HOLIDAY PLANNER SYSTEM

BE-III COMPUTER SCIENCE PROJECT

GROUP 9

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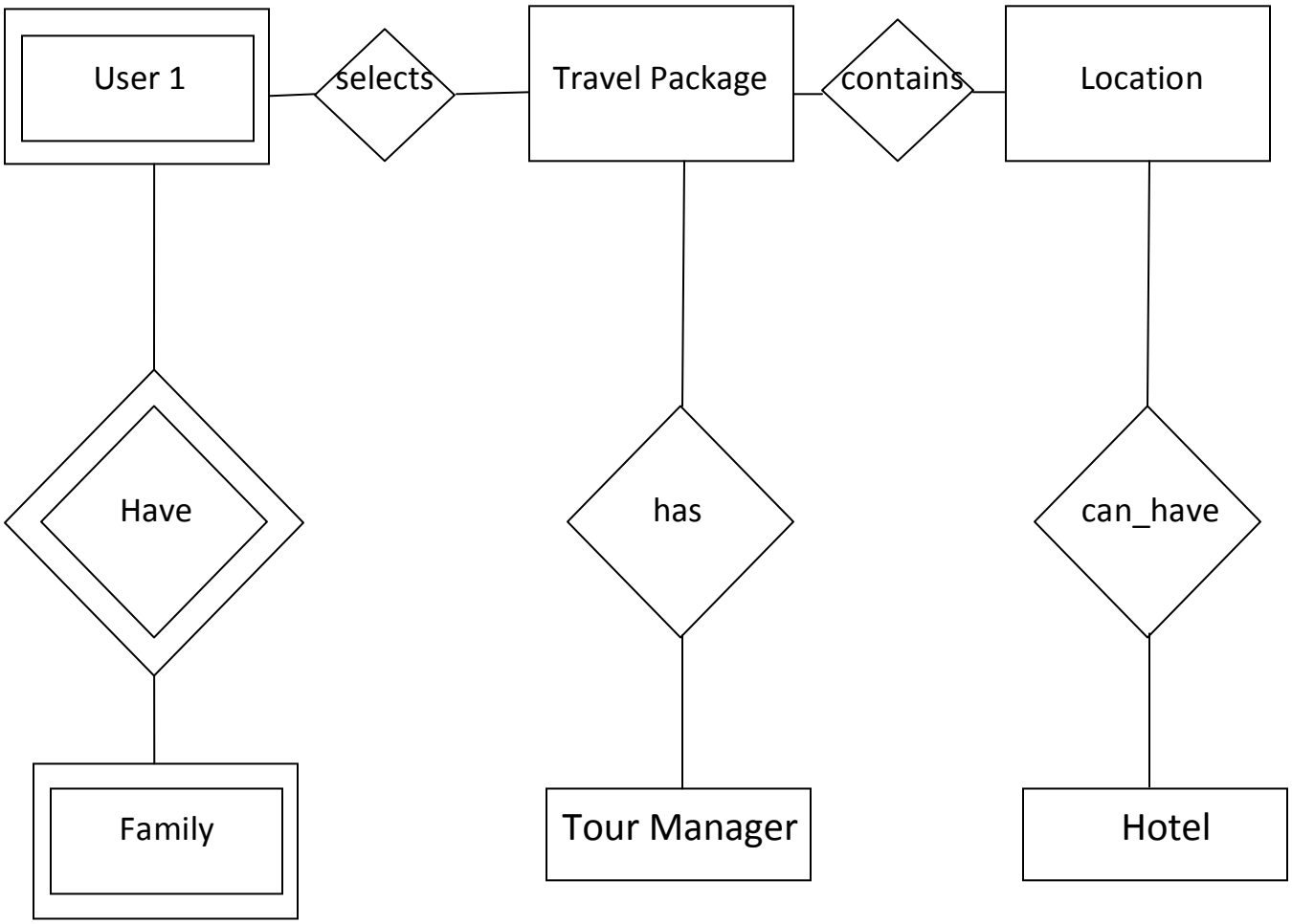
➢ PROJECT DEFINATION:

"Travelers' Guide. Inc "is a Holiday Planning Software which is designed to deal with the Users' requirement of efficient planning for a good and enjoyable holiday trip. The "User" may be the administrator of a travel company or may be a customer for the same.

A User is supposed to register an account for operating the software. The account acts a personal profile for each user. If the user is an Administrator the he or she may have additional privileges. The basic format of the software is very simple and user friendly. The end-user or the Customer can login to his profile after registering and choose from an attractive list of Travel packages classified on the basis of the region to which they belong in India. After completing the pre-defined procedure of entering details about the booking or reservation, the software generates a receipt which can be used for further reference. The administrator can monitor the users' and the travel packages' data via separate functions and features of the software.

