MINI PROJECT

CHAPTER 1

INTRODUCTION

1.1PROBLEM STATEMENT:

Every year many pilgrims from all over the world find difficult to book tickets or any other reservations during peak time of the year. Hence this project will ease the proceedings related to the bookings.

1.2OBJECTIVES:

1. To create 3 divisions of my mini project as; Bookings, cancellation and general enquiry sections.
2. To create records which will store information about the user details (name, type of seva , date and time , no. of tickets and various other factors)and booking related information.
3. Through this a platform should be created for the easy communication between the pilgrims and the seva kendra.
4. Total amount of the tickets, available discounts and other vital information about the tickets will be displayed.
5. Updating, editing and displaying of a certain person record will be done easily and the user can access in future if required.
6. If the user wants to know or clear any queries related to bookings or cancellations they can choose the general enquiry section.

1.3 METHODOLOGY TO BE FOLLOWED:

1. Firstly, we need to create 3 divisions: Bookings, Cancellation and General Enquiry.
2. Two sub-divisions will be created under bookings and the cancellation division which is login and sign-up.
3. Further the user has to view various options like enter details (like name, no. of details) and view details. In cancellation division we need to put option of deleting the ticket.
4. In the general enquiry section we need to view the vital information about the basic information related to the Seva Kendra so that the user can view it when in need.
5. The total amount and the final ticket transaction should be displayed to the user in the end.

1.4 EXPECTED OUTCOMES:

1.My mini project will help the pilgrims in booking tickets and hotel accommodation according to user specifications.

2. Cancellation of tickets can be easy, modifications and last-minute changes can be implemented and updated according to user.

3. According to user, cottages accommodations, tickets for various sevas or poojas will be displayed or sorted.

4. Special offers will be shown according to festivals or special user privileges. Suggestions or reasonable packages can be accessed.

5. Booking details and other information can be sent to the user. Queries and other information related to their journey can be achieved by contacting the booking officer online.

1.5 SOFTWARE AND HARDWARE REQUIREMENTS:

1.Software Requirements-

a. Compiler: Turbo C/C++

b. OS: Windows 7 or later

2.Hardware Requirements-

a. Processor: Intel core i5 generation

b. Ram: 2 GB or more

CHAPTER 2

DATA STRUCTURES

DATA STRUCTURES TO BE USED

1.TREES- Trees are non-linear data structures which consists of collection of nodes organised in hierarchical manner. The parts of the trees are as follows: root node, internal nodes, external nodes, level, path, height, depth nodes.

Types of the trees used:

1. Binary Tree
2. Strictly binary tree
3. Full Binary Tree
4. Complete Binary Tree

2.LINKED LISTS- linked list is a linear data structure which consists of set of nodes where each node has two parts- data, link. Data contains the elements and the link contains.

Types of linked list:

1. Single linked list
2. Double linked list
3. Circular linked list

3.Queues- it is a linear data structure in which insertion happens at one end and deletion happens at another end. Queue follows FIFO.’

Types of Queues:

1. Linear Queue
2. Circular Queue
3. Double ended Queue
4. Priority Queue

CHAPTER 3

DESIGN

3.2 FLOW-CHART























