**SYNOPSIS**

**INTRODUCTION**

Travelling to various tourist spots has become an important activity in routine life. People look for various tourist spots for travelling in order to seek a change from day to day hectic life. In order to help people seek information about tourist spots and availability of travel packages to such spots, a travel portal providing information about destinations, duration of trip, availability of seats, booking status, package cost etc is necessary. Hence this project work is taken up.

**OBJECTIVES**

1. To provide an interface for user and admin to the travel information.
2. To provide information about various travel packages
3. To enable changes in travel packages depending on requirements.
4. To help the traveler book a package and get status.

**METHODOLOGY**

The methodology adopted for this project is a bottom up approach. Object oriented programming using C++ has been considered for the coding of this project. Various classes like user Class, package Class, etc is considered along with various member functions and data for various tasks. Files are considered for storage, retrieval and updations of user and admin data.

**BENEFITS AND ADVANTAGES**

The main benefit of this project is to provide a user friendly portal for providing travel package information and booking using any personal computer. The program can be used to develop an application for any travel agency to be ported on their website. The user can transact entire application through the travel agencies portal without any difficulty.

**CLASSES USED**

Various classes used in this project are :

1. User class – member functions : getuname(), getpass(), getum(), getpack(), fill(), display(), update\_user.
2. Package class – member functions : package(), getpname(), calccost(), bookinputno(), book(), dispinfo(), updateppl(), fillpack(), dispcompact(), dispfull(), adminmodify(), packmodify(), getavseats()

**FUNCTIONS USED**

Various other functions used in this project are :

viewfullpack(), managebooking(), modifypackage(), fillfile(), displayscreen(), userfunc(), admin(), check\_account(), new\_account(), user\_update(), user\_interface(), admin\_interface(), userfunc(), cancel\_booking(), manage\_user(), manage\_pack(), delete\_pack(), view\_booking(), view\_account(), delete\_account(), modify\_account().

**FILES USED**

Various files used are the header files and the user defined files.

Header files used are :

1. fstream.h ii) conio.h iii) process.h iv) string.h

v) stdio.h vi) stdlib.h

User defined files used are:

1. user.dat - input file
2. temp.dat - output file
3. package.dat – input file
4. temp1.dat - output file
5. temp2.dat – output file
6. temp3.dat – output file
7. temp4.dat – output file
8. temp5.dat – output file