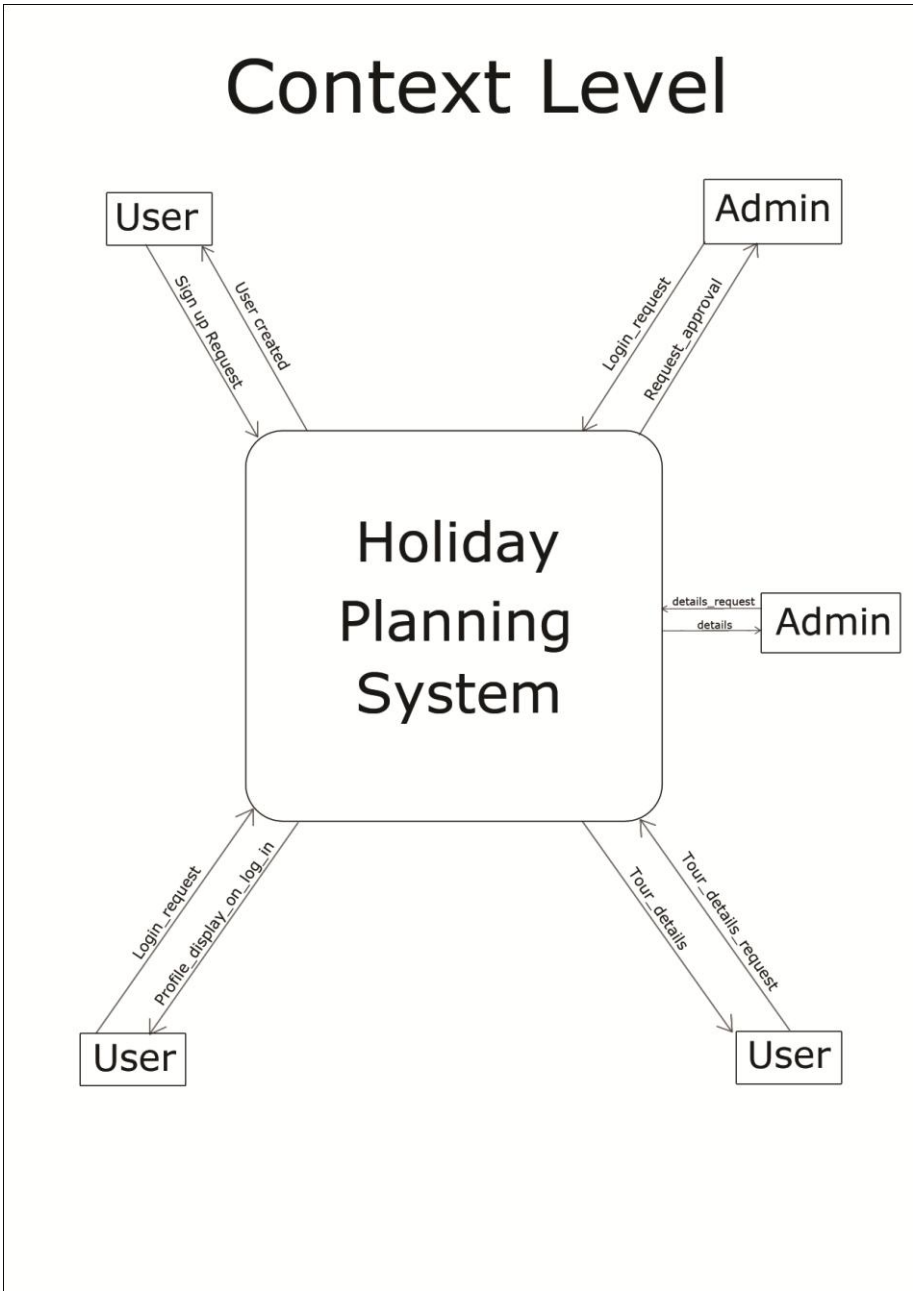
➢ E-R Diagram:

Also called an *entity-relationship model*, a graphical representation of entities and their relationships to each other, typically used in computing in regard to the organization of data within databases or information systems. An entity is a piece of data-an object or concept about which data is stored. A relationship is how the data is shared between entities.

