A Mini Project Synopsis on

Travel & Tourism Management System

S.E. - I.T Engineering

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CERTIFICATE

This to certify that the Mini Project report on **Travel & Tourism Management System** has been submitted by Jateen Tirlotkar (20104091), Devesh Zope (20104086), Sahil Vishwakarma (20104089) and Siddhesh Sawant (20104044) who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfilment of the requirement for the degree in **Information Technology**, during the academic year **2020-2021** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

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Chapter 1

Introduction

Nearly everyone goes on a vacation and a Tourism management system would play a vital role in planning the perfect trip. Travel and tourism management system is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The user can see the confirmation in my booking page. It is a easiest platform for all travellers which can be easily booked and know all details. Tour Management system is a dynamic website for tourism business. It is dynamic and responsive web design. The main purpose is to help tourism companies to manage customer and hotels etc.

1.1 Purpose

The purpose of Travel and Tourism System is to help tourism companies to manage customer and hotels etc. The tourism management system allows the user of the system access all the details such as weather, location, events, etc. It is ease to the users which don't have any idea about the hotel prices and can check and compare the prices of various hotels under one website. The system can also be used for both professional and business trips. The proposed system maintains centralized repository to make necessary travel arrangements and to retrieve information easily. The purpose is to design a system using which one can perform all operations related to traveling and sight-seeing.

1.2 Objectives

- To manage all the travel requirements of the companies while providing ease and sort of convenience to the customers

- To provide advice on which destinations, attractions, accommodations, and so on, are worth a visit and providing information on how to access them.

- To develop a system that automates the processes and activities of a travel and tourism agency.

1.3 Scope

Tourism management system is an integrated software developed for tour operating companies. The main aim of this project is to help the tourism companies to manage their customers, vehicles and agents. It makes all operations of the tour company easy and accurate. The standalone platform makes tourism management easy by handling agencies requests and providing services for the customers located at different parts of the various cities. Different modules have been incorporated in this project to handle different parts and sectors of the tour management field. The Travel & Tourism management system is developed to replace currently existing system, which will help in keeping records of customer details of destination as well as payment received. The proposed project on Tourism management system tries to bridge the gap by noting what a tourist perceives as relevant. Hence, the aim of project entails the design and implementation of a platform that will assist tourist in gaining access to travel various tourist location

Chapter 2

Problem Definition:

The purpose of the website is to establish fact that Internet users are increasing today. One of the main purposes of the website is to facilitate the offline customer online because customers cannot spend their precious time in markets trying to find out the best deal.

India is a country where in a few days' holidays, you can enjoy a lot. The problem is that we although having many websites but they offer different kind of services. The costumers are Enjoying a lot but there is a lack of relationship between travel agency and the customers and hence we are establishing that relationship by caring and serving all customers in the same manner that we wish to be served.
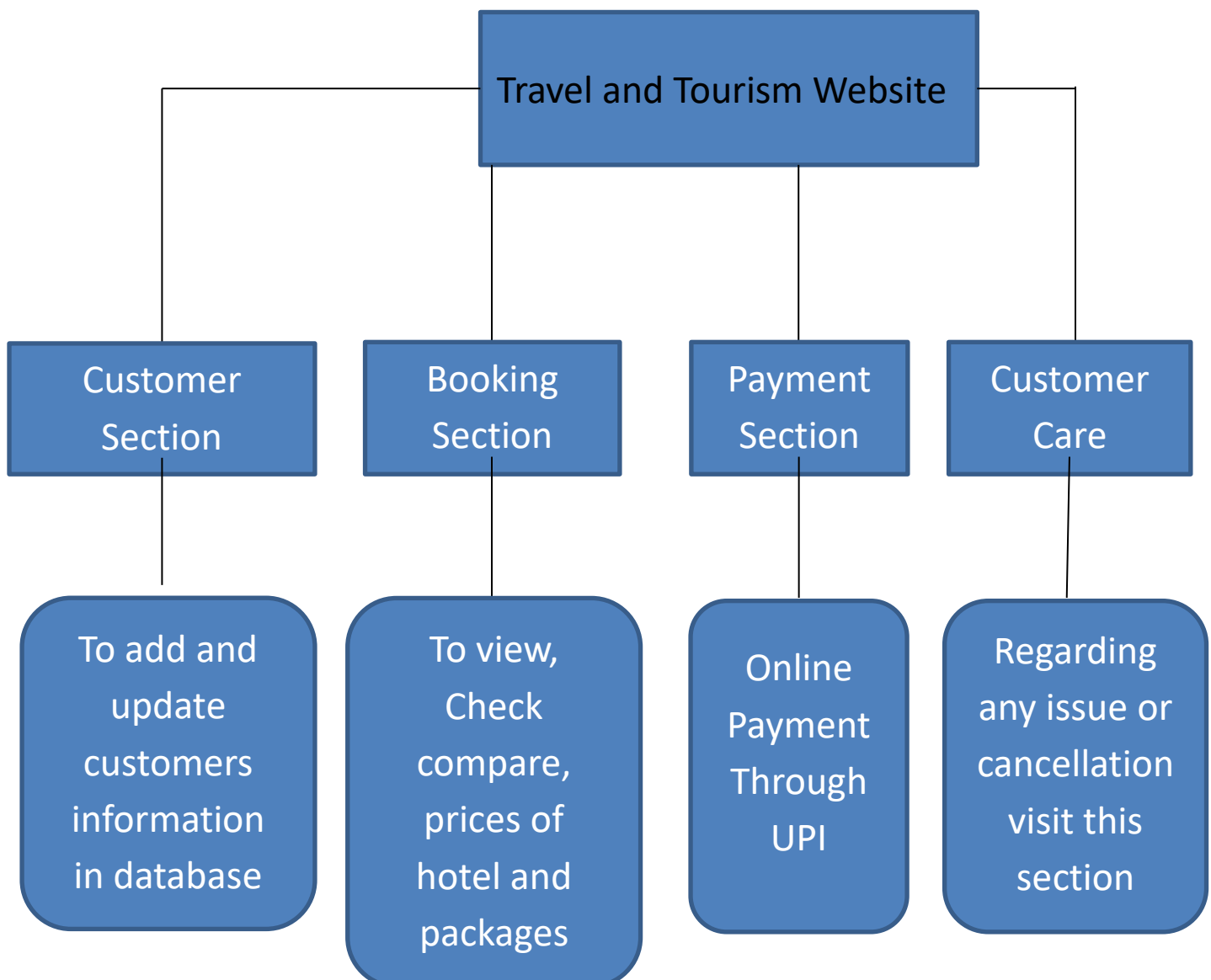
Chapter 3

