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TOURISM MANAGEMENT SYSTEM

Shaik Yasmeen^{*1}, Nada Faiz, B. Mona², Ms R Anisha³, Dr. B V Ramana Murthy⁴ & Mr.C Kishor Kumar Reddy⁵

^{*1,2,3,4&5}Stanley College of Engineering and Technology for Women, Hyderabad

ABSTRACT

As tourism is one of the fastest growing industries today, the tourism events are getting more and more essential. Now, people are interested in events of all kinds, and will travel far away to participate in events that they are interested. Usually events offer various economical and social benefits for destinations, and therefore destination managers can and should employ events effectively in a tourism role. This study was launched as a response to the lack of studies on how tours strategies are generally used in destinations. This study was directed to tours and travel management system and the aim was to tourist management. It includes some facilities of travel such as registration of new tourist, search regarding booking or reservation of a tour, display, modification, delete, etc. The software used for arranging whole tourism management will include services, provides new and improved services, and identify travel related cost savings. We offer everything related to traveling services under one root.

I. INTRODUCTION

Tourism management is a system that deals services related to travel to tourist or customer. So to manage the details like tour details, tourist details, and other related details like hotels, tourist guide etc. So, we need a the software which could easily and conveniently maintain these details .In tourism management system we have to introduce following items details.

Tourist: Behavior, needs, wants

Companies: Hotels, entertainment, transport

People: management front office

Economy: Employment, income

Technology: Internet, reservation system

Organization: Information service

So, all the above details together called as tourism management system. The project “TOURISM MANAGEMENT SYSTEM” includes some facilities of travel such as registration of search regarding booking or reservation of a tour, modification, delete, new tourist, display, etc. The software used for arranging whole tourism management will include services, provides new and improved services, and identify travel related cost savings. Tourist is a person who temporarily visits a place away from home for the purpose of experiencing a change and get relaxation. we will have to fulfill his all need starting from ticket of desirable place with staying facility in tourism guide, hotels & travel agency.

Tools and platform used are

Software:

- Visual studio
- Microsoft Windows 7 UltimateB.

Hardware:

- Processor – Intel Core i3
- RAM – 4GB

Modules of the project are:

- Tour Details

- Customer/Tourist Details
- Type of vehicle used
- Tourist places
- Reservation of ticket
- Availability of Seats Details

II. DESCRIPTION OF THE MODULES

This project stores and manages customer details as name of customer, address of customer and his/her ID details. The tour details like, tour fee, bus/vehicle details, source, destination, departure time, arrival time, charge name and contact number etc. is also managed by this project.

III. LITERATURE SURVEY

The United Nations World Tourism Organisation (UNWTO) has classified three types of tourism (Goeldner and Ritchies, 2006)[23]. The first is nature tourism which is a tourist who chooses to travel in natural resources, including Ecotourism, Marine Ecotourism, Geological Tourism Geo-tourism, agro tourism and the second type is Cultural tourism, which is a type of tourism including travel to cultural destinations such as Historical Tourism, Cultural Tourism and Rural Tourism or Village Tourism, and the last type is Special Interest tourism, which is a type of tourism where tourists choose to visit according to their special interests, for example, Health Tourism, Ethnic Tourism, Sports Tourism, Adventure Tourism, Homestay and Farm Stay, Long Stay, Incentive Tourism etc.,. In addition to the tourism types that the World Tourism Organisation has provided, there are many types of tourism activities that can be classified by the Office Of Economic and Social Statistics and Tourism Authority of Thailand, for example Health Tourism is a tourist destination where activities for health care are the goal of tourism or leisure, as well as learning how to maintain physical and mental health to enhance the knowledge of maintaining the good quality of life.

Our project is a special interest tourism. It includes to select from North India, South India, East India, West India, Central India. After selecting, it shows states in that division. It also includes , means of transportation, reservation of hotel.

IV. ALGORITHM

1. Start
2. GLOBAL VARIABLE USED
int i=0;
3. GLOBAL FUNCTIONS USED
void startup();
int opening1();
void opening2();
void maketrfile();
void makehofile();
void places();
4. FUNCTION USED TO RESERVE HOTEL.
void travelagency::resho()
clrscr();
flag1='N';
while(flag1!='Y')
flag1=toupper(flag1);}
showhotel();
5. FUNCTION USED TO SHOW ALL HOTEL RESERVATIONS.