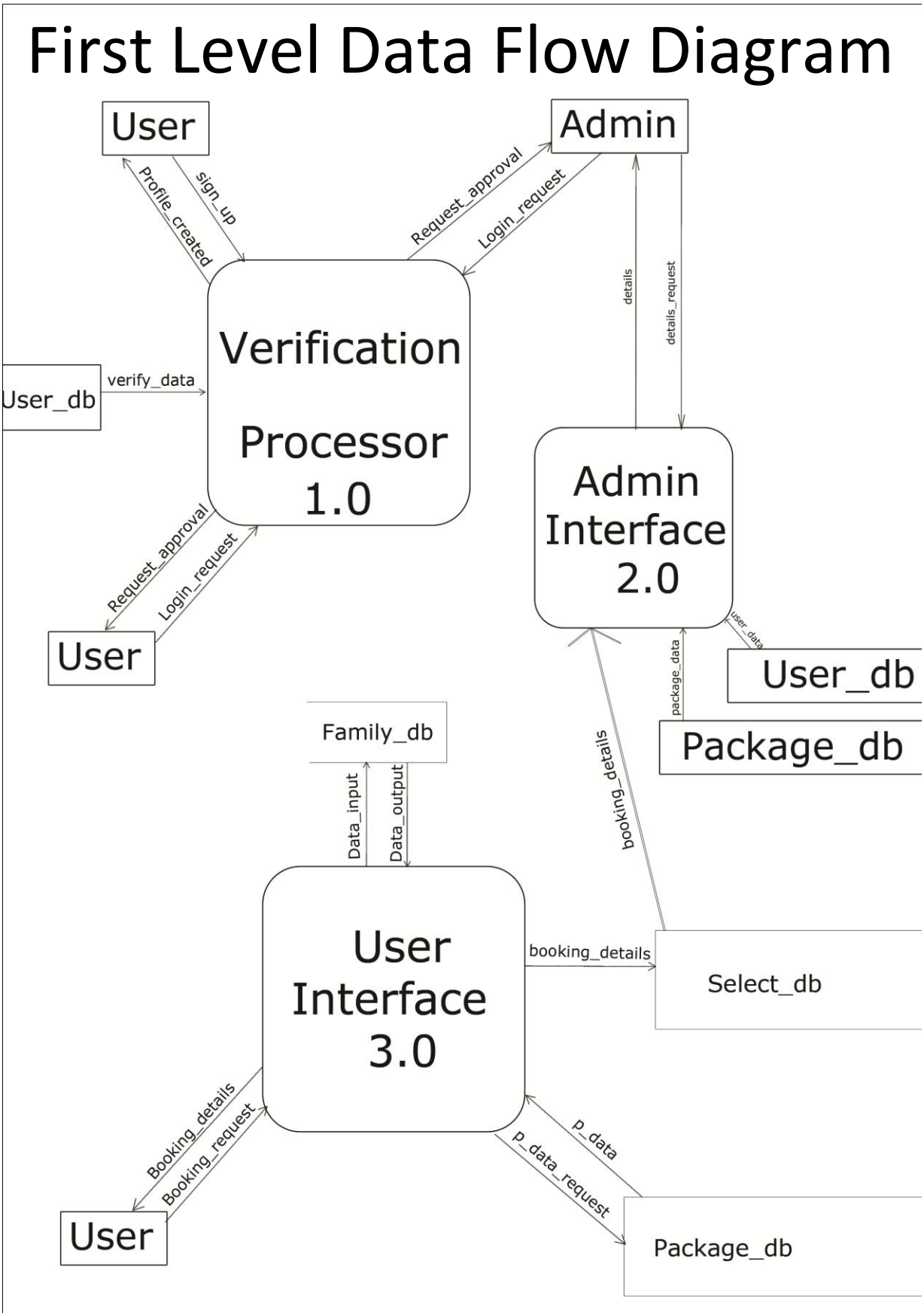


➢ Data Flow Diagram:

A **data flow diagram** (**DFD**) is a graphical representation of the "flow" of data through an information system. DFDs can also be used for the visualization of data processing (structured design).On a DFD, data items flow from an external data source or an internal data store to an internal data store or an external data sink, via an internal process.



First Level Data Flow Diagram



➢ Table Design:

