

TRAVEL & TOURISM MANAGEMENT SYSTEM



WELCOME



A PROJECT REPORT

ON

“TRAVEL AND TOURISM MANAGEMENT SYSTEM”



Submitted to
DEPARTMENT OF BACHELOR OF COMPUTER APPLICATION
N.C AUTONOMOUS COLLEGE,JAJPUR



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DECLARATION

I here declare that the project work entitled "**Travel and Tourism Management System**" submitted to Department of Self-financing (N.C Autonomous College, Jajpur) Is prepared by me and my team. All the project complete is for my team's personal efforts.

Date : 26/02/2024

Place : N.C(AUTO)College , Jajpur

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CERTIFICATE

This is certify that the project entitled "**Travel and Tourism Management System**" Submitted by **DEBASHISH SAMAL** , Roll no :**BCA-SF-21-038** in partial fulfilment of the requirement BCA 6TH semester project in record of bonfire work carried out by them under my supervision and guidance.

During this period of project work have sincerely and fully dedicated to their project . Their character and conduct is good to best of knowledge.

Project guide

Mr.Sadiq Khan

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ABSTRACT

“Travel and Tourism Management System” website is revealed to provide the best traveling assistance to customers and travel agencies. Tour Management system is a dynamic website for tourism business. This tourism application is designed for both travel agencies or tourist by which they can manage or book different tour packages based on the destinations. By using this, the tour company can tailor tour packages spanning various destinations at almost every price point. The also implemented search module allows the administrator to find and update or upgrade the tour packages with ease. This module can also even be extended to a customer application page by which customers can find the right tour package for them at every budget, depending on the tour locations. The main purpose is to help tourism companies to manage tour packages. The system can also be used for both professional and business trips. The proposed system maintains a centralized repository to make necessary travel arrangements and to retrieve information easily.

CONTACT INFORMATION

Project Name : TRAVEL AND TOURISM MANAGEMENT SYSTEM

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION TO DBMS

Database is a collection of related data and data is collection of facts and figure that can be procedure information.

Mostly data represents recordable facts. Data aids in producing information, which is based on facts. For example, if we have data about marks obtained by all students, we can then conclude about toppers and average marks.

A Database management system stores data in such a way that it becomes easier to retrieve, manipulate, and produce information.

Characteristics of Database Management System:

Traditionally, data was organized in file formats. DBMS was a new concept then, and all the research was done to make it overcome the deficiencies in traditional style of data management. A modern DBMS has the following characteristics,

- Real-word entity
- Relation-based tables
- Isolation of data and application
- Less redundancy
- Consistency
- Query language
- ACID Properties
- Multiple views
- Multi users and concurrent access
- Security

Advantages and Disadvantages of DBMS:

Advantages:

- **Reduction of Redundancy:** This is perhaps the most significant advantage of using DBMS. Redundancy creates several problems like, requiring extra storage space, entering same data more than once during data insertion, and deleting data from more than one place during deletion.
- **Sharing of Data:** In paper-based record keeping, data cannot be shared among many users. But in DBMS, many users can share the same database if they are connected via network.

Features:

- Minimum Duplication and Redundancy.
- Saves Storage Space and Cost.
- Large Database Maintenance.
- Provides High Level of Security.
- Permanent Storage of Data.
- Multi-user access.

1.2 ABOUT SQL

SQL is a language to operate database; it includes database creation, deletion, fetching rows, modifying rows, etc. SQL is an ANSI (American National Standards Institute) standard language, but there are many different versions of SQL language.

What is SQL:

SQL is a Structured Query Language, which is a computer language for storing, manipulating and retrieving data stored in a relation database.

SQL is the standard language for Relational Database System. All the Relation Database Management System (RDBMS) like My SQL, MS Access, Oracle, Sybase, Informix, Postgres and SQL Server use SQL as their standard database language.

Why SQL?

SQL is widely popular because it offers the following advantages:

- Allows user to access data in the RDBMS.
- Allows the user to describe the data.
- Allows user to create and drop database and table.
- Allows user to set permission on table, procedures and views.
- Allows user to create view, stored procedure, function in a database.
Allows user to define data in a database and manipulate that data.
- Allows to embed within other language using SQL modules, libraries and precompilers

Brief history of SQL:

- 1970 – Dr. Edgar F. “Ted” Codd of IBM is known as the father of RDBMS. He described the relational model for database.
- 1974 – Structured Query Language appeared.
- 1978 – IBM worked to develop Codd’s ideas and released a product named System/R.
- 1986 – IBM developed the first prototype of relational database and standardized by ANSI. The first relational database was released by Relational Software which later came to be known as ORACLE.

SQL Commands:**1) TABLE 1.2.1: DDL – Data Definition Language**

| Commands | Description |
|-----------------|--|
| CREATE | Creates a new table. |
| ALTER | Modifies an existing database objects, such as tables. |
| DROP | Deletes the table, a view or other objects of the table. |

2) TABLE 1.2.2: DML – Data Manipulation Language

| Commands | Description |
|-----------------|--|
| SELECT | Retrieves certain records from one or more tables. |
| INSERT | Creates a record. |
| UPDATE | Modifies the record. |
| DELETE | Deletes records. |

3) TABLE 1.2.3: DCL – Data Control Language

| Commands | Description |
|-----------------|--|
| GRANT | Gives a privilege to the user. |
| REVOKE | Takes back privileges granted from user. |

1.3 USER INTERFACE DESIGN

1.3.1 GRAPHICAL USER INTERFACES

A graphical user interface (GUI) is a type of interface that allows users to interact with electronic devices or programs through graphical icons and visual indicators such as secondary notation, as opposed to text-based interfaces, typed command labels or text navigation. GUIs are easier to learn than command-line interfaces (CLIs), which require commands to be typed on the keyboard.

Third-party proprietary and free graphical administration applications (or "front ends") are available that integrate with MySQL and enable users to work with database structure and data visually. Some well-known front ends are:

MySQL Workbench

MySQL Workbench is the official integrated environment for MySQL. It was developed by MySQL AB, and enables users to graphically administer MySQL databases and visually design database structures. MySQL Workbench replaces the previous package of software, MySQL GUI Tools. Similar to other third-party packages, but still considered the authoritative MySQL front end, MySQL Workbench lets users manage database design & modelling, SQL development (replacing MySQL Query Browser) and Database administration (replacing MySQL Administrator).

MySQL Workbench is available in two editions, the regular free and open source Community Edition which may be downloaded from the MySQL website, and the proprietary Standard Edition which extends and improves the feature set of the Community Edition.

1.3.2 COMMAND LINE INTERFACES

A command-line interface is a means of interacting with a computer program where the user issues commands to the program by typing in successive lines of text (command lines). MySQL ships with many command line tools, from which the main interface is the MySQL client.

MySQL Utilities is a set of utilities designed to perform common maintenance and administrative tasks. Originally included as part of the MySQL Workbench, the utilities are a stand-alone download available from Oracle.

1.4 INTRODUCTION TO JAVA:

Java is a programming language created by James Gosling from Sun Microsystems (Sun) in 1991. The target of Java is to write a program once and then run this program on multiple operating systems. The first publicly available version of Java (Java 1.0) was released in 1995. Sun Micro systems was acquired by the Oracle Corporation in 2010. Oracle has now the steer Manship for Java. In 2006 Sun started to make Java available under the GNU General Public License (GPL). Oracle continues this project called OpenJDK. Over time new enhanced versions of Java have been released. The current version of Java is Java 1.8 which is also known as Java 8. Java is defined by a specification and consists of a programming language, a compiler, core libraries and a runtime (Java virtual machine). The Java runtime allows software developers to write program code in other languages than the Java programming language which still runs on the Java virtual machine. The Java platform is usually associated with the Java virtual machine and the Java core libraries.

1.4.1 MAIN FEATURES OF JAVA:

Java is a platform independent language

Compiler(java) converts source code (.java file) to the byte code (.class file). As mentioned above, JVM executes the bytecode produced by compiler. This byte code can run on any platform such as Windows, Linux, Mac OS etc. Which means a program that is compiled on windows can run on Linux and vice-versa. Each operating system has different JVM, however the output they produce after execution of bytecode is same across all operating systems. That is why we call java as platform independent language.

Java is an Object-Oriented language

Object oriented programming is a way of organizing programs as collection of objects, each of which represents an instance of a class.

4 main concepts of Object-Oriented programming are:

1. Abstraction
2. Encapsulation
3. Inheritance
4. Polymorphism

Simple :

Java is considered as one of simple language because it does not have complex features like Operator overloading, Multiple inheritance, pointers and Explicit memory allocation.

Robust Language :

Robust means reliable. Java programming language is developed in a way that puts a lot of emphasis on early checking for possible errors, that's why java compiler is able to detect errors that are not easy to detect in other programming languages. The main features of java that makes it robust are garbage collection, Exception Handling and memory allocation.

Secure :

We don't have pointers and we cannot access outof bound arrays (you get `ArrayIndexOutOfBoundsException` if you try to do so) in java. That's why several security flaws like stack corruption or buffer overflow is impossible to exploit in Java.

Java is distributed :

Using java programming language, we can create distributed applications. RMI (Remote Method Invocation) and EJB (Enterprise Java Beans) are used for creating distributed applications in java. In simple words: The java programs can be distributed on more than one system that are connected to each other using internet connection. Objects on one JVM (java virtual machine) can execute procedures on a remote JVM.

