



HOLIDAY PLANNER SYSTEM

BE-IV COMPUTER SCIENCE PROJECT

GROUP 9

Saumil Pandya (470)

Vishwa Desai(458)

Keyur Gosai(463)

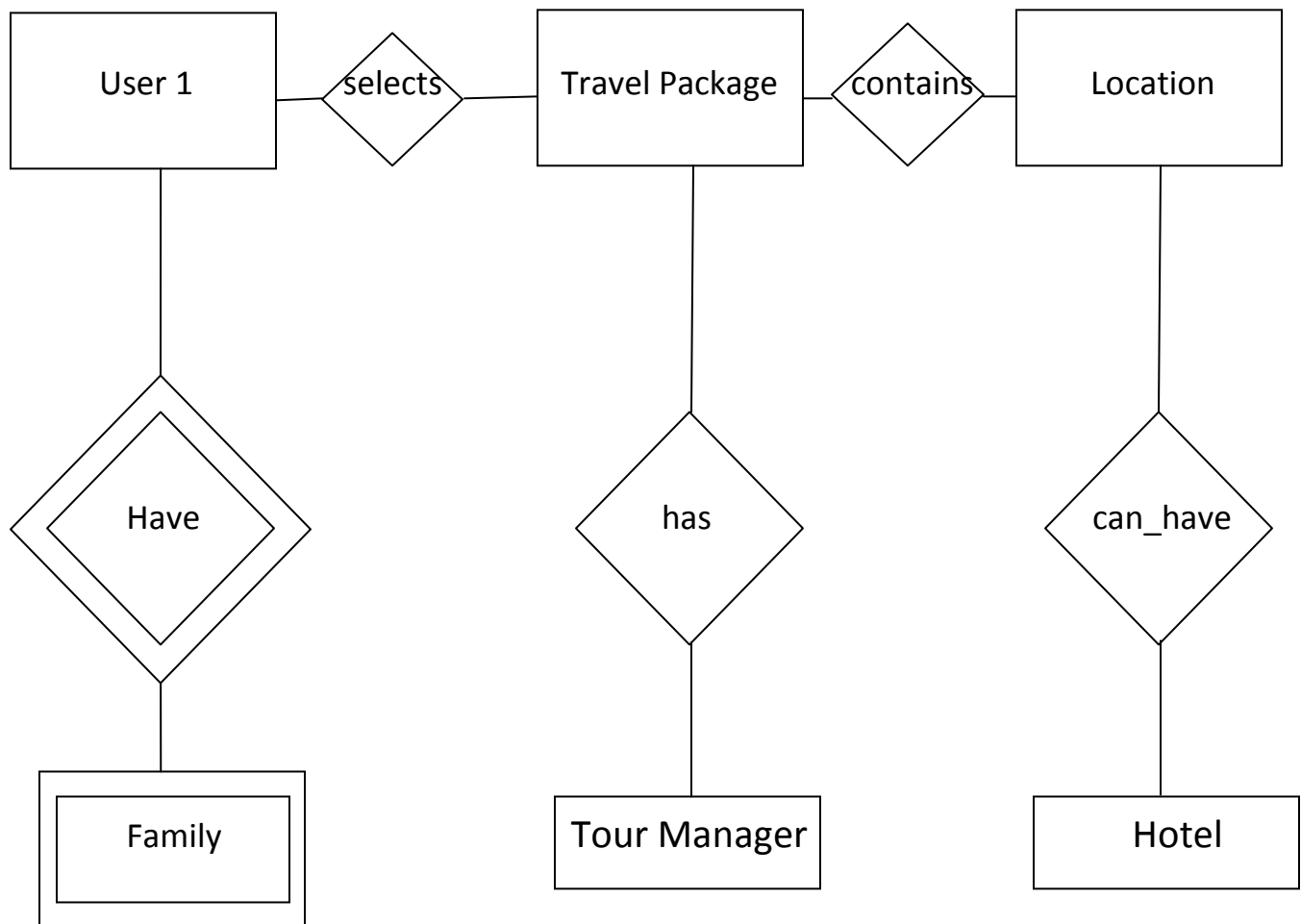
➤ **PROJECT DEFINITION:**

“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:

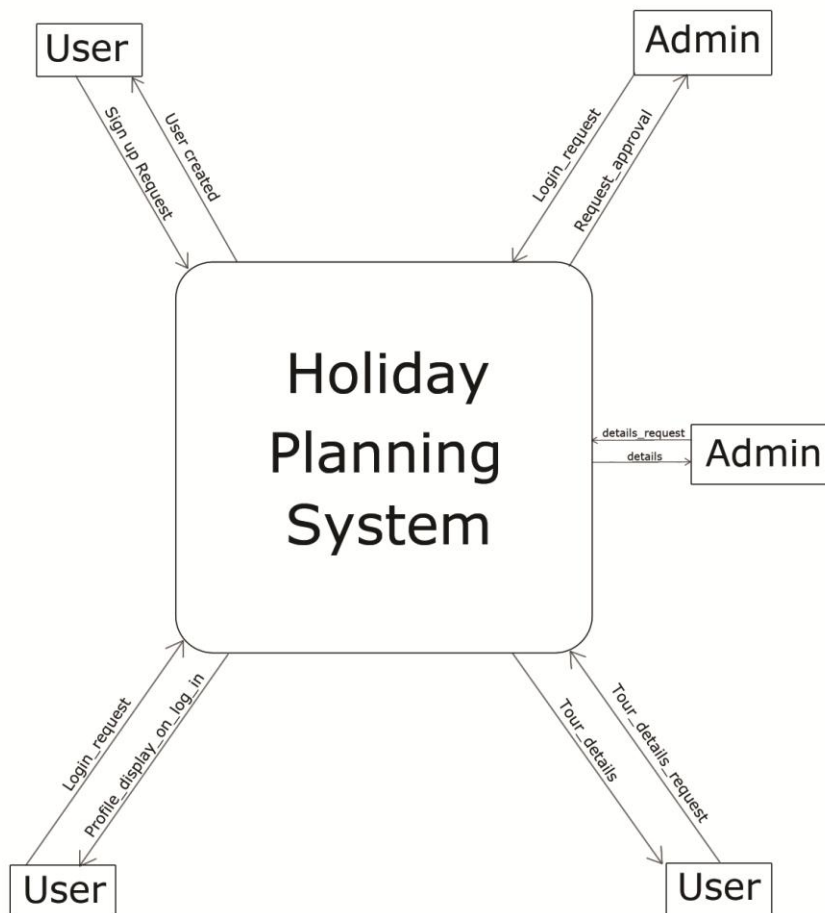
It is also called an *entity-relationship model*, a graphical representation of entities and their relationships to each other, typically used in computing in regard to the organization of data within databases or information systems. An entity is a piece of data-an object or concept about which data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



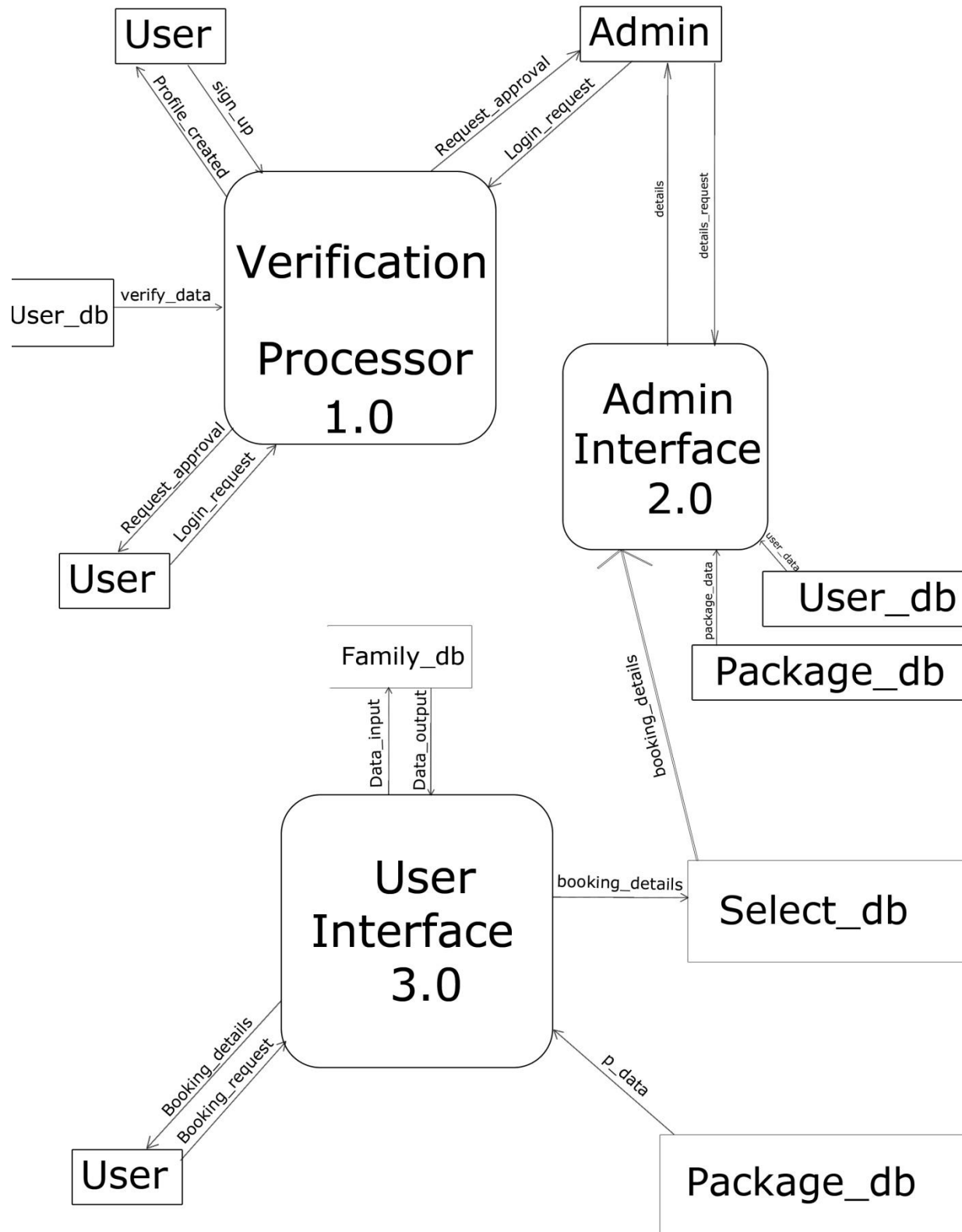
➤ Data Flow Diagram:

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.

Context Level



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

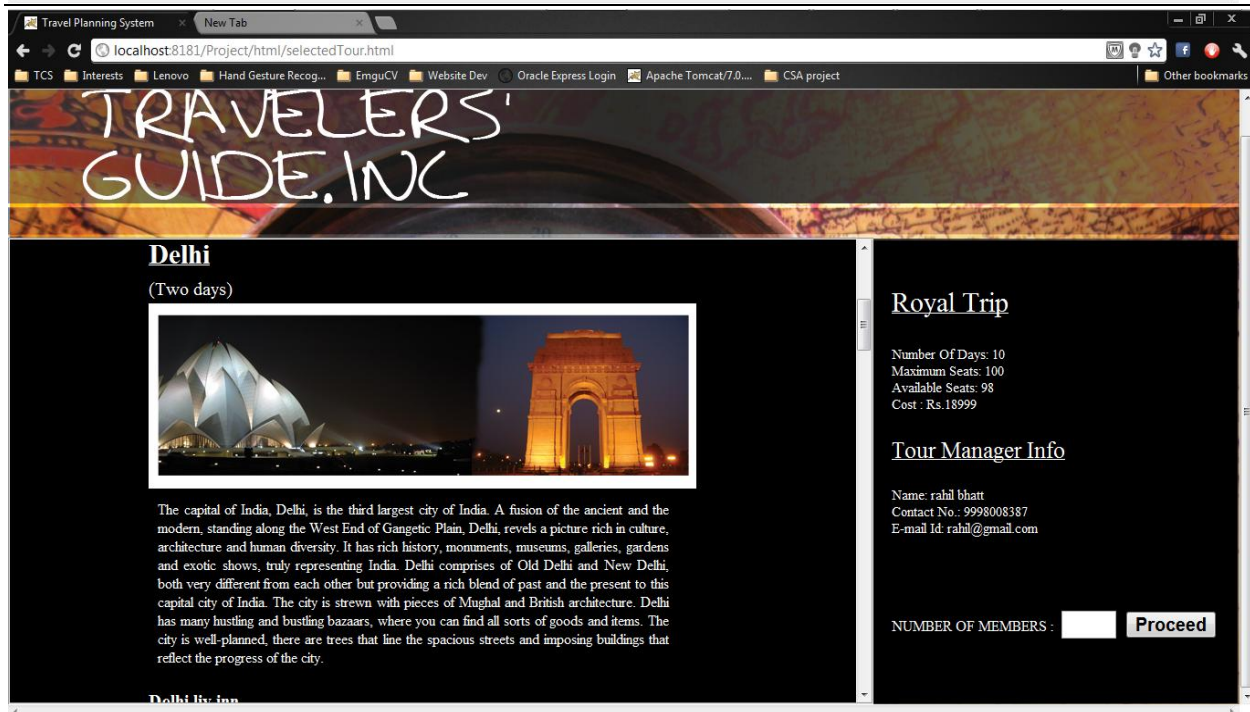
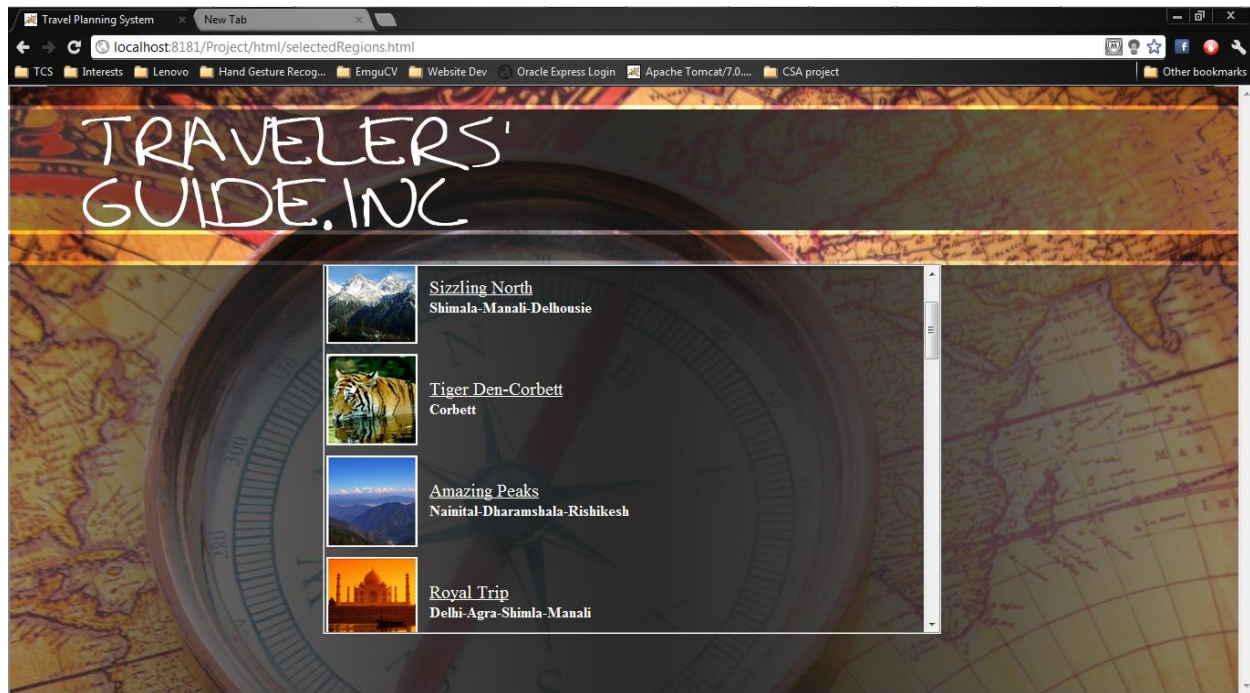
Location
Location_id
name Data_file Image_file

Hotel
hotel_id
Hotel_name Data_file

Can_have
hotel_id location_id

➤ Screenshots :





Travel Planning System

localhost:8181/Project/html/familyData.html

TCS Interests Lenovo Hand Gesture Recog... EmguCV Website Dev Oracle Express Login Apache Tomcat/7.0... CSA project Other bookmarks

TRAVELERS' GUIDE.INC

ENTER DETAILS FOR MEMBER 1

FIRST NAME :

LAST NAME :

BIRTHDATE :

ENTER DETAILS FOR MEMBER 2

FIRST NAME :

LAST NAME :

BIRTHDATE :

Book Package

Travel Planning System

localhost:8181/Project/html/receiptShow.html

TCS Interests Lenovo Hand Gesture Recog... EmguCV Website Dev Oracle Express Login Apache Tomcat/7.0... CSA project Other bookmarks

TRAVELERS' GUIDE.INC

RECEIPT

Package Name : Kerala Alive

Package Details : Kerala

Tour Manager : rahil bhatt (9998008387)