User 1
User_name
Password
Birthdate Gender Email Phone _no Address

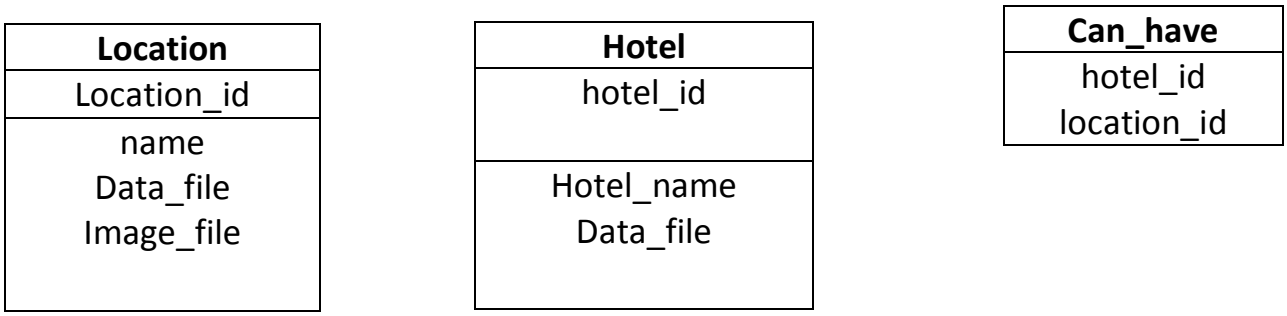
Family
Family_id
Fname Birthdate Gender

Selects
User_id Package_id
Date No_of_seats

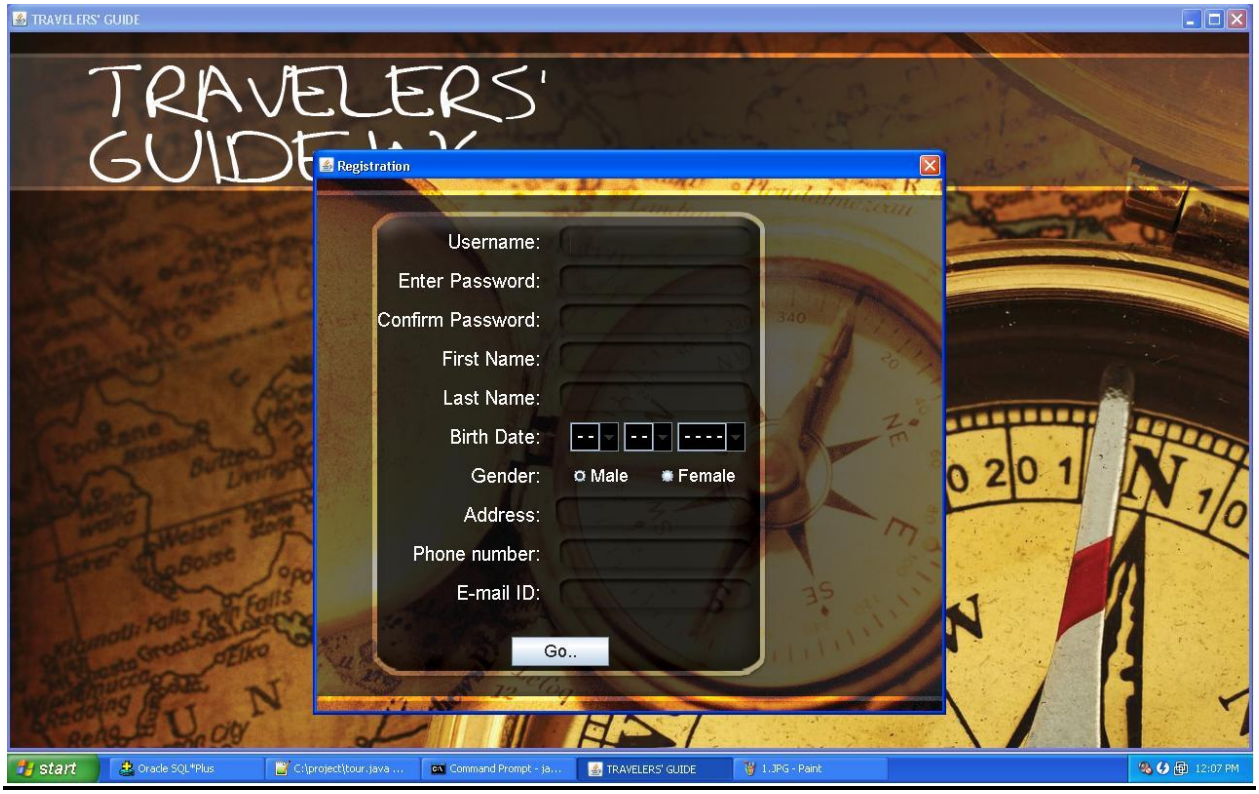
Travel Package
Package_id
Package_name No_of_days Region_id Tour_Manager_id Max_seats Avail_seats Data_file Image_file Description Icon_image Cost

Contains
Package_id Location_id
Rank No_of_days

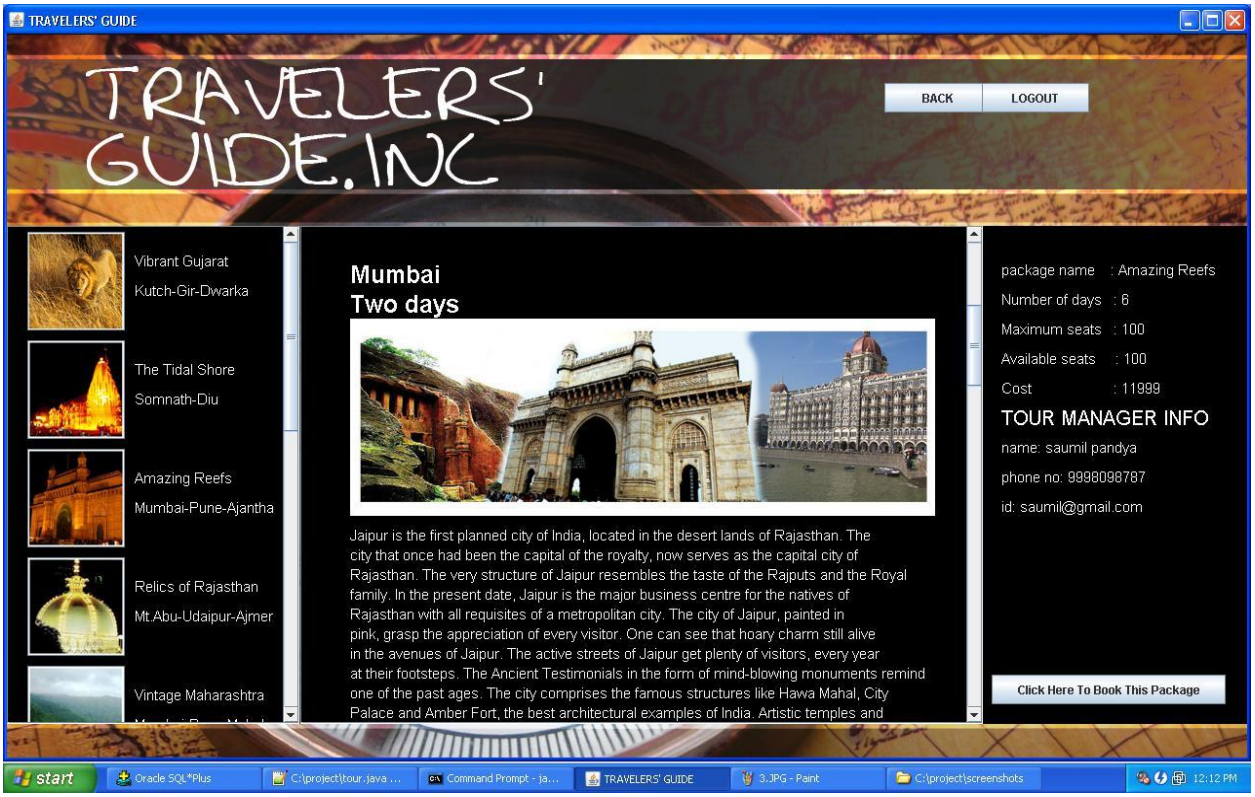
Tour manager
Tour_manager_id
Name Address Phno Email Birthdate