Multithreading :

Java supports multithreading. Multithreading is a Java feature that allows concurrent execution of two or more parts of a program for maximum utilization of CP

Portable :

As discussed above, java code that is written on one machine can run on another machine. The platform independent byte code can be carried to any platform for execution that makes java code portable.

1.5 INTRODUCTION TO IDE:

IDE is a free, open source, integrated development environment (IDE) that enables you to develop desktop, mobile and web applications. The IDE supports application development in various languages, including Java, HTML5, PHP and C++. The IDE provides integrated support for the complete development cycle, from project creation through debugging, profiling and deployment. The IDE runs on Windows, Linux, Mac OS X, and other UNIX-based systems.

The IDE provides comprehensive support for JDK 7 technologies and the most recent Java enhancements. It is the first IDE that provides support for JDK 7, Java EE 7, and JavaFX 2. The IDE fully supports Java EE using the latest standards for Java, XML, Web services, and SQL and fully supports the Glassfish Server, the reference implementation of Java EE.

Eclipse is an integrated development environment (IDE) for developing applications using the Java programming language and other programming languages such as C/C++, Python, PERL, Ruby etc.

The Eclipse platform which provides the foundation for the Eclipse IDE is composed of plugins and is designed to be extensible using additional plug-ins. Developed using Java, the Eclipse platform can be used to develop rich client applications, integrated development environments and other tools. Eclipse can be used as an IDE for any programming language for which a plugin is available.

1.5.1 INTRODUCTION TO JDBC:

Java Database Connectivity (JDBC) is an application programming interface (API) for the programming language Java, which defines how a client may access a database. It is Java based data access technology and used for Java database connectivity. It is part of the Java Standard Edition platform, from Oracle Corporation. It provides methods to query and update data in a database, and is oriented towards relational databases.

1.6 PROJECT DESCRIPTION:

The main objective of the Tourism Management System is to manage the details of Customer, Hotel Booking, Cancellation and Tourism places. It manages all the information about Users, Hotel, Packages etc. The project is totally built at administrative end and thus only the administrator is guaranteed the access to the backend database. The purpose of this project is to build an application program to reduce the manual work for managing Tourists, Booking, Places etc.

This application will help in accessing the information related to the travel to the particular destination with great ease. The users can track the information related to their tours with great ease through this application. The travel agency information can also be obtained through this application.

- Through this system, the propose system is highly automated and makes the travelling activities much easier and flexible. The user can get the very right information at the very right time. This system will include all the necessary fields which are required during online reservation time. This system will be easy to use and can be used by any person. The basic idea behind this project is to save data in a central database which can be accessed by any authorize person to get information and saves time and burden which are being faced by their customers.
- Administrator can access and modify the information stored in the database of this system, this includes adding and updating of details, and it will give accurate information and simplifies manual work and also it minimizes the documentation related work. Provides up to date information. Finally booking confirmation notification will be send to the users.
- Tourists can register by providing personal details, make new reservation and book only one hotel and package and can make cancellation.

CHAPTER 2

REQUIREMENTS SPECIFICATION

2.1 SOFTWARE SPECIFICATION

- Operating system: Microsoft windows 10.
- Integrated Development Environment: Netbeans
- MySQL Command Line Client
- Programming language: JAVA

2.2 HARDWARE SPECIFICATION

- System type: 64-bit Operating System, x64-bassed processor.
- Installed memory (RAM):8.00 GB (7.43 GB Usable)
- Total size of Hard disk: 1 TB

CHAPTER 3

SYSTEM DESIGN

3.1 INTRODUCTION

System design is the process of defining the elements of a system such as the architecture, modules and components, the different interfaces of those components and the data that goes through that system. It is meant to satisfy specific needs and requirements of a business or organization through the engineering of a coherent and well-running system.

System designing in terms of software engineering has its own value and importance in the system development process as a whole. To mention it may though seem as simple as anything or

simply the design of systems, but in a broader sense it implies a systematic and rigorous approach to design such a system which fulfils all the practical aspects including flexibility, efficiency and security. Before there is any further discussion of system design, it is important that some points be made clear. As it goes without saying that nothing is created that is not affected by the world in which it's made. So, the systems are not created in a vacuum.

They are created in order to meet the needs of the users. They are not only intended to solve the existing problems, but they also come up with acceptable solutions to the problems that may arise in the future. The whole process of system development, from blueprint to the actual product, involves considering all the relevant factors and taking the required specifications and creating a useful system based on strong technical, analytical and development skills of the professionals.

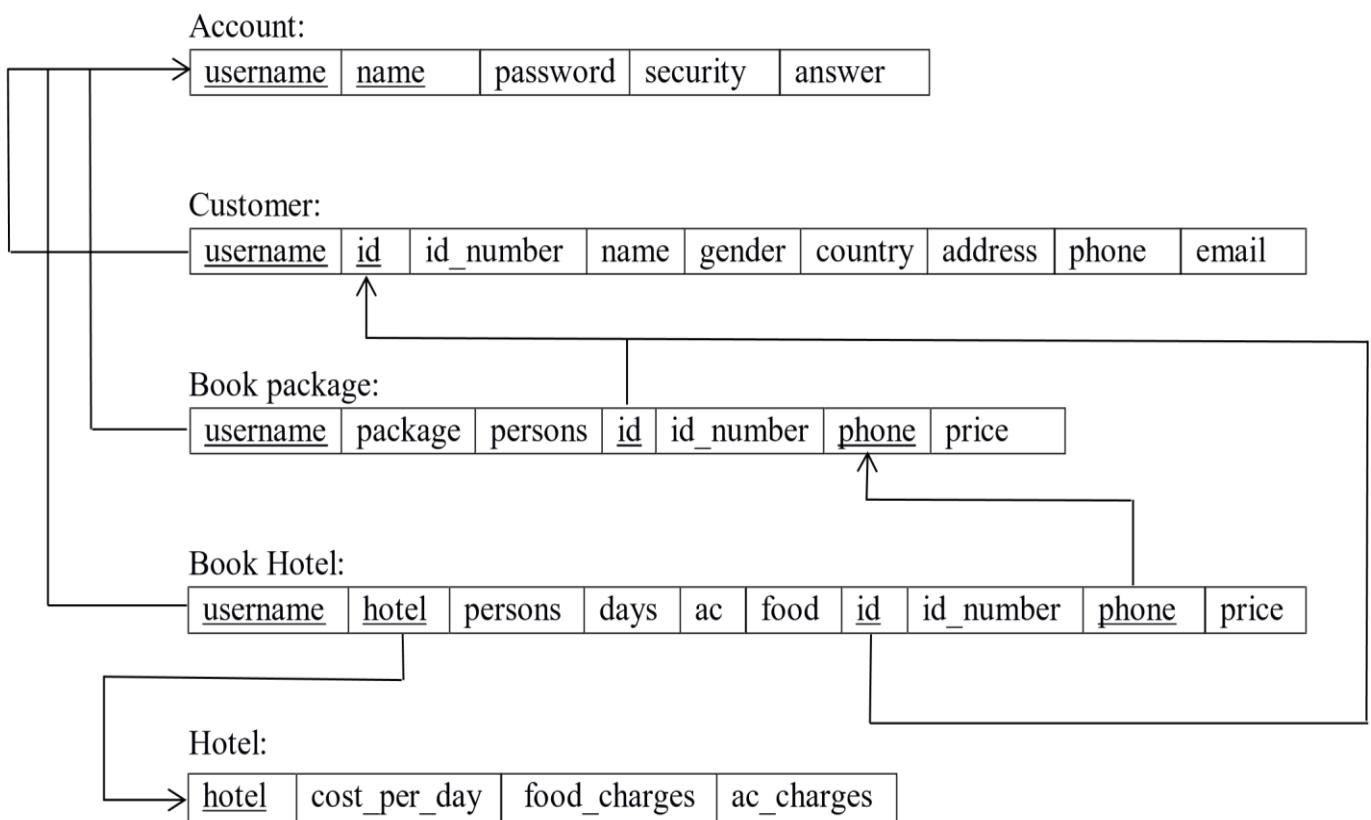
Let's get back to our discussion about what the system design phase is and the importance of system design in the process of system development. Being another important step in the system development process, system designing phase commences after the system analysis phase is completed. It's appropriate to mention that the output or the specifications taken through the phase of system analysis become an input in the system design phase which in turn leads to workout based on the user defined estimations.

The importance of this phase may be understood by reason of the fact that it involves identifying data sources, the nature and type of data that is available. For example, in order to design a salary system, there is a need for using inputs, such as, attendance, leave details, additions or deductions etc. This facilitates understanding what kind of data is available and by whom it is supplied to the system so that the system may be designed considering all the relevant factors. In addition, system designing leads to ensure that the system is created in such a way that it fulfils the need of the users and keep them at ease being user-oriented.