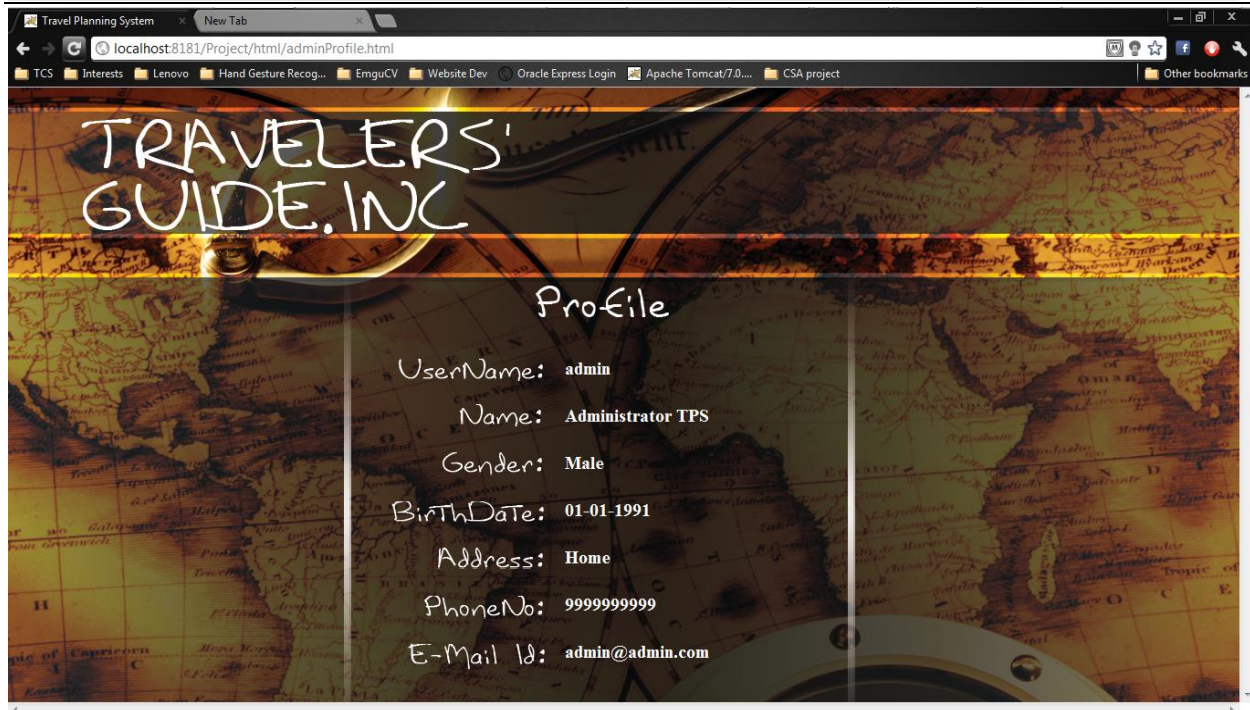
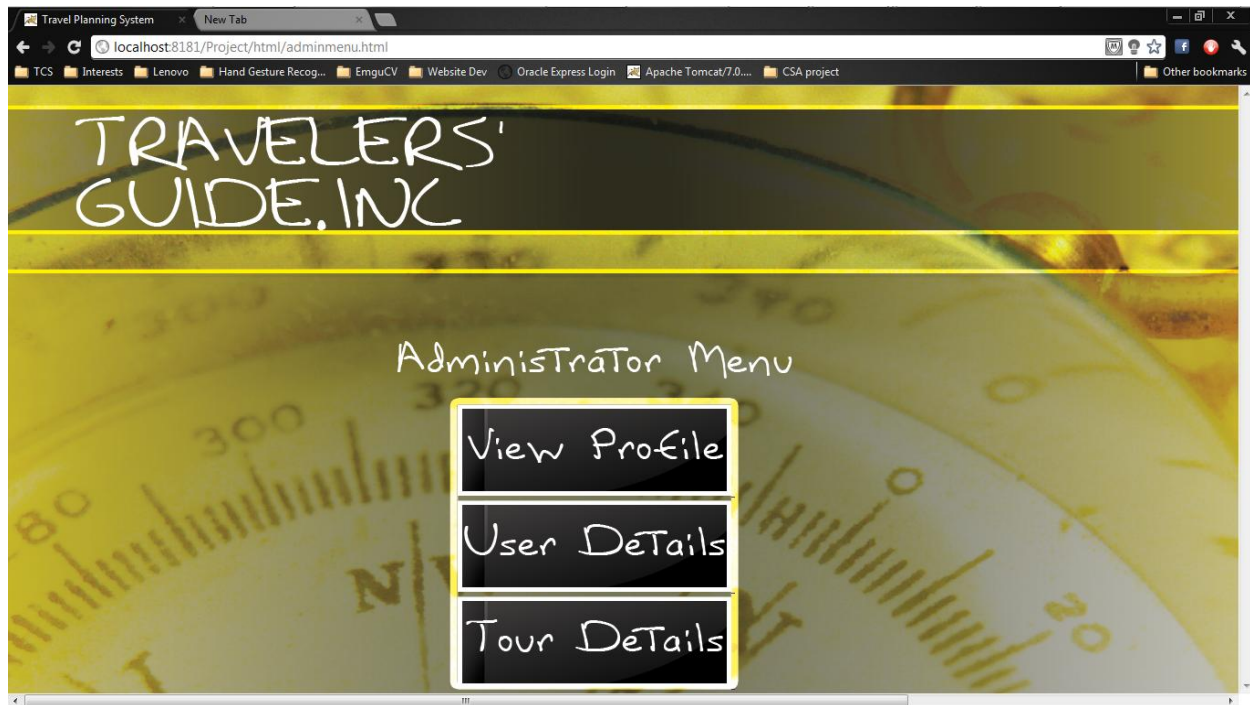
MEMBER DETAILS