Location
Location_id
name
Data_file
Image_file
Hotel
hotel_id
Hotel_name
Data_file
Can_have
hotel_id
location_id

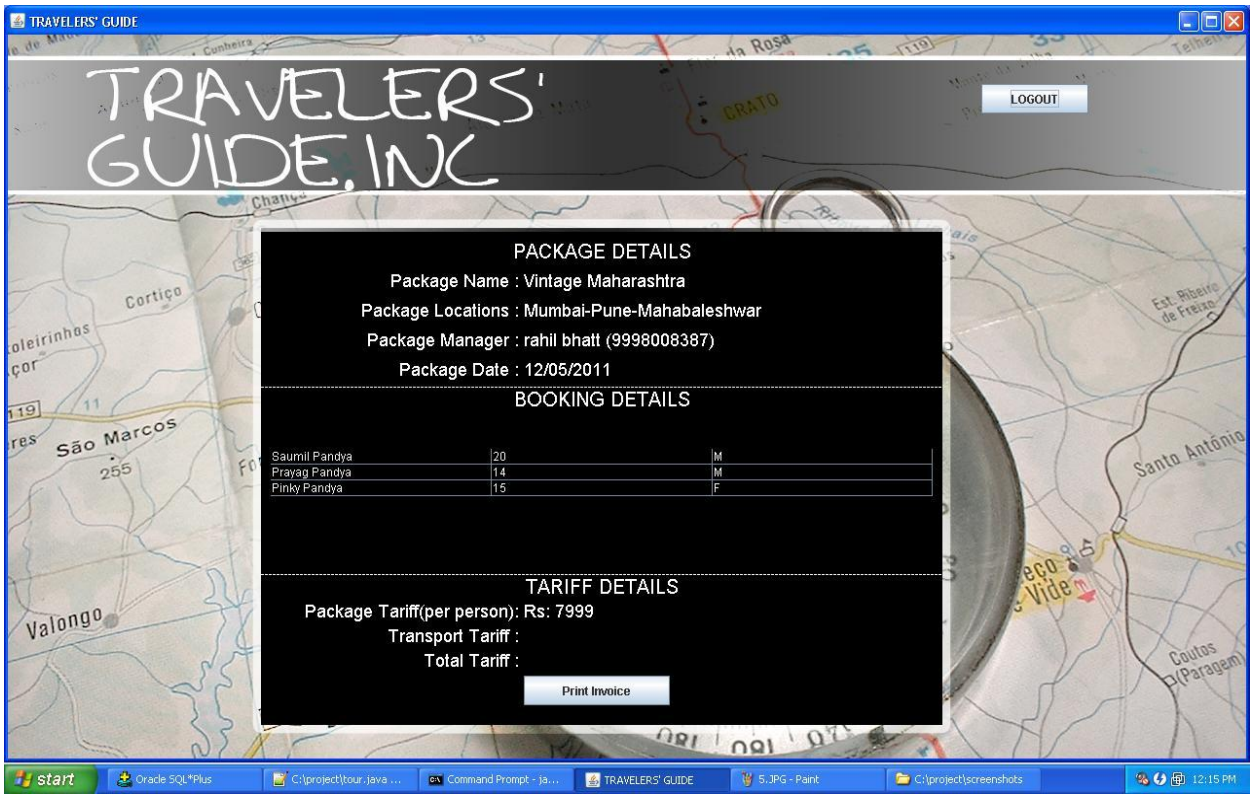
➢ Screenshots :