3.2 SCHEMA DIAGRAM:

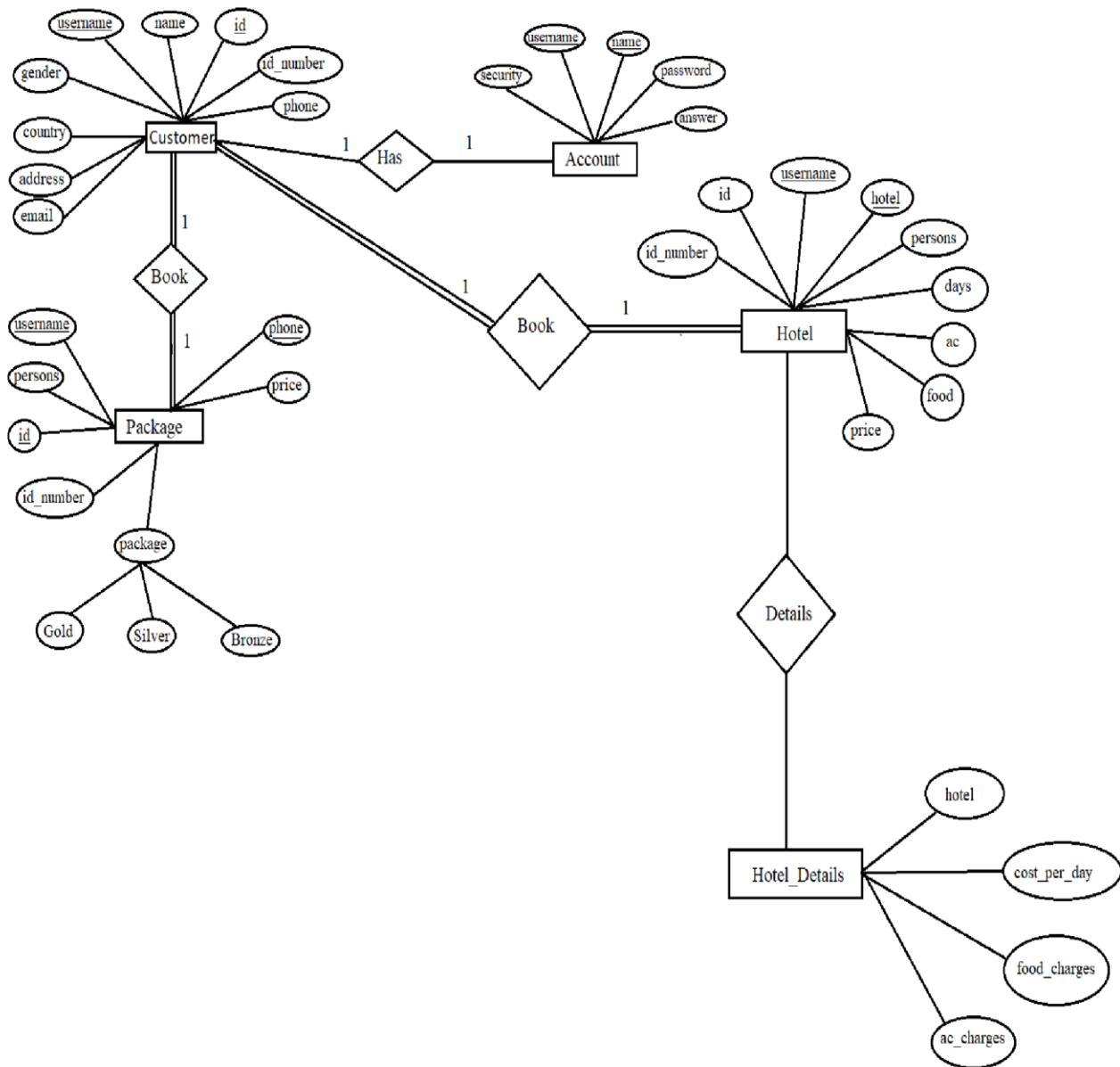
A database schema is the skeleton structure that represents the logical view of the entire database. It defines how the data is organized and how the relations among them are associated. It formulates all the constraints that are to be applied on the data.

A database schema defines its entities and the relationship among them. It contains a descriptive detail of the database, which can be depicted by means of schema diagrams. It's the database designers who design the schema to help programmers understand the database and make it useful.



3.3 E R DIAGRAM:

ER Diagram stands for Entity Relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database. In other words, ER diagrams help to explain the logical structure of databases. ER diagrams are created based on three basic concepts: entities, attributes and relationships. ER Diagrams contain different symbols that use rectangles to represent entities, ovals to define attributes and diamond shapes to represent relationships.



The above figure represents the ER Diagram

IMPLEMENTATION

4.1 DESCRIPTION OF TABLES :

TABLE 4.1.1: ACCOUNT:

| Field | Type | Null | Key | Default | Extra |
|----------|-------------|------|-----|---------|-------|
| Username | Varchar(30) | NO | PRI | NULL | |
| Name | Varchar(30) | NO | PRI | NULL | |
| password | Varchar(30) | NO | | NULL | |
| security | Varchar(30) | NO | | NULL | |
| Answer | Varchar(30) | NO | | NULL | |

TABLE 4.1.2: CUSTOMER:

| Field | Type | Null | Key | Default | Extra |
|-----------|-------------|------|-----|---------|-------|
| username | varchar(30) | NO | MUL | NULL | |
| id | varchar(30) | NO | PRI | NULL | |
| id_number | varchar(30) | NO | | NULL | |
| name | varchar(30) | NO | | NULL | |
| gender | varchar(30) | NO | | NULL | |
| country | varchar(30) | NO | | NULL | |
| address | varchar(30) | NO | | NULL | |
| phone | varchar(30) | NO | | NULL | |
| email | varchar(30) | NO | | NULL | |

TABLE 4.1.3: BOOK PACKAGE:

| Field | Type | Null | Key | Default | Extra |
|-----------|-------------|------|-----|---------|-------|
| username | varchar(30) | NO | MUL | NULL | |
| package | varchar(30) | NO | | NULL | |
| persons | int(10) | NO | | NULL | |
| id | varchar(30) | NO | MUL | NULL | |
| id_number | varchar(30) | NO | | NULL | |
| phone | varchar(30) | NO | PRI | NULL | |
| price | varchar(30) | NO | | NULL | |

TABLE 4.1.4: BOOK HOTEL:

| Field | Type | Null | Key | Default | Extra |
|-----------|-------------|------|-----|---------|-------|
| username | varchar(30) | NO | MUL | NULL | |
| hotel | varchar(30) | NO | MUL | NULL | |
| persons | int(10) | NO | | NULL | |
| days | int(10) | NO | | NULL | |
| Ac | varchar(30) | NO | | NULL | |
| food | varchar(30) | NO | | NULL | |
| Id | varchar(30) | NO | MUL | NULL | |
| id_number | varchar(30) | NO | | NULL | |
| phone | varchar(30) | NO | MUL | NULL | |
| price | varchar(30) | NO | | NULL | |

TABLE 4.1.5: HOTEL:

| Field | Type | Null | Key | Default | Extra |
|--------------|-------------|------|-----|---------|-------|
| hotel | varchar(30) | NO | PRI | NULL | |
| cost_per_day | int(10) | NO | | NULL | |
| food_charges | int(10) | NO | | NULL | |
| ac_charges | Int(10) | NO | | NULL | |

UML Diagram :

Class Diagram :

