information. It allows the user to develop a complete plan for the tourist sites at he wishes to visit and write impressions about them by describing the most important things that are characterized by the presentation of images expressed on the site and this is to serve the tourist only, but anyone who wants to know tourist and archaeological area , whether inside outside, it will be available to anyone who wants to know it.

1.1. Aim:

You may find it easier to find several list of places. Try different approaches and use the best for your own situation.

This can be implemented using various technologies such as HTML5, JavaScript, CSS3.

1.2 Scope of Project

To provide information about the tourist and archaeological area of the republic, where the tourist to get important information about places he wants to visit easily, even in the absence of any person guide. It also guides him to the best places that will enjoy the moments. The user can give the feedback of the places he visited and that will be helpful for the other tourists to know about the places more knowledgeable.

CHAPTER 2: PROBLEM DEFINITION

A clear lack of exploitation of the potential and advantages of the internet in promoting the various tourist attractions enjoyed by a large scale. The weakness of the sites of the tourism organizations on the Internet, whether in terms of design or content of these sites of tourist information in addition to the weakness of the spread of these sites and their presence within the global tourist guides and search engines on the internet.

Weak internet with customers in many tourist sites on the internet in addition to the weakness of attention to the attractive of the offer and the interconnection between the parts and contents of most tourist sites on the network, which leads to difficulty of access to the information contained in these sited and makes browsing these sites are a difficult and time consuming process.

The lack of official interest in official tourist portal on the internet, which provides sufficient information in various international languages about the famous tourist attractions, supported by pictures as is the case in many Arab and international tourist portals on the internet.

The absence of electronic applications that contributes to the promotion of tourism to the historical monuments and natural components and provide tourist information and services to tourists in a flexible and easy to lead to their reluctance to visit the country.

Lack of knowledge of the foreigners of the historical landmarks of the country because of the weakness of tourism promotion and reliance on traditional methods of tourism promotion, which causes the weakness of the tourism sector and effects it negatively and significantly on the national income of the country.

CHAPTER 3: LITERATURE REVIEW

Author's Name/ Paper Title	Conference/Journal Name and year	Results shared by author	What you infer
Antariksha Bhaduri	TOURIST GIUDE listing (2019)	personal tour schedule making.	We took the topic tour guide from the book as reference
Gulsun ozbek	A day in a holiday(2019)	Plan a tourist place to travel in a less time and money space	We have analyse the dynamic way to design the tour guide web page
Anisha Jain	A good world tour(2016)	The book describes a easy way to chose the plans for a trip	We implemented easy ways for the user to meet the places In the location chosen by the tourist
Dipesh mital	Cases on tour guide practices for alternative tourism(2020)	This book is ideally designed for tour guides,travel ,agencies,tour managers,tour developers,heriteges sites	We infer dynamic way to choose places

Table 3.1 Literature review

CHAPTER 4: PROJECT DESCRIPTION

Where the tourist can see the various types of tourist attractions and view the details of these landmarks from the pictures of the landmarks in addition to the area where there is a tourist teacher and other entities such as the type of tourist guide in addition to a precise description of it.

This function enables the visitor to obtain the data of the tour guides. In case the visitor wants a tour guide to be their tour guide, the full details of the tour guides are provided by name, place of residence, language spoken, telephone number and mail to communicate with.

The tourist can see the photos and names of the places. By clicking on the pictures we can see the details clearly.

In the event that the visitor wants to know his current location to visit the areas close to his position through this function, the visitor can identify his current location using the GPS technology and the map of the application or using the application browser.

By using the map the tourist can locate or detect his location.

Tourist features may need to be modified in their data in case they are developed or even add new features through this function the system administrator can add, modify or even delete tourist features.

The visitor can write or edit the feedback off the places available in the website.