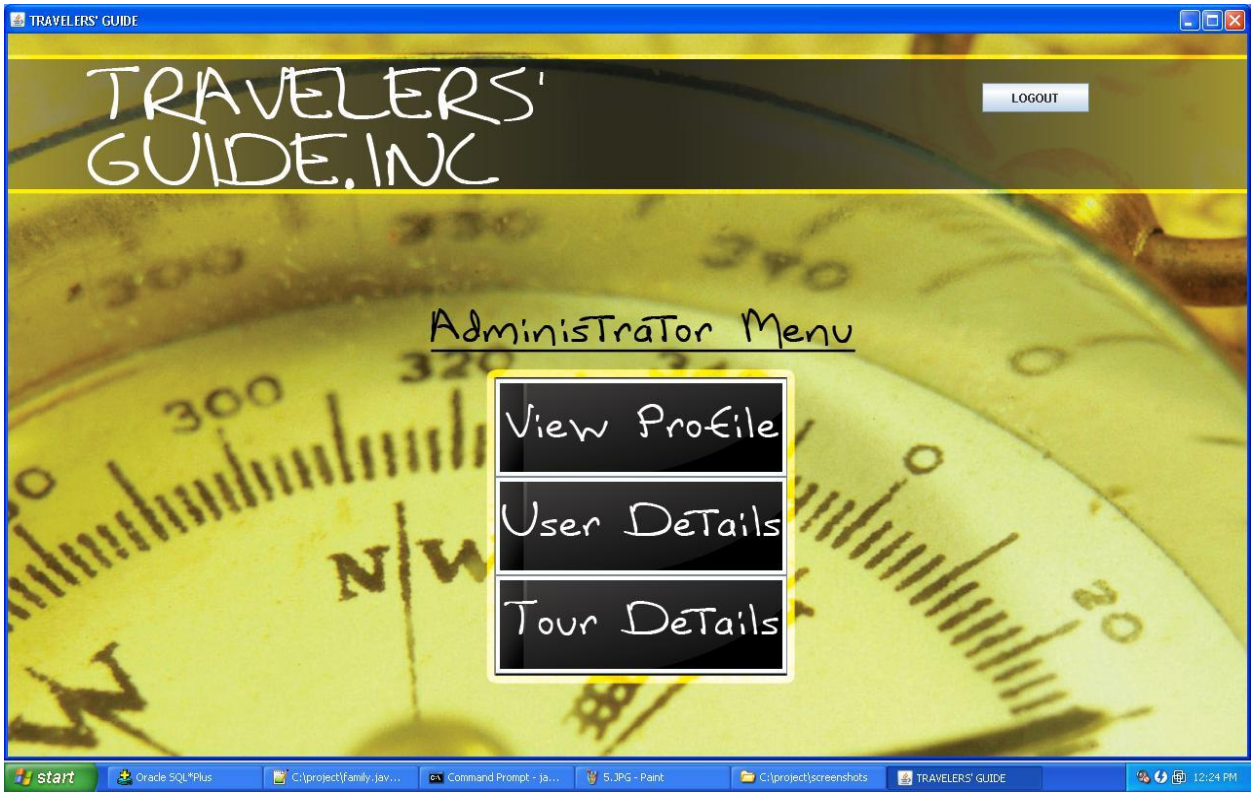


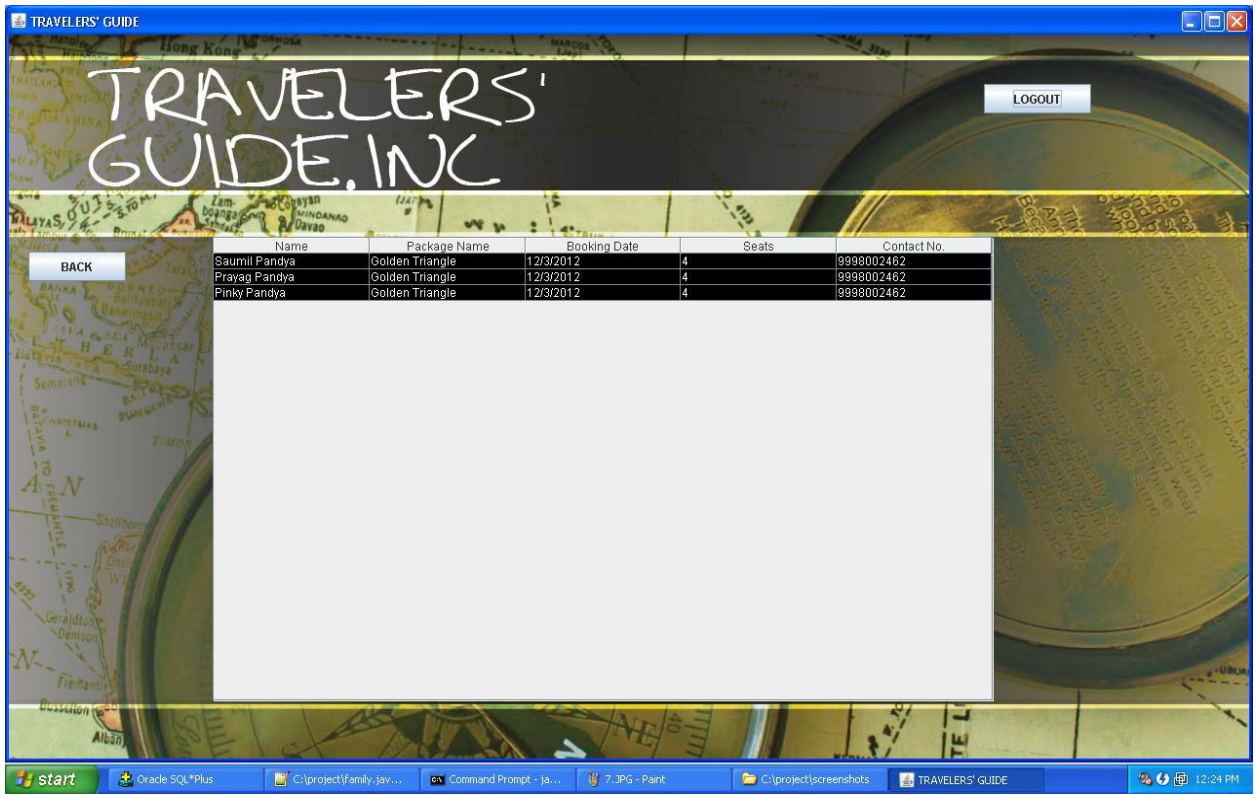

TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
Old Memories
Vibrant Gujarat
Kutch-Gir-Dwarka
Kaziranga National ...
Kaziranga park
Profile
Username: sam
First Name: saumil
Last Name: pandya
Birth Date: 02-05-1997
Gender: Male
Address: vadodara
Phone number: 9998002462
E-mail ID: saumil@gmail.com
New Journey
Select The Region Where you wish to spend your HOLIDAYS
NORTH
WEST
SOUTH
EAST
Proceed..
start
Oracle SQL*Plus
C:\project\tour.java ...
Command Prompt - ja...
TRAVELERS' GUIDE
1.JPG - Paint
C:\project\screenshots
12:10 PM