4.4.3 UML Diagram

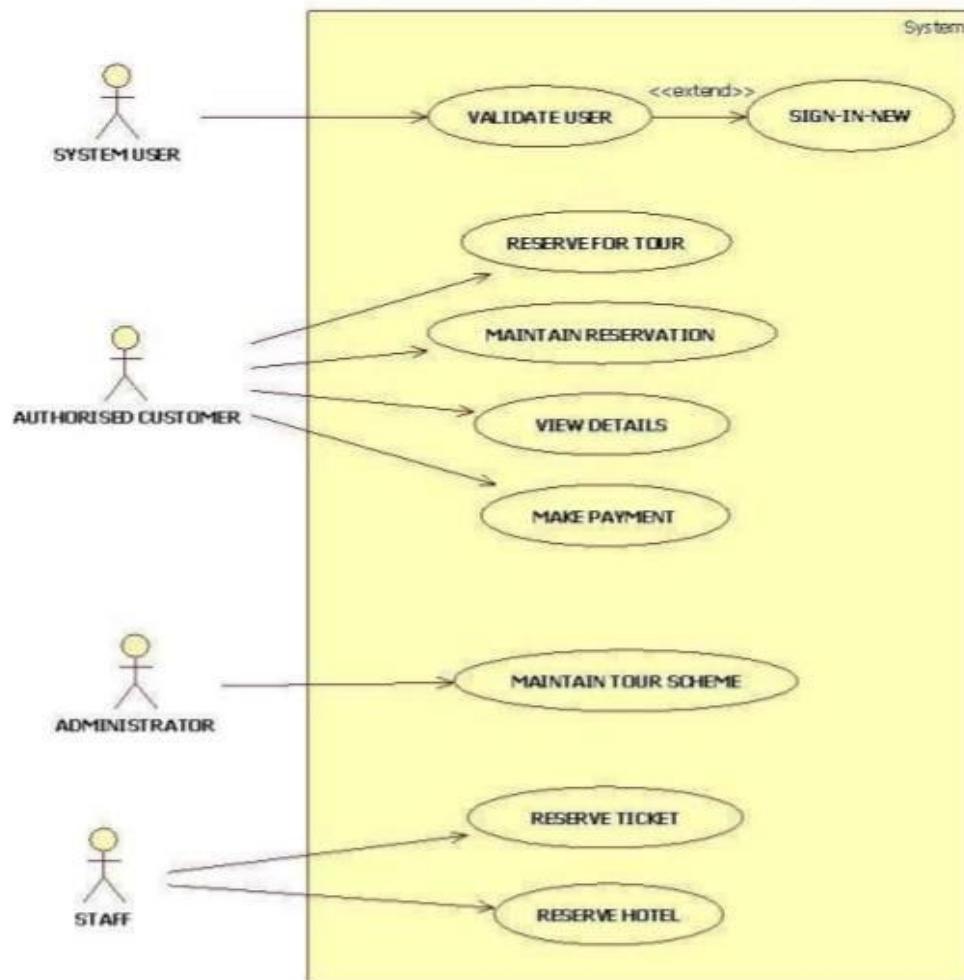
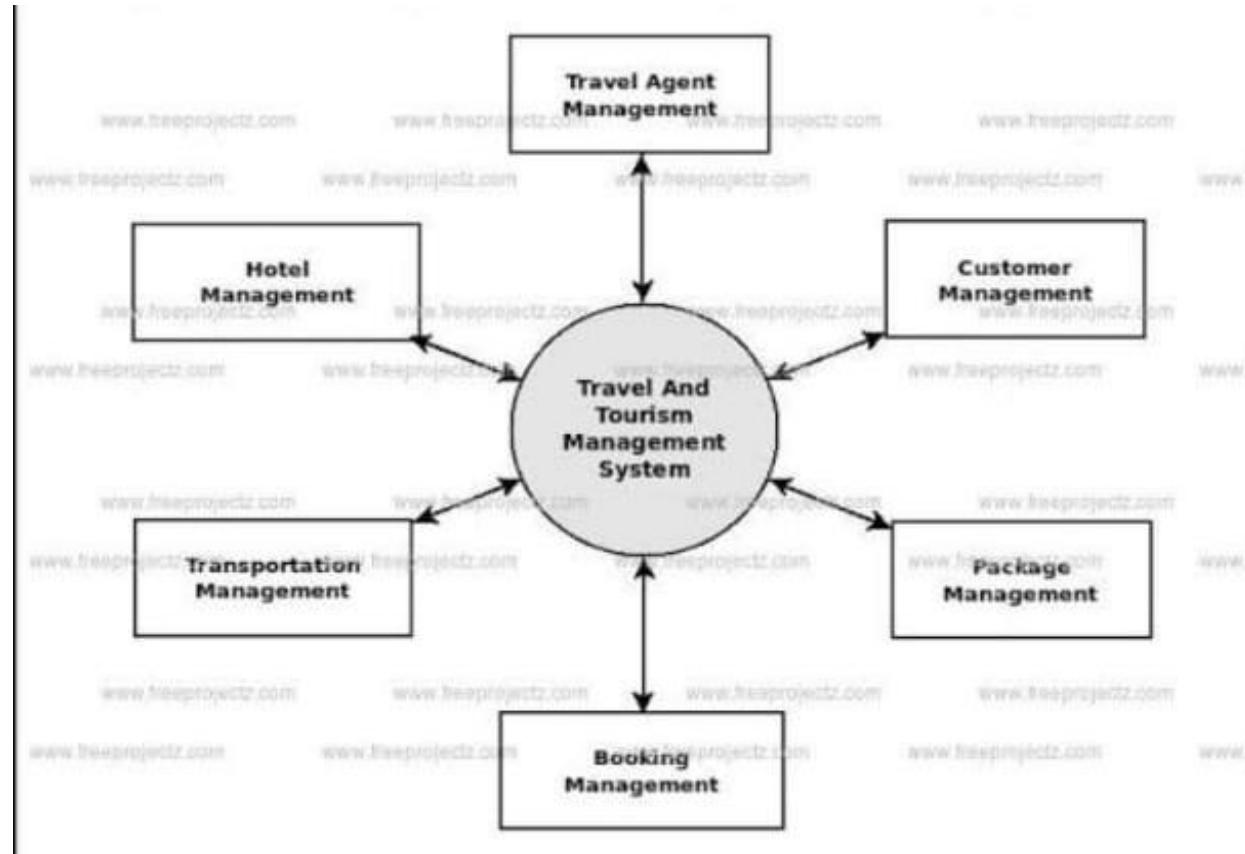
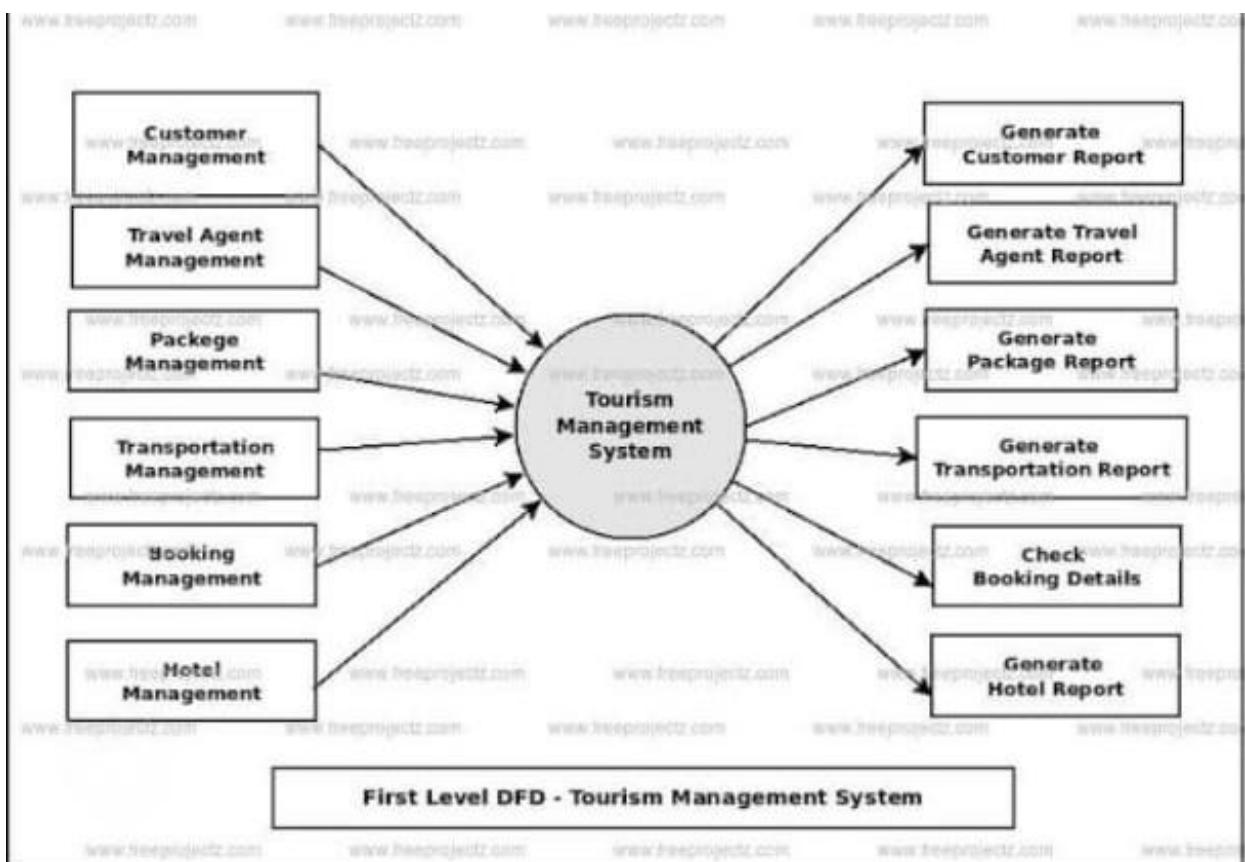


Fig 4.4.2 UML Diagram

The above figure represents the UML diagram of the project.

❖ DATA FLOW DIAGRAM :



4.1 TRIGGERS AND STORED PROCEDURE:

TRIGGERS:

A trigger is a named database object that is associated with a table, and that activates when a particular event occurs for the table. Some uses for triggers are to perform checks of values to be inserted into a table or to perform calculations on values involved in an update.

A trigger is defined to activate when a statement inserts, updates, or deletes rows in the associated table. These row operations are trigger events. A trigger can be set to activate either before or after the trigger event. For example, you can have a trigger activate before each row that is inserted into a table or after each row that is updated.

TRIGGER USED IN THIS APPLICATION:

```
create trigger `trigger_on_login` after insert on `customer` for each row
insert into users(username,id,id_number,name,country,gender,address,phone,email)
values(NEW.username,NEW.id,NEW.id_number,NEW.name,NEW.country,NEW.gender,
NEW.address,NEW.phone,NEW.email);
```

STORED PROCEDURE:

A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again. So, if you have an SQL query that you write over and over again, save it as a stored procedure, and then just call it to execute it. You can also pass parameters to a stored procedure, so that the stored procedure can act based on the parameter value(s) that is passed.

The most important part is parameters. Parameters are used to pass values to the Procedure. There are 3 different types of parameters, they are as follows:

- **IN:** This is the Default Parameter for the procedure. It always receives the values from calling program.
- **OUT:** This parameter always sends the values to the calling program.
- **IN OUT:** This parameter performs both the operations. It Receives value from as well as sends the values to the calling program.