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if(srch==0)
cout<<" No Record Exists";
6. FUNTION USED TO SEARCH FOR A HOTEL RECORD.
if(srch==0)
cout<<" No Record Exists";
7. FUNTION USED TO DELETE A HOTEL RECORD.
if(del!=0)
cout<<endl<<" ...Deleted...";
8. FUNTION USED TO EDIT A HOTEL RECORD.
if(ede==0){
cout<<"RECORD DOESNT EXIST!!!!";}
9. FUNTION USED TO TRANSFER EDITED HOTEL RECORDS
oldfile2.open("temp1.dat",ios::binary | ios::in);
newfile2.open("hotel.dat",ios::binary| ios::out);
while(oldfile2.read((char*)&user,sizeof(user)))newfile2.write((char*)&user,sizeof (user));oldfile2.close();ne
wfile2.close();
10. FUNTION USED TO RESERVE TRANSPORTATION
flag2='N';
while(flag2!='Y')
11. FUNTION USED TO SHOW TRANSPORT RESERVATION.
if(top2==1)
price2=(atr1*not1)+(atr2*not2);
elseif(top2==2)
price2=(ttr1*not1)+(ttr2*not2);
elseif(top2==3)
price2=(rtr1*not1)+(rtr2*not2);
12. FUNTION USED TO VIEW TRANSPORT RECORDS.
switch(option){
case 1:showtransportrec();
break;
case 2:deltransportrec();
break;
case 3:searchtransportrec();
break;
case 4:edittransportdata();
break;
13. FUNTION USED TO SHOW ALL TRANSPORT RECORDS.
while(file1.read((char*)&user,sizeof (user)))user.showtransport();
file1.close();
14. FUNTION USED TO DELETE A TRANSPORT RECORDS.
if(dele!=0)
cout<<endl<<" ...Deleted...";
15. FUNTION USED TO TRANSFER UNDELETED TRANSPORT RECORDS.
while(oldfile1.read((char*)&user,sizeof(user)))newfile1.write((char*)&user,sizeof (user));oldfile1.close();
newfile1.close();
16. FUNTION USED TO SEARCH FOR A TRANSPORT RECORDS.
if(serch==0)
cout<<" No Record Exists";
17. FUNTION USED TO EDIT TRANSPORT RECORD.
if(ede1==0){
gotoxy(25,17);

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cout<<"RECORD DOESNT EXIST!!!!";
18. FUNTION USED TO TRASFER EDITED TRANSPORT RECORDS.
while(oldfile3.read((char*)&user,sizeof(user)))newfile3.write((char*)&user,sizeof (user));oldfile3.close();
newfile3.close();
19. MAIN FUNTION USED TO CALL OTHER FUNTIONS
startup();
int opt;
while(opt!=5)
{
opt=opening1();
switch(opt){
case 1:places();
break; case 2:
maketrfile();
i++;
break;
case 3:
makehofile();
i++;
break;
20. FUNTION USED TO MAKE TRANSPORT
user1[i].toggle=1;
user1[i].restr();
21. FUNTION USED TO MAKE HOTEL RECORD.
user1[i].toggle=1;
user1[i].resho();
22. FUNTION USED TO DISPLAY INTRODUCTION SCREEN
int a;
for(a=50;a>30;a--)
for(a=42;a<52;a++)
for(int j=0;j<10;j++)
23. FUNTION USED TO DISPLAY MENU.
for(int f=0;f<6;f++)
for(f=1;f<13;f++)
switch(opt2){
case 1:maketrfile();
i++;
break;
case 2:makehofile();
i++;
break;
case 3:maketrfile();
i++;
makehofile();
i++;
break;
23. FUNTION USED TO DISPLAY CHOICE OF DESTINATION.
int des;
for(int j=0;j<20;j++)
int des1;
if (des!=6){
switch(des){

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case 1: for(j=0;j<20;j++)
if(des1!=5)
user.nindia(des1);
break;
case 2: for(j=0;j<20;j++)
if(des1!=6)
user.sindia(des1);
break;
case 3: for(j=0;j<20;j++)
if(des1!=6)
user.eindia(des1);
break;
case 4: for(j=0;j<20;j++)
if(des1!=3)
user.windia(des1);
break;
case 5: for(j=0;j<20;j++)
if(des1!=3)
user.cindia(des1);
break;
24. End

```

V. ADVANTAGES AND DISADVANTAGES

Advantages

- Faster processing time and more accurate data for travel requests and Tourist places.
- Many new features and enhancements.
- It provides services related to travel to tourist or customer.
- It is easy and convenient to maintain the details.
- It manage the details like tourist details, tour details, and other related details like hotels, tourist guide etc.
- It also includes information related Companies: Hotels, transport, Entertainment
Organization: Information service
People: management front office
Tourist: Needs, wants, behavior
Economy: income, employment
Technology: reservation system ,internet.
- It includes some facilities of travel such as registration of new tourist, search regarding booking or reservation of a tour, display, modification, delete etc.
- It is efficient and compatible.
- Consists of global data and global functions.
- It is a highly portable language.
- The modular structure makes program debugging, testing and maintenance easy.
- The syntax used is easy to learn.

Disadvantages

- It consumes more amount of space.
- It is a platform specific application only

VI. CONCLUSION

Tourism management system simplifies the management process in travelling. It has Fast processing and immediate results with high security. It is really a very useful project. It benefits us in all ways. As there is a huge demand in tourist management, we chose this topic and did over project. Our project will be able to implement in future after making some changes and modifications as we make our project at a very low level. This project is seems to be very useful in future for the management of tourism.

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