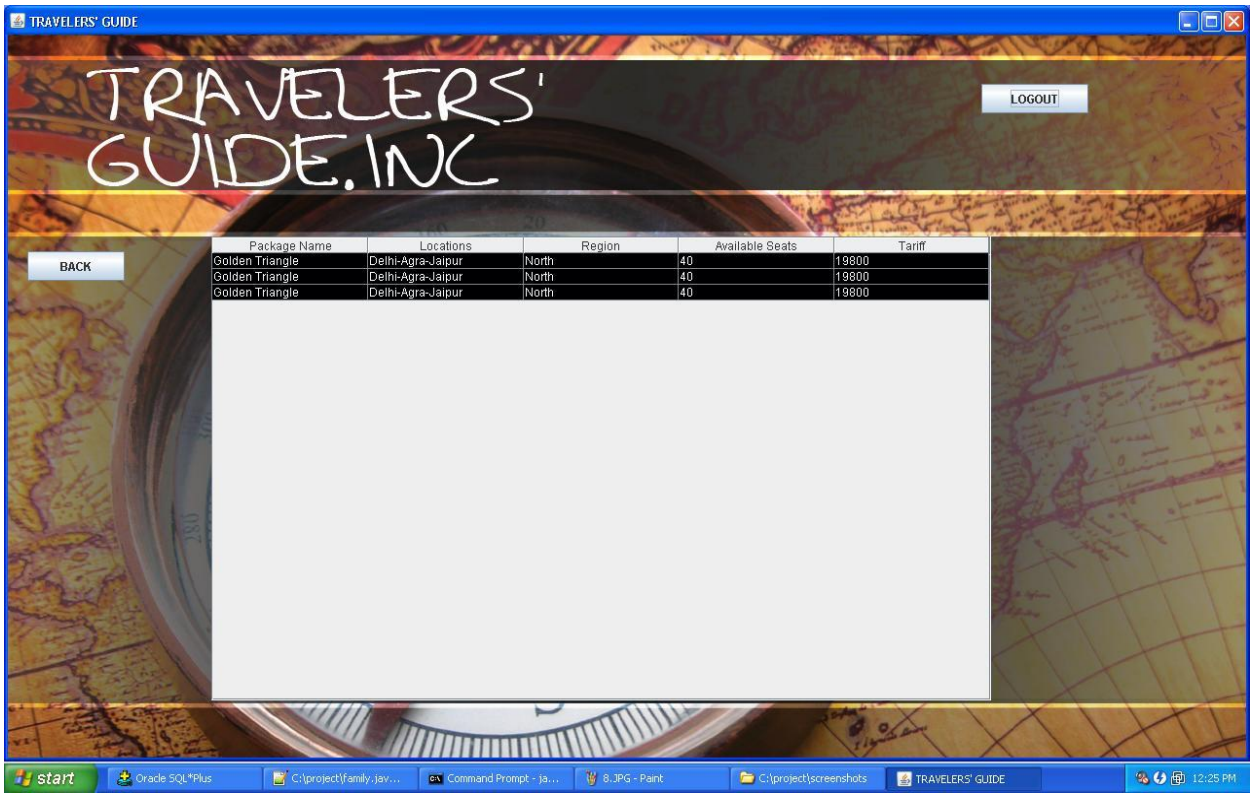

TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
BACK
LOGOUT
Vibrant Gujarat
Kutch-Gir-Dwarka
The Tidal Shore
Somnath-Diu
Amazing Reefs
Mumbai-Pune-Ajantha
Relics of Rajasthan
Mt.Abu-Udaipur-Ajmer
Vintage Maharashtra
Mumbai
Two days
Jaipur is the first planned city of India, located in the desert lands of Rajasthan. The city that once had been the capital of the royalty, now serves as the capital city of Rajasthan. The very structure of Jaipur resembles the taste of the Rajputs and the Royal family. In the present date, Jaipur is the major business centre for the natives of Rajasthan with all requisites of a metropolitan city. The city of Jaipur, painted in pink, grasp the appreciation of every visitor. One can see that hoary charm still alive in the avenues of Jaipur. The active streets of Jaipur get plenty of visitors, every year at their footsteps. The Ancient Testimonials in the form of mind-blowing monuments remind one of the past ages. The city comprises the famous structures like Hawa Mahal, City Palace and Amber Fort, the best architectural examples of India. Artistic temples and
package name : Amazing Reefs
Number of days : 6
Maximum seats : 100
Available seats : 100
Cost : 11999
TOUR MANAGER INFO
name: saumil pandya
phone no: 9998098787
id: saumil@gmail.com
Click Here To Book This Package
start
Oracle SQL*Plus
C:\project\tour.java ...
Command Prompt - ja...
TRAVELERS' GUIDE
3.JPG - Paint
C:\project\screenshots
12:12 PM


TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
Number of Members :
2
Current Location :
Aizawal
Submit
First Name: vishwa
Last Name: desai
Birth Date: 21 3 1990
Gender: Male Female
Finish
*Member Entered Successfully
Members entered :
raj desai
start
Oracle SQL*Plus
C:\project\family.jav...
Command Prompt - ja...
5.JPG - Paint
C:\project\screenshots
TRAVELERS' GUIDE
12:23 PM


TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
PACKAGE DETAILS
Package Name : Vintage Maharashtra
Package Locations : Mumbai-Pune-Mahabaleshwar
Package Manager : rahil bhatt (9998008387)
Package Date : 12/05/2011
BOOKING DETAILS
Saumil Pandya 20 M
Prayag Pandya 14 M
Pinky Pandya 15 F
TARIFF DETAILS
Package Tariff(per person): Rs: 7999
Transport Tariff :
Total Tariff :
Print Invoice
start
Oracle SQL*Plus
C:\project\tour.java ...
Command Prompt - ja...
TRAVELERS' GUIDE
5.JPG - Paint
C:\project\screenshots
12:15 PM


TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
AdminisTraTor Menu
View Profile
User DeTails
Tour DeTails
start
Oracle SQL*Plus
C:\project\family.jav...
Command Prompt - ja...
5.JPG - Paint
C:\project\screenshots
TRAVELERS' GUIDE
12:24 PM


TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
BACK
Name
Package Name