Stored Procedure used in above application:

To select all the data from customer table:

```
DELIMITER $$

CREATE DEFINER=`root`@`localhost` PROCEDURE `getCustomer`
BEGIN
SELECT * FROM CUSTOMER;
END;

DELIMITER;
```

CODING

//SPLASH

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;

public class Splash extends JFrame implements Runnable {
    Thread thread ;
    Splash() {
        /*setSize(1200, 600);
        setLocation(200,100);*/

        ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/splash.jpg"));
        Image i2 = i1.getImage().getScaledInstance(1200, 600, Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel image = new JLabel(i3);
        add(image);

        setVisible(true);
        thread = new Thread(this);
        thread.start();
    }

    public void run (){
        try {
            Thread.sleep(7000);
            // new Login();
            setVisible(false);
        }catch (Exception e) {

        }
    }
}

public static void main(String[] args)
{
    Splash frame = new Splash();

    int x =1;
    for(int i=1;i<=500;x+=7,i+=6)
    {
```

```
frame.setLocation(750-(x+i)/2,400-(i/2));
frame.setSize(x+i,i);
try {
    Thread.sleep(10);
} catch (Exception e) {}
}
}

}
```



//SIGNUP

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class Signup extends JFrame implements ActionListener{

    JButton create , back;
    JTextField tfname, tfusername,tfpassword,tfanswer;
    Choice security;
```

```
Signup() {  
setBounds(350,200,900,360);  
  
getContentPane().setBackground(Color.WHITE);  
setLayout(null);  
  
JPanel p1 = new JPanel();  
p1.setBackground(new Color(133,193,233));  
p1.setBounds(0,0,500,400);  
p1.setLayout(null);  
add(p1);  
  
JLabel lblusername = new JLabel("Username");  
lblusername.setFont(new Font("Tahoma",Font.BOLD, 14));  
lblusername.setBounds(50,20,125,25);  
p1.add(lblusername);  
  
tfusername = new JTextField();  
tfusername.setBounds(190,20,180,25);  
tfusername.setBorder( BorderFactory.createEmptyBorder());  
p1.add(tfusername);  
  
JLabel lblname = new JLabel("Name");  
lblname.setFont(new Font("Tahoma",Font.BOLD, 14));  
lblname.setBounds(50,60,125,25);  
p1.add(lblname);  
  
tfname = new JTextField();  
tfname.setBounds(190,60,180,25);  
tfname.setBorder( BorderFactory.createEmptyBorder());  
p1.add(tfname);  
  
JLabel lblpassword = new JLabel("Password");  
lblpassword.setFont(new Font("Tahoma",Font.BOLD, 14));  
lblpassword.setBounds(50,100,125,25);  
p1.add(lblpassword);  
  
tfpassword = new JTextField();  
tfpassword.setBounds(190,100,180,25);  
tfpassword.setBorder( BorderFactory.createEmptyBorder());  
p1.add(tfpassword);  
  
JLabel lblsecurity = new JLabel("Security Question");  
lblsecurity.setFont(new Font("Tahoma",Font.BOLD, 14));  
lblsecurity.setBounds(50,140,125,25);
```

```
p1.add(lblsecurity);
security = new Choice();
security.add("Fav Character from The Boys");
security.add("Fav Marvel Superhero");
security.add("Your Lucky Number");
security.add("Your Childhood Superhero");
security.setBounds(190,140,180,25);
p1.add(security);

JLabel lblanswer = new JLabel("Answer");
lblanswer.setFont(new Font("Tahoma",Font.BOLD, 14));
lblanswer.setBounds(50,180,125,25);
p1.add(lblanswer);

tfanswer = new JTextField();
tfanswer.setBounds(190,180,180,25);
tfanswer.setBorder( BorderFactory.createEmptyBorder());
p1.add(tfanswer);

create = new JButton("Create");
create.setBackground(Color.WHITE);
create.setForeground(new Color(133,193,233));
create.setFont(new Font("Tahoma",Font.BOLD,14));
create.setBounds(80,250,100,30);
create.addActionListener(this);
p1.add(create);

back = new JButton("Back");
back.setBackground(Color.WHITE);
back.setForeground(new Color(133,193,233));
back.setFont(new Font("Tahoma",Font.BOLD,14));
back.setBounds(250,250,100,30);
back.addActionListener(this);
p1.add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/signup.png"));
Image i2 = i1.getImage().getScaledInstance(200,200 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(580,50,250,250);
add(image);

setVisible(true);
}
public void actionPerformed(ActionEvent ae) {
if(ae.getSource() == create) {
```

```
String username = tfusername.getText();
String name = tfname.getText();

String password = tfpassword.getText();
String question = security.getSelectedItem();
String answer = tfanswer.getText();
String query = "insert into account

values(""+username+"','"+name+"','"+password+"','"+question+"','"+answer+"')";

try {
    Conn c = new Conn();
    c.s.executeUpdate(query);

    JOptionPane.showMessageDialog(null,"Account Created Successfully");

    setVisible(false);
    new Login();

}catch (Exception e){
    e.printStackTrace();
}

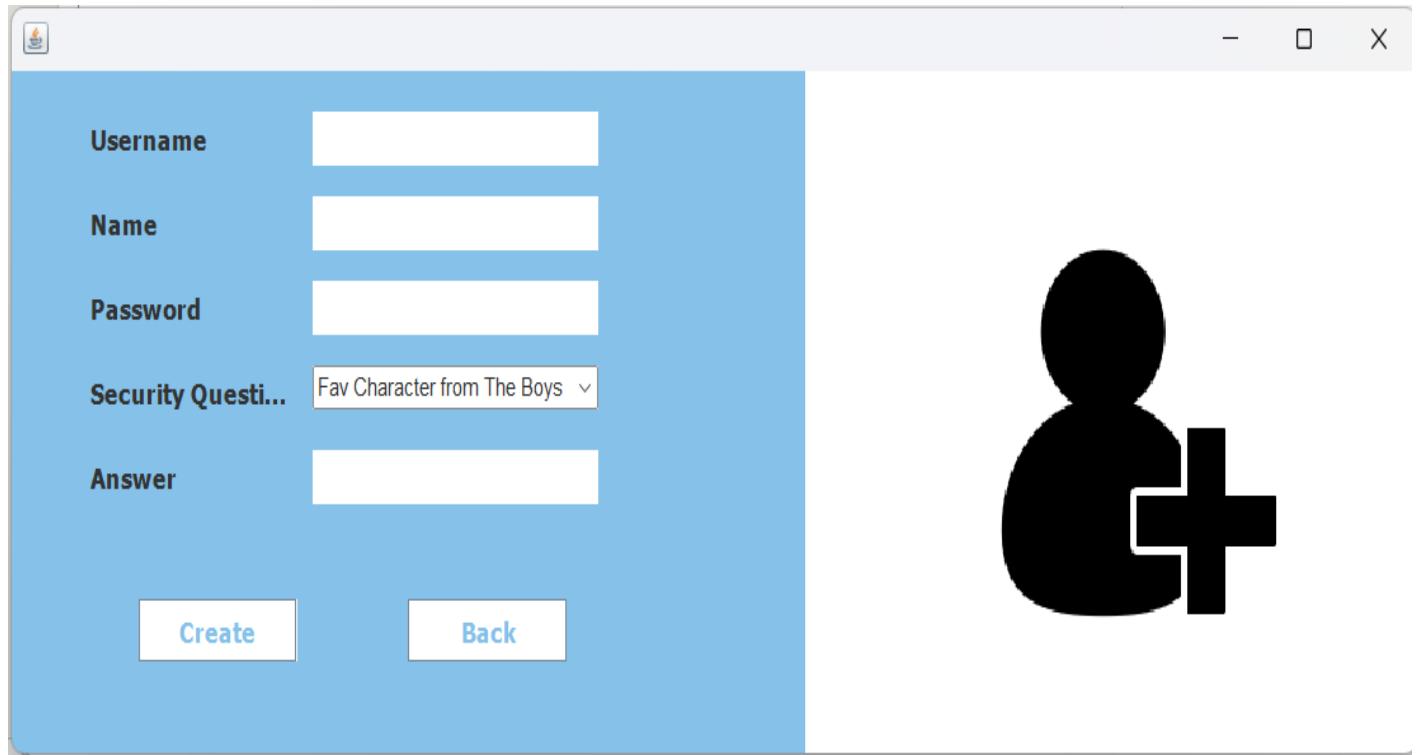
} else if(ae.getSource()==back){
    setVisible(false);
    new Login();

}

}

public static void main(String[] args)
{
    new Signup();
}

}
```



//LOGIN

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import javax.swing.border.*;
import java.awt.event.*;
import java.sql.*;

public class Login extends JFrame implements ActionListener {

    JButton login,signup,password;
    JTextField tfpassword, tfusername ;

    Login() {
        setSize(900,400);
        setLocation(350,200);
        setLayout(null);

        getContentPane().setBackground(Color.WHITE);

        JPanel p1=new JPanel();
        p1.setBackground(new Color(131,193,233));
        p1.setBounds(0 , 0 , 400, 400);
```

```
p1.setLayout(null);
add(p1);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/Login.png"));
Image i2 = i1.getImage().getScaledInstance(200,200 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(100,120,200,200);
p1.add(image);

JPanel p2 = new JPanel();
p2.setLayout(null);
p2.setBounds( 400, 30,450,300);
add(p2);

JLabel lblusername = new JLabel("Username");
lblusername.setBounds(60,20,100,25);
lblusername.setFont(new Font("SAN_SERIF",Font.PLAIN,20));
p2.add(lblusername);

tfusername = new JTextField();
tfusername.setBounds(60,60,300,30);
tfusername.setBorder(BorderFactory.createEmptyBorder());
p2.add(tfusername);

JLabel lblpassword = new JLabel("Password");
lblpassword.setBounds(60,110,100,25);
lblpassword.setFont(new Font("SAN_SERIF",Font.PLAIN,20));
p2.add(lblpassword);

tfpassword = new JTextField();
tfpassword.setBounds(60,150,300,30);
tfpassword.setBorder(BorderFactory.createEmptyBorder());
p2.add(tfpassword);

login = new JButton("Login");
login.setBounds(60, 200, 130, 30);
login .setBackground(new Color(133,193,233));
login .setForeground(Color.WHITE);
login.setBorder(new LineBorder(new Color(133,193,233)));
login.addActionListener(this);
p2.add(login);
```