Proposed System:

- The proposed system is a web-based application and maintains a centralized repository of all related information.
- The system allows one to easily access the relevant information and make necessary travel arrangements.
- Users can decide about places they want to visit and make bookings online for travel and accommodation.
- ➢ Advantages of the Proposed System:
- Gives accurate information
- Simplifies the manual work
- It minimizes the documentation related work
- Travellers' details can be provided
- Booking confirmation notification

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                    ┌─────────────────────────────┐
                    │  Travel and Tourism Website │
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Customer Section	Booking Section	Payment Section	Customer Care
To add and update customers information in database	To view, Check compare, prices of hotel and packages	Online Payment Through UPI	Regarding any issue or cancellation visit this section

3.1 Features and Functionality:

1. <u>User-friendly interface:</u>

- Interface is bound to simple and very friendly as per the user is concerned. That is, we can say that the project is user friendly which is one of the primary concerns of any good project

2. <u>Easy Booking System:</u>

- The user can easily book a package or a hotel by selecting on the package user needs and can also check the details of the package.

3. <u>Simple Refund Policy:</u>

- If there is some issues or user cancel the booking then it can be easily refunded to the user account

4. <u>Strong Customer Care Support</u>:
- If a customer has any issues related to any bookings or reservations or during travel or after travel, customer care support comes in the picture here. The travel companies or agencies should provide strong, polite, and supportive services to their customers so that the customers are satisfied with the services provided and the company is happy with the customers' feedback in order to grow their business.

5. <u>Store user profile's data</u>:
- To avoid repetitive approaches to fill forms or user information, it is important to have a feature of auto-saving user's data such as personal information, PNR details, travel history, etc.

Chapter 4

Project Outcomes:

"Travel And Tourism Management" simplifies the management process in travelling.

Users can decide about places they want to visit and make bookings online for travel and accommodation.

Any tourist agency can make use of this project for saving customer details in database.

We can add new features as and when we require.

Navigation through the web application is easy.

This application can be easily implemented under various situations.

Reusability of this application is also possible.

Minimizing human effort and cost efficiency databases.

Our project invokes all base tasks that are now carried out manually, such as the forms transactions and reports which is added advantage. The proposed System is completely computer-based

application.

Thousands of records can search and displayed without taking any significant time

Gives accurate information.

- Simplifies the manual work.
- It minimizes the documentation related work.
- Provides up to date information.
- Travellers' details can be provided

Chapter 5

Software Requirements:

<u>FRONTEND:</u>

NetBeans IDE(Java): Version 8.2

Java JDK: Oracle SE Development Kit 17

JRE: Oracle Jre 8

Framework Used - Swing & AWT

<u>BACKEND:</u>

Database Used - MySQL

Administration tool - MySQL Workbench

Chapter 6

Project Design

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

1. **Primary Design Phase**:

   In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more interaction are kept in one block.

2. **Secondary Design Phase:**

   In the secondary phase the detailed design of every block is performed.

   The general tasks involved in the design process are the following:

   1. Design various blocks for overall system processes.

   2. Design smaller, compact and workable modules in each block.

   3. Design various database structures.

   4. Specify details of programs to achieve desired functionality.

   5. Design the form of inputs, and outputs of the system.

   6. Perform documentation of the design.

   7. System reviews.

3. User Interface Design:

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

The following steps are various guidelines for User Interface Design:

1. The system user should always be aware of what to do next.

2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.

3. Message, instructions or information should be displayed long enough to allow the system user to read them.

4. Use display attributes sparingly.

5. Default values for fields and answers to be entered by the user should be specified.

6. A user should not be allowed to proceed without correcting an error.

7. The system user should never get an operating system message or fatal error

Chapter 8

Conclusion:

Tourism is currently recognized as a global industry which is highly growing at a high rate like other industry. There are many different activities are occurred in tour activities. My "Tour Management' web-based application helps in online distribution of tour packages, hotel, hotel, properties, transfer etc, this 'Tour Management System' can be fully customized with integration different API's, it has friendly environment that connects customer willingly. Finally, can say that this Web Based Application will help tour manager to control and handle the tour related activates effectively and efficiently. This web application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application. The application was tested very well and the errors were properly debugged. Testing also concluded that the performance of the system is satisfactory. All the necessary output is generated. This system thus provides an easy way to automate all the functionalities of consumption. If this application is implemented in few consumptions, it will be helpful. Further enhancements can be made to the project, so that the website functions in a very attractive and useful manner than the present one. It is concluded that the application works well and satisfy the needs. The application is tested very well and errors are properly debugged. It also acts as the sharing of files to the valuable resources.