The tourist fills in the information and submit the form which helps the manager to add near places and update.
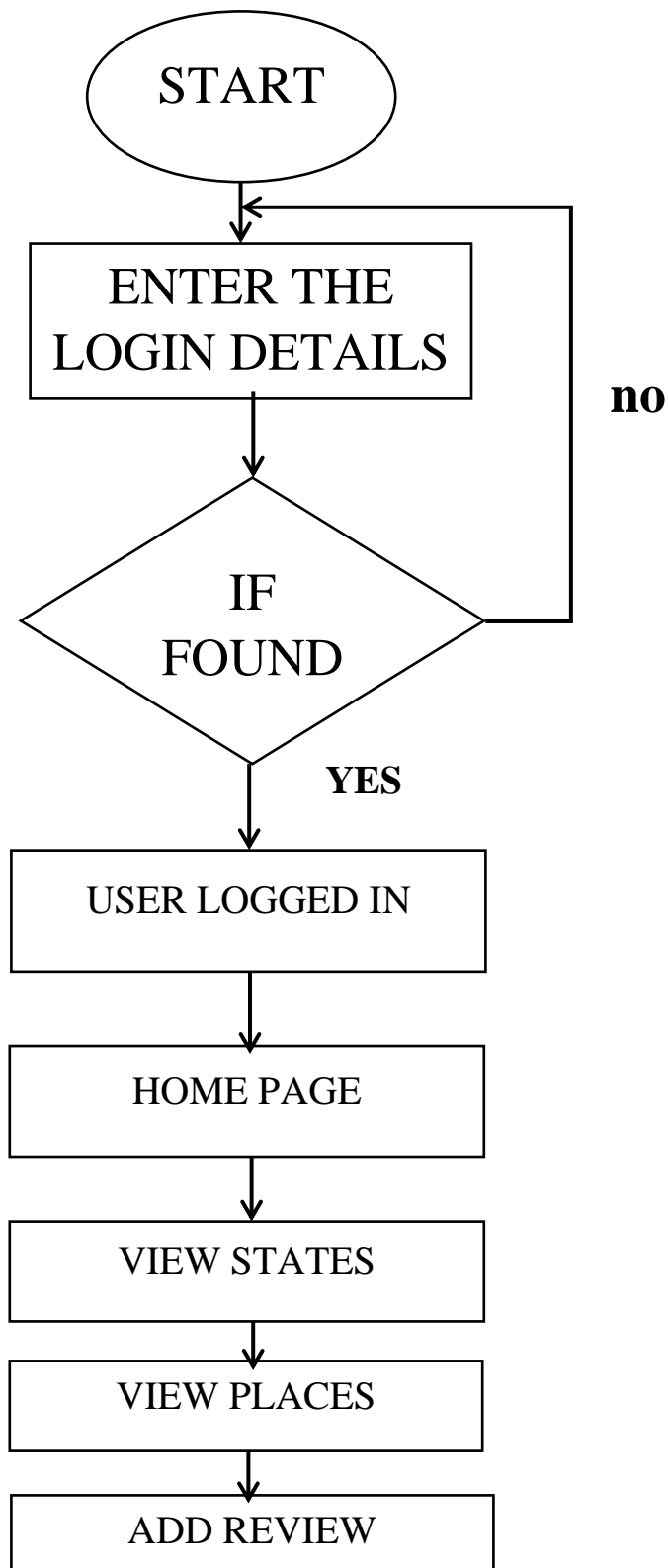
4.1. FLOW CHAT

Figure 4.1 Flow Chat

CHAPTER 5: REQUIREMENTS

5.1 Software Requirements:
- Windows 7
- Visual studio 2010

5.2 Hardware Components:

- Processor – Dual Core
- Hard Disk – 50 GB
- Memory – 1GB RAM

CHAPTER 6: METHODOLOGY

- First you will be encounter with a login page.

- If you had an account you can login or else you can register.

- Once you are logged in you will get an option to chose the state to which you are planning to go.

- Once you have chosen the sate you can see all the tourist places available in the state.

- You can check the reviews of the places you want to go you can give the feedback to the places you have visited which will be helpful for other people who are planning to visit that places.