```
signup = new JButton("Signup");
signup.setBounds(230, 200, 130, 30);
signup.setBackground(new Color(133,193,233));
signup.setForeground(Color.WHITE);
signup.setBorder(new LineBorder(new Color(133,193,233)));
signup.addActionListener(this);
p2.add(signup);

password = new JButton("Forget Password");
password.setBounds(130, 250, 130, 30);
password.setBackground(new Color(133,193,233));
password.setForeground(Color.WHITE);
password.setBorder(new LineBorder(new Color(133,193,233)));
password.addActionListener(this);
p2.add(password);

JLabel text = new JLabel("Trouble in login... ");
text.setBounds(280,250,150,20);
text.setForeground(Color.RED);
p2.add(text);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {
    if (ae.getSource() == login){
        try {
            String username = tfusername.getText();
            String pass = tfpassword.getText();

            String query = "select * from account where username = '"+username+"' AND password =
"+pass+"'";
            Conn c = new Conn ();
            ResultSet rs = c.s.executeQuery(query);
            if(rs.next()){
                setVisible(false);
                new Loading (username);

            } else {
                JOptionPane.showMessageDialog(null,"Incorrect username or password");
            }
        } catch(Exception e) {
            e.printStackTrace();
        }
    }
}
```

```
    }
} else if (ae.getSource() == signup) {
    setVisible(false);
    new Signup();
} else {
    setVisible(false);
    new ForgetPassword();
}
}

public static void main (String [] args) {
    new Login();
}

}
```



//FORGET PASSWORD

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.sql.*;

public class ForgetPassword extends JFrame implements ActionListener
{
```

```
JTextField tfusername,tfname,tfquestion ,tfanswer,tfpassword;
JButton search, retrieve, back;

ForgetPassword() {
    setBounds(350,200,850,380);
    getContentPane().setBackground(Color.WHITE);
    setLayout(null);

    ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/forgotpassword.jpg"));
    Image i2 = i1.getImage().getScaledInstance(200,200 ,Image.SCALE_DEFAULT);
    ImageIcon i3=new ImageIcon(i2);
    JLabel image=new JLabel(i3);
    image.setBounds(580,70,200,200);
    add(image);

    JPanel p1=new JPanel();
    p1.setLayout(null);
    p1.setBounds(30,30,500,280);
    add(p1);

    JLabel lblusername = new JLabel("Username");
    lblusername.setFont(new Font("Tahoma",Font.BOLD, 14));
    lblusername.setBounds(40,20,100,25);
    p1.add(lblusername);

    tfusername = new JTextField();
    tfusername.setBounds(220,20,150,25);
    tfusername.setBorder( BorderFactory.createEmptyBorder());
    p1.add(tfusername);

    search = new JButton("Search");
    search.setBackground(Color.GRAY);
    search.setForeground(Color.WHITE);
    search.setBounds(380,20,100,25);
    search.addActionListener(this);
    p1.add(search);

    JLabel lblname = new JLabel("Name");
    lblname.setFont(new Font("Tahoma",Font.BOLD, 14));
    lblname.setBounds(40,60,100,25);
    p1.add(lblname);
```

```
tfname = new JTextField();
tfname.setBounds(220,60,150,25);
tfname.setBorder( BorderFactory.createEmptyBorder());
p1.add(tfname);

JLabel lblquestion = new JLabel("Security Question");
lblquestion.setFont(new Font("Tahoma",Font.BOLD, 14));
lblquestion.setBounds(40,100,150,25);
p1.add(lblquestion);

tfquestion = new JTextField();
tfquestion.setBounds(220,100,150,25);
tfquestion.setBorder( BorderFactory.createEmptyBorder());
p1.add(tfquestion);

JLabel lblanswer = new JLabel("Answer");
lblanswer.setFont(new Font("Tahoma",Font.BOLD, 14));
lblanswer.setBounds(40,140,150,25);

p1.add(lblanswer);

tfanswer = new JTextField();
tfanswer.setBounds(220,140,150,25);
tfanswer.setBorder( BorderFactory.createEmptyBorder());
p1.add(tfanswer);

retrieve = new JButton("Retrieve");
retrieve.setBackground(Color.GRAY);
retrieve.setForeground(Color.WHITE);
retrieve.setBounds(380,140,100,25);
retrieve.addActionListener(this);
p1.add( retrieve);

JLabel lblpassword = new JLabel("Password");
lblpassword.setFont(new Font("Tahoma",Font.BOLD, 14));
lblpassword.setBounds(40,180,150,25);
p1.add(lblpassword);

tfpassword = new JTextField();
tfpassword.setBounds(220,180,150,25);
tfpassword.setBorder( BorderFactory.createEmptyBorder());
p1.add(tfpassword);

back = new JButton("Back");
back.setBackground(Color.GRAY);
back.setForeground(Color.WHITE);
```

```
back.setBounds(150,230,100,25);
back.addActionListener(this);
p1.add(back);

setVisible(true);
}

public void actionPerformed(ActionEvent ae) {
if(ae.getSource() == search) {
try{
String query = "select * from account where username = '"+tfusername.getText()+"'";
Conn c = new Conn();

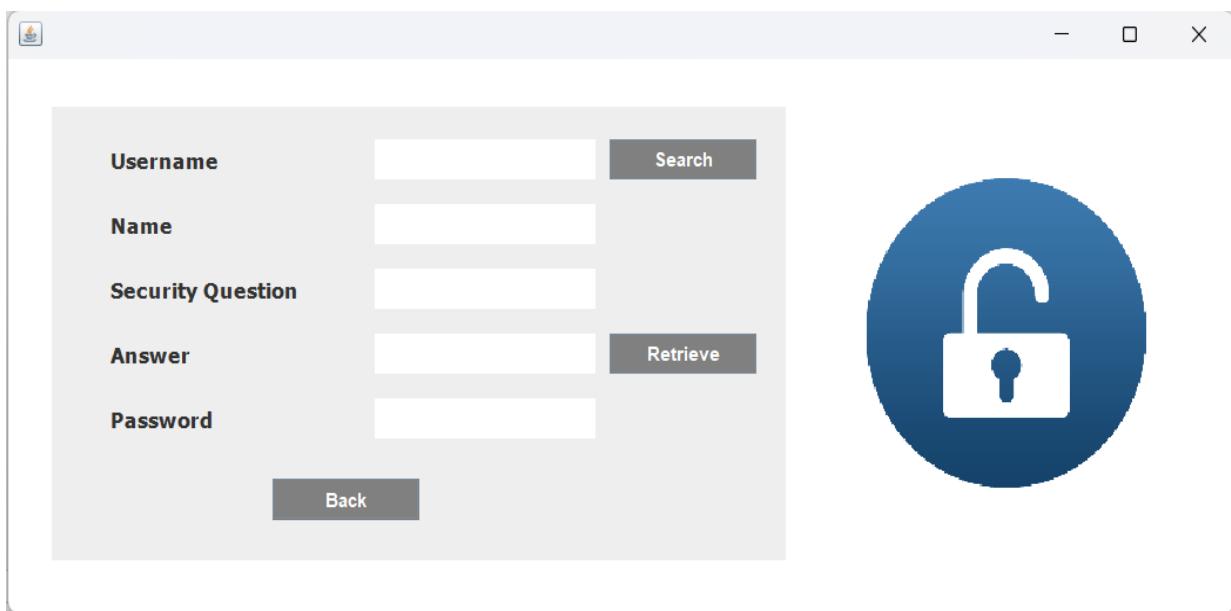
ResultSet rs = c.s.executeQuery(query);
while(rs.next()){
tfname.setText(rs.getString("name"));
tfquestion.setText(rs.getString("security"));
}
} catch(Exception e) {

e.printStackTrace();
}
} else if(ae.getSource() == retrieve){
try{
String query = "select * from account where answer = '"+tfanswer.getText()+"' AND username =
"" + tfusername.getText() + "'";
Conn c = new Conn();

ResultSet rs = c.s.executeQuery(query);
while(rs.next()){
tfpassword.setText(rs.getString("password"));

}
} catch(Exception e) {
e.printStackTrace();
}
} else {
setVisible(false);
new Login();
}
}

public static void main(String [] args) {
new ForgetPassword();
}
}
```



//CONN

```
package travel.and.tourism.management.system;

import java.sql.*;

public class Conn {

    Connection c;
    Statement s;

    Conn() {
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            c =
                DriverManager.getConnection("jdbc:mysql://localhost:3306/travelandtourismmanagementsystem","root"
                ,"sony");
            s = c.createStatement();
        } catch(ClassNotFoundException | SQLException e) {
    }
}
public static void main(String [] args) {
}
```

//LOADING

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;

public class Loading extends JFrame implements Runnable {
    Thread t;
    JProgressBar bar;
    String username;
    public void run() {
        try{
            for(int i = 1;i<=101;i++) {
                int max = bar.getMaximum();
                int value = bar.getValue();
                if (value<max){
                    bar.setValue(bar.getValue() + 1);
                }else{
                    setVisible(false);
                    new Dashboard(username);
                }
                Thread.sleep(50);
            }
        }catch(Exception e) {
            e.printStackTrace();
        }
    }

    Loading(String username){
        this.username = username;
        t=new Thread(this);

        setBounds(500,200,650,400);
        setVisible(true);
        getContentPane().setBackground(Color.WHITE);
        setLayout(null);