Vishwa Desai	21/3/1991
Saumil Pandya	15/2/1991
Keyur Gosai	23/6/1990

TARRIE DETAILS

Package Tarriff(per Person)	Number Of Members	Total
Rs.17999	3	Rs.53997

Print



Travel Planning System

localhost:8181/Project/html/adminUserBooking.html

TCS Interests Lenovo Hand Gesture Recog... EmguCV Website Dev Oracle Express Login Apache Tomcat/7.0... CSA project Other bookmarks

TRAVELERS' GUIDE.INC

Name	Package Name	Booking Date/Time	Seats	Phone No.
vishwa desai	Sizzling North	2012-04-09 15:33:35.0	1	9898989898
vishwa desai	Kaziranga Park	2012-04-09 16:09:56.0	1	9898989898
vishwa desai	Eastern Trident	2012-04-09 15:59:47.0	1	9898989898
vishwa desai	End of the World	2012-04-09 16:02:31.0	1	9898989898
vishwa desai	Kerala Alive	2012-04-09 16:12:27.0	1	9898989898
saumil pandya	Golden Triangle	2012-04-09 01:30:21.0	2	9998002462
saumil pandya	Tiger Den-Corbett	2012-04-09 04:39:55.0	1	9998002462
saumil pandya	Amazing Peaks	2012-05-11 14:22:43.0	1	9998002462
saumil pandya	Royal Trip	2012-05-11 14:27:09.0	2	9998002462
saumil pandya	Amazing Reefs	2012-04-09 02:24:56.0	1	9998002462
saumil pandya	Kerala Alive	2012-05-11 17:39:51.0	3	9998002462

Print

Travel Planning System

localhost:8181/Project/html/adminPackage.html

TCS Interests Lenovo Hand Gesture Recog... EmguCV Website Dev Oracle Express Login Apache Tomcat/7.0... CSA project Other bookmarks

TRAVELERS' GUIDE.INC

Package Name	Locations	Region	Available Seats	Tariff
Golden Triangle	Delhi-Agra-Jaipur	North	98	8999
Sizzling North	Shimla-Manali-Delhouise	North	99	9999
Tiger Den-Corbett	Corbett	North	99	7999
Amazing Peaks	Nainital-Dharamshala-Rishikesh	North	99	14999
Royal Trip	Delhi-Agra-Shimla-Manali	North	98	18999
Vibrant Gujarat	Kutch-Gir-Dwarka	West	100	8999
The Tidal Shore	Somnath-Diu	West	100	6999
Amazing Reefs	Mumbai-Pune-Ajantha	West	99	11999
Relics of Rajasthan	Mt Abu-Udaipur-Ajmer	West	100	9999
Vintage Maharashtra	Mumbai-Pune-Mahabaleshwar	West	100	7999
Cities of Horizon	Kolkata-Puri-Bhubeshwar	East	100	8999
Cradle of Himalayas	Dargeeling-Kathmandu-Gangtok	East	100	16999
Kaziranga Park	Kaziranga park	East	99	11999
Eastern Trident	Periyar-Konark-Bhubneshwar	East	99	9999
Incredible Benches	Goa-mahabaleshwar	South	100	7999
The Southern Parks	Goa-Mangalore-Mangalore	South	100	8000

Print

➤ 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 10g 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.