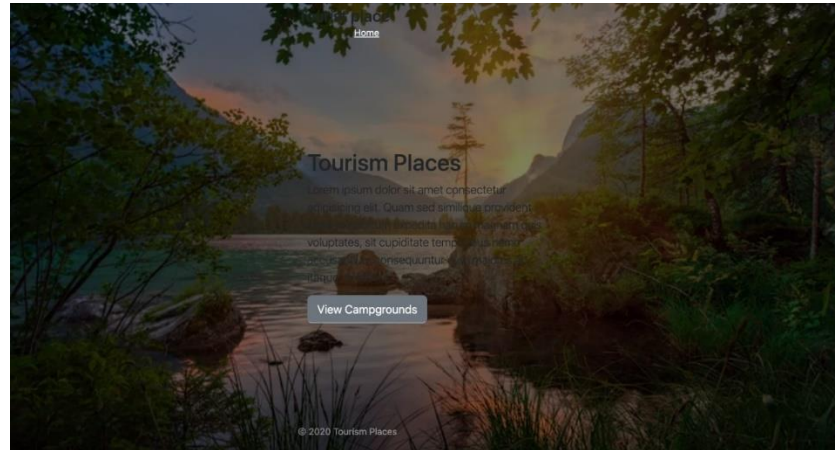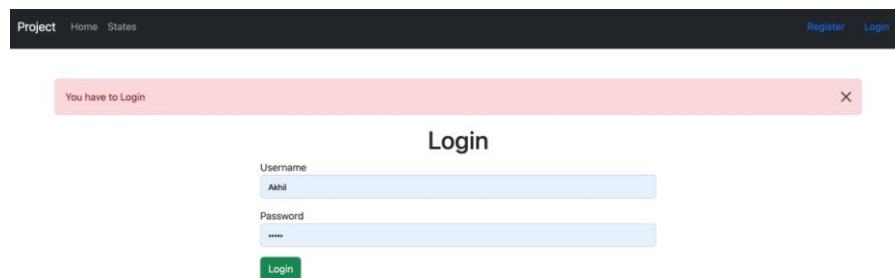# CHAPTER 7: TESTING AND RESULTS

FIGURE 1

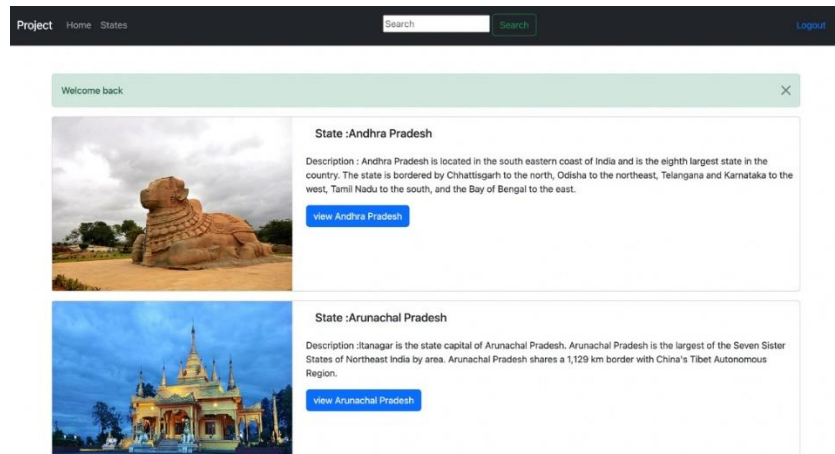

FIGURE 2

FIGURE 3

REFERENCES

[1] An Efficient Algorithm for Recommending Personalized Mobile Tourist Routes DamianosGavalas1, Michael Kenteris1, Charalampos Konstantopoulos2 and Grammatik Pantziou3 1Department of Cultural Technology and Communication University of the Aegean Mytilene, Greece**.**

[2] Smart Travel Guide: Application for Android Mobile Dad ape Jitendra Jadhav BhagyashriR Gaidhani Pranav Y Vyavahare Seema U. Achaliya

[3] ARTICLE: Using and Determining Location in a Context-Sensitive Tour Guide. In a studythat provided unique insights into the challenge associated with developing location-basedapplications, the Lancaster Guide project used members of the general public to test a network-centric electronic tourist guide

[4] J. Honkola, H. Laine, R. Brown and O. Tyrkko, "Smart-M3 Information SharPlatform*",* proc. IEEE Symp. Computers and Communications IEEE Comp. Soc*,* pp. 1041-1046, 2010.

[5] A. Smirnov, A. Kashevnik, N. Shilov, N. Teslya and A. Shabaev, "Mobile Application for Guiding Tourist Activities: Tourist Assistant - TAIS*",* proc. of the 16th Conference of Open Innovations Association FRUCT Oulu Finland IEEE, pp. 94-100, 2014.

[6] R. Anacleto, L. Figueiredo, F. Almeida and P. Novais, " Mobile application to provide personalized sightseeing tours ", Network and Computer Applications*,* vol. 41, pp. 56-64, 2014.

[7]D. Gavalas, C. Konstantopoulos, K. Mastakas and G. Pantziou, "Mobile Recommender Systems in Tourism", Network and Computer Applications*,* vol. 39, no. 2014, pp. 319-333.