        JLabel text = new JLabel("Travel and Tourism Application");
        text.setBounds(50,20,600,40);
        text.setForeground(Color.BLUE);
        text.setFont(new Font("Raleway",Font.BOLD,35));
        add(text);

        bar = new JProgressBar();
        bar.setBounds(150,100,300,35);
        bar.setStringPainted(true);
```

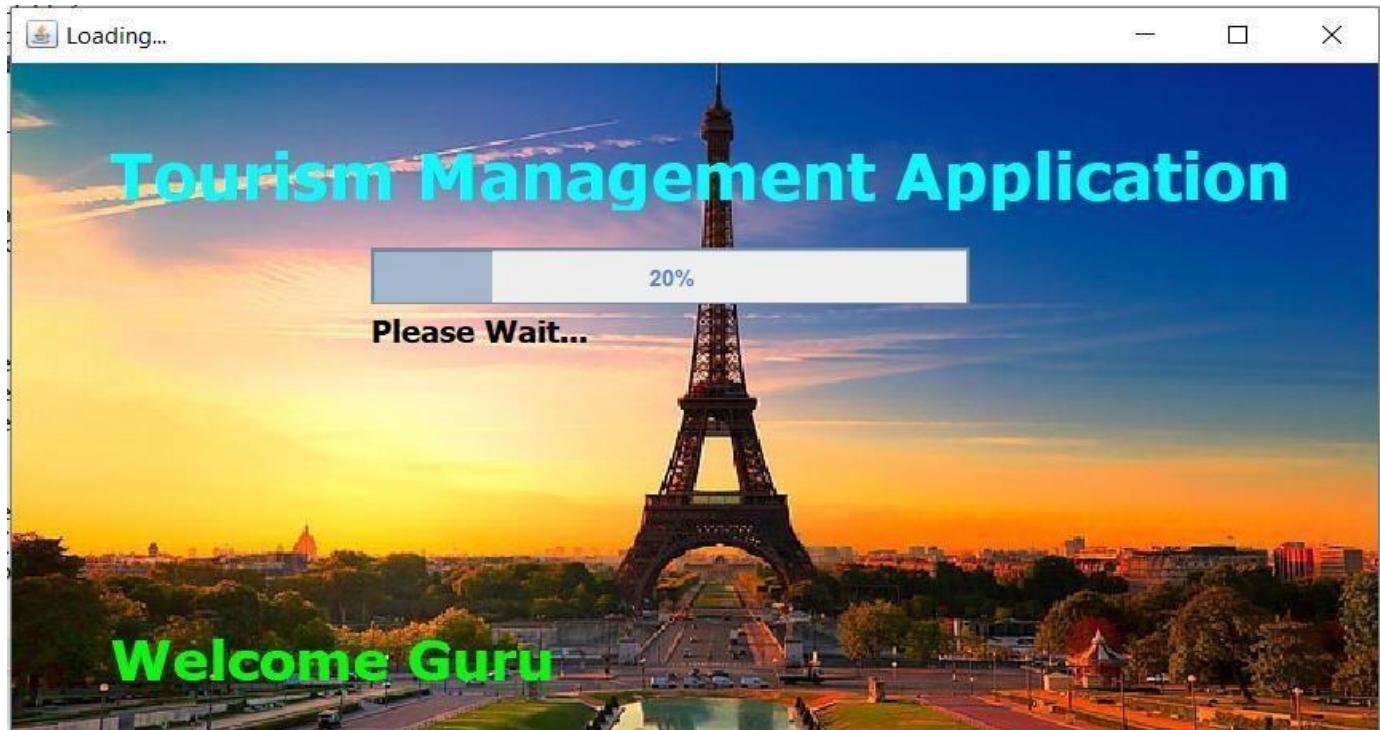
```
add(bar);

JLabel loading = new JLabel("Loading, Please wait ....");
loading.setBounds(230,140,250,30);
loading.setForeground(Color.RED);
loading.setFont(new Font("Raleway",Font.BOLD,16));
add(loading);

JLabel lblusername= new JLabel("Welcome"+ username);
lblusername.setBounds(20,310,400,40);
lblusername.setForeground(Color.RED);
lblusername.setFont(new Font("Raleway",Font.BOLD,16));
add( lblusername);
t.start();
setVisible(true);

}

public static void main(String args[])
{
    new Loading("");
}
}
```



//DASHBOARD

```
package travel.and.tourism.management.system;

import javax.swing.*;
```

```
import java.awt.*;
import java.awt.event.*;

public class Dashboard extends JFrame implements ActionListener {
    String username;
    JButton addPersonalDetails,
    viewPersonalDetails,updatePersonalDetails,checkpackages,bookpackage,viewpackage,viewhotels;
    JButton
    deletePersonalDetails,bookhotel,viewbookedhotel,destinations,payments,calculators,notepad,about;
    Dashboard(String username) {
        this.username = username;

        setExtendedState(JFrame.MAXIMIZED_BOTH);
        setVisible(false);
        setLayout (null);

        JPanel p1 = new JPanel();
        p1.setLayout(null);
        p1.setBackground(new Color(0,0,102));
        p1.setBounds(0,0,1600,65);
        add(p1);

        ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("icons/dashboard.png"));
        Image i2 = i1.getImage().getScaledInstance(70,70 ,Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel icon = new JLabel(i3);
        icon.setBounds(5,0,70,70);
        p1.add(icon);

        JLabel heading = new JLabel ("Dashboard");
    }
}
```

```
heading.setBounds(80,10,300,40);
heading.setForeground(Color.WHITE);
heading.setFont(new Font("Tahoma",Font.BOLD , 30));
p1.add(heading);

JPanel p2 = new JPanel();
p2.setLayout(null);
p2.setBackground(new Color(0,0,102));
p2.setBounds(0,65,300,900);
add(p2);

addPersonalDetails = new JButton("Add Personal Details");
addPersonalDetails .setBounds(0,0,300,50);
addPersonalDetails .setBackground(new Color(0,0,102));
addPersonalDetails .setForeground(Color.WHITE);
addPersonalDetails .setFont(new Font("Tahoma",Font.PLAIN,20));
addPersonalDetails.setMargin(new Insets(0,0,0,60));
addPersonalDetails.addActionListener(this);
p2.add(addPersonalDetails);

updatePersonalDetails = new JButton("Update Personal Details");
updatePersonalDetails .setBounds(0,50,300,50);
updatePersonalDetails .setBackground(new Color(0,0,102));
updatePersonalDetails .setForeground(Color.WHITE);
updatePersonalDetails .setFont(new Font("Tahoma",Font.PLAIN,20));
updatePersonalDetails.setMargin(new Insets(0,0,0,30));
updatePersonalDetails.addActionListener(this);
p2.add(updatePersonalDetails);

viewPersonalDetails = new JButton("View Details");
```

```
viewPersonalDetails .setBounds(0,100,300,50);
viewPersonalDetails .setBackground(new Color(0,0,102));
viewPersonalDetails .setForeground(Color.WHITE);
viewPersonalDetails .setFont(new Font("Tahoma",Font.PLAIN,20));
viewPersonalDetails.setMargin(new Insets(0,0,0,130));
viewPersonalDetails.addActionListener(this);
p2.add(viewPersonalDetails);
```

```
deletePersonalDetails = new JButton("Delete Personal Details");
deletePersonalDetails .setBounds(0,150,300,50);
deletePersonalDetails .setBackground(new Color(0,0,102));
deletePersonalDetails .setForeground(Color.WHITE);
deletePersonalDetails .setFont(new Font("Tahoma",Font.PLAIN,20));
deletePersonalDetails.setMargin(new Insets(0,0,0,40));
deletePersonalDetails.addActionListener(this);
p2.add(deletePersonalDetails);
```

```
checkpackages = new JButton("Check Packages");
checkpackages .setBounds(0,200,300,50);
checkpackages.setBackground(new Color(0,0,102));
checkpackages .setForeground(Color.WHITE);
checkpackages.setFont(new Font("Tahoma",Font.PLAIN,20));
checkpackages.setMargin(new Insets(0,0,0,100));
checkpackages.addActionListener(this);
p2.add(checkpackages);
```

```
bookpackage = new JButton("Book Package");
bookpackage .setBounds(0,250,300,50);
bookpackage.setBackground(new Color(0,0,102));
```

```
bookpackage.setForeground(Color.WHITE);
bookpackage.setFont(new Font("Tahoma",Font.PLAIN,20));
bookpackage.setMargin(new Insets(0,0,0,120));
bookpackage.addActionListener(this);
p2.add(bookpackage);

viewpackage = new JButton("View Package");
viewpackage.setBounds(0,300,300,50);
viewpackage.setBackground(new Color(0,0,102));
viewpackage.setForeground(Color.WHITE);
viewpackage.setFont(new Font("Tahoma",Font.PLAIN,20));
viewpackage.setMargin(new Insets(0,0,0,120));
viewpackage.addActionListener(this);
p2.add(viewpackage);

viewhotels = new JButton("View Hotels");
viewhotels.setBounds(0,350,300,50);
viewhotels.setBackground(new Color(0,0,102));
viewhotels.setForeground(Color.WHITE);
viewhotels.setFont(new Font("Tahoma",Font.PLAIN,20));
viewhotels.setMargin(new Insets(0,0,0,130));
viewhotels.addActionListener(this);
p2.add(viewhotels);

bookhotel = new JButton("Book Hotel");
bookhotel.setBounds(0,400,300,50);
bookhotel.setBackground(new Color(0,0,102));
bookhotel.setForeground(Color.WHITE);
bookhotel.setFont(new Font("Tahoma",Font.PLAIN,20));
bookhotel.setMargin(new Insets(0,0,0,140));
bookhotel.addActionListener(this);
p2.add(bookhotel);
```