Booking Date
Seats
Contact No.
Saumil Pandya
Golden Triangle
12/3/2012
4
9998002462
Prayag Pandya
Golden Triangle
12/3/2012
4
9998002462
Pinky Pandya
Golden Triangle
12/3/2012
4
9998002462
start
Oracle SQL*Plus
C:\project\family.jav...
Command Prompt - ja...
7.JPG - Paint
C:\project\screenshots
TRAVELERS' GUIDE
12:24 PM


TRAVELERS' GUIDE
TRAVELERS' GUIDE.INC
LOGOUT
BACK
Package Name
Locations
Region
Available Seats
Tariff
Golden Triangle
Delhi-Agra-Jaipur
North
40
19800
Golden Triangle
Delhi-Agra-Jaipur
North
40
19800
Golden Triangle
Delhi-Agra-Jaipur
North
40
19800
start
Oracle SQL*Plus
C:\project\family.jav...
Command Prompt - ja...
8.JPG - Paint
C:\project\screenshots
TRAVELERS' GUIDE
12:25 PM

➢ Triggers :

(1)

```
create or replace trigger account_created
after insert
on user1
for each row
begin
insert into acc_track values(:new.uname,sysdate);
end;
/
```

(2)

```
create or replace trigger age_cal
before insert
on family
for each row
begin
if :new.age=0 then
:new.age :=round(sysdate)- :new.birthdate;
:new.age := :new.age/365;
end if;
end;
/
```

(3)

```
create or replace trigger age_cal
before insert
on family
for each row
begin
end age_cal;
/
```

(4)Table associated with Triggers :

```
create table acc_track
(
username varchar2(20) ,
acc_date date
);
```

➢ Report:

In a system software whenever the User makes a successful transaction, the system generates an output with information and details of the transaction. This output may be termed as Report.

In the above system, if a customer or end user confirms to book a package and enters all the details asked for by the system, he receives a receipt or invoice containing details about the travel package, the details of the members going for the tour and the expenses incurred, thus presenting a complete report to the User.

In the case of an administrator, he can generate reports depicting the relation between user-package details and also package availability details.

The images 6, 8 and 9 shown previously show reports.

➢ Enhancement Plans:

The current system shown above is based on a database connection in the back-end on the local machine. Moreover Oracle 9i is used for this purpose.

There are two main plans which can be implemented to enhance the performance and scope of the software:

(1)We may use an online database so that the software can operate on a network using the internet and the World Wide Web. The database used in the above case will be using MySQL or similar database languages.

(2)The functionality of the software on the administrator side may be increased by introducing new procedures by which the Administrator can add, modify and also delete the travel packages and the locations, hotels and tour managers associated with them.