```
bookhotel.addActionListener(this);
p2.add(bookhotel);
viewbookedhotel = new JButton("View Booked Hotel");
viewbookedhotel .setBounds(0,450,300,50);
viewbookedhotel.setBackground(new Color(0,0,102));
viewbookedhotel .setForeground(Color.WHITE);
viewbookedhotel.setFont(new Font("Tahoma",Font.PLAIN,20));
viewbookedhotel.setMargin(new Insets(0,0,0,70));
viewbookedhotel.addActionListener(this);
p2.add(viewbookedhotel);
destinations = new JButton("Destinations");
destinations.setBounds(0,500,300,50);
destinations.setBackground(new Color(0,0,102));
destinations.setForeground(Color.WHITE);
destinations.setFont(new Font("Tahoma",Font.PLAIN,20));
destinations.setMargin(new Insets(0,0,0,125));
destinations.addActionListener(this);
p2.add(destinations);
payments = new JButton("Payments");
payments .setBounds(0,550,300,50);
payments.setBackground(new Color(0,0,102));
payments .setForeground(Color.WHITE);
payments.setFont(new Font("Tahoma",Font.PLAIN,20));
payments.setMargin(new Insets(0,0,0,155));
payments.addActionListener(this);
p2.add(payments);

calculators = new JButton("Calculators");
calculators .setBounds(0,600,300,50);
calculators.setBackground(new Color(0,0,102));
```

```
calculators .setForeground(Color.WHITE);
calculators .setBounds(0,600,300,50);
calculators.setBackground(new Color(0,0,102));
calculators .setForeground(Color.WHITE);
calculators.setFont(new Font("Tahoma",Font.PLAIN,20));
calculators.setMargin(new Insets(0,0,0,145));
calculators.addActionListener(this);
p2.add(calculators);

notepad = new JButton("Notepad");
notepad .setBounds(0,650,300,50);
notepad .setBackground(new Color(0,0,102));
notepad .setForeground(Color.WHITE);
notepad .setFont(new Font("Tahoma",Font.PLAIN,20));
notepad .setMargin(new Insets(0,0,0,155));
notepad.addActionListener(this);
p2.add(notepad );

about = new JButton("About");
about .setBounds(0,690,300,50);
about .setBackground(new Color(0,0,102));
about .setForeground(Color.WHITE);
about .setFont(new Font("Tahoma",Font.PLAIN,20));
about .setMargin(new Insets(0,0,0,175));
about.addActionListener(this);
p2.add(about );

ImageIcon i4 = new ImageIcon(ClassLoader.getSystemResource("icons/home.jpg"));
Image i5 = i4.getImage().getScaledInstance(1650,1000 ,Image.SCALE_DEFAULT);
ImageIcon i6 = new ImageIcon(i5);
```

```
JLabel image = new JLabel(i6);
image.setBounds(0,0,1650,1000);
add(image);

JLabel text = new JLabel ("Travel And Tourism Management System");
text.setBounds(400,70,1200,70);
text.setForeground(Color.WHITE);
text.setFont(new Font("Raleway",Font.PLAIN , 55));
image.add(text);
setVisible(true);

}

public void actionPerformed(ActionEvent ae) {
    if(ae.getSource() == addPersonalDetails) {
        new AddCustomer (username);
    }else if (ae.getSource() == viewPersonalDetails) {
        new ViewCustomer (username);
    }else if (ae.getSource() == updatePersonalDetails) {
        new UpdateCustomer (username);
    }else if (ae.getSource() == checkpackages ) {
        new CheckPackage();
    }else if (ae.getSource() == bookpackage ) {
        new BookPackage(username);
    }else if (ae.getSource() == viewpackage ) {
        new ViewPackage(username);
    }else if (ae.getSource() == viewhotels ) {
        new CheckHotels ();
    }else if (ae.getSource() == destinations ) {
        new Destinations();
    }else if (ae.getSource() == bookhotel ) {
        new BookHotel(username);
    }else if (ae.getSource() == viewbookedhotel ) {
```

```
new ViewBookedHotel(username);

}else if (ae.getSource() == payments) {

    new Payment();

new ViewBookedHotel(username);

}else if (ae.getSource() == payments) {

    new Payment();

}else if (ae.getSource() == calculators) {

try {

    Runtime.getRuntime().exec("calc.exe");

} catch (Exception e) {

    e.printStackTrace();

}

}else if (ae.getSource() == notepad) {

try {

    Runtime.getRuntime().exec("notepad.exe");

}catch (Exception e) {

    e.printStackTrace()

}

}else if (ae.getSource() == about ) {

new About();

}

public static void main(String [] args) {

    new Dashboard(" ");

}

}
```



//ADD CUSTOMER DETAILS

```
package travel.and.tourism.management.system;  
  
import javax.swing.*;  
  
import java.awt.*;  
  
import java.sql.*;  
  
import java.awt.event.*;  
  
  
public class AddCustomer extends JFrame implements ActionListener{  
  
JLabel labelusername,labelname,labelgender;  
JComboBox comboid;  
JTextField tfnumber,tfcountry,tfaddress,tfemail,tfphone;  
JRadioButton rmale,rfemale;  
JButton add,back;  
  
  
AddCustomer(String username) {
```

```
setBounds(450,200,850,550);
setLayout(null);
getContentPane().setBackground(Color.WHITE);

JLabel lblusername = new JLabel("Username");
lblusername.setBounds(30,50,150,25);
add(lblusername);

labelusername = new JLabel(" ");
labelusername.setBounds(220,50,150,25);
add(labelusername);

JLabel lblid = new JLabel("Id");
lblid.setBounds(30,90,150,25);
add(lblid);

comboid =new JComboBox(new String[]{"Adhar Card","Pan Card","Passport"});
comboid .setBounds(220,90,150,25);
comboid.setBackground(Color.WHITE);
add(comboid);

JLabel lblnumber = new JLabel("Numberd");
lblnumber.setBounds(30,130,150,25);
add(lblnumber);

tfnumber = new JTextField();
tfnumber.setBounds(220,130,150,25);
add(tfnumber);
```

```
JLabel lblname = new JLabel("Name");
lblname.setBounds(30,170,150,25);
add(lblname);

labelname = new JLabel();
labelname.setBounds(220,170,150,25);
add(labelname);

JLabel lblgender = new JLabel("Gender");
lblgender.setBounds(30,210,150,25);
add(lblgender);

labelgender = new JLabel();
labelgender.setBounds(220,210,150,25);
add(labelname);

rmale = new JRadioButton("Male");
rmale .setBounds(220,210,70,25);
rmale .setBackground(Color.WHITE);
add(rmale );

rfemale = new JRadioButton("Female");
rfemale .setBounds(300,210,70,25);
rfemale .setBackground(Color.WHITE);
add(rfemale );

ButtonGroup bg = new ButtonGroup();
bg.add(rmale);
bg.add(rfemale);
```

```
JLabel lblcountry = new JLabel("Country");
lblcountry.setBounds(30,250,150,25);
add(lblcountry);
```

```
tfcountry = new JTextField();
tfcountry.setBounds(220,250,150,25);
add(tfcountry);
```

```
JLabel lbladdress = new JLabel("Address");
lbladdress.setBounds(30,290,150,25);
add(lbladdress);
```

```
tfaddress = new JTextField();
tfaddress.setBounds(220,290,150,25);
add(tfaddress);
```

```
JLabel lblphone = new JLabel("Phone");
lblphone.setBounds(30,330,150,25);
add(lblphone);
```

```
tfphone = new JTextField();
tfphone.setBounds(220,330,150,25);
add(tfphone);
```

```
JLabel lblemail = new JLabel("Email");
lblemail.setBounds(30,370,150,25);
add(lblemail);
tfemail = new JTextField();
tfemail.setBounds(220,370,150,25);
add(tfemail);
```

```
add = new JButton("Add");
add .setBounds(70,430,100,25);
add.setBackground(Color.BLACK);
add.setForeground(Color.WHITE);
add.addActionListener(this);
add(add );

back = new JButton("Back");
back.setBounds(220,430,100,25);
back.setBackground(Color.BLACK);
back.setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/newcustomer.jpg"));
Image i2 = i1.getImage().getScaledInstance(400,500 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(400,40,450,420);
add(image);

try {
Conn c = new Conn();
ResultSet rs = c.s.executeQuery("select * from account where username = '"+username+"'");
while(rs.next()) {
    labelusername.setText(rs.getString("username"));
    labelname.setText(rs.getString("name"));
}
}catch(Exception e) {
e.printStackTrace();
```

```
}

setVisible(true);

}

public void actionPerformed (ActionEvent ae) {

if (ae.getSource() == add) {

String username = labelusername.getText();

String id = (String) comboid.getSelectedItem();

String number = tfnumber.getText();

String name = labelname.getText();

String gender = null;

if (rmale.isSelected()) {

gender= "Male";

}else {

gender = "female";

}

String country = tfcountry.getText();

String address = tfaddress.getText();

String phone = tfphone.getText();

String email = tfemail.getText();

try {

Conn c = new Conn();

String query = "insert into customer
values('"+username+"','"+id+"','"+number+"','"+name+"','"+gender+"','"+country+"','"+address+"','"+phone+"',
'"+email+"')";

c.s.executeUpdate(query);

JOptionPane.showMessageDialog(null, "Customer Details Added Successfully");

setVisible(false);

} catch (Exception e){

e.printStackTrace();

}

} else {
```

```

        setVisible(false);

    }

} else {

    setVisible(false);

}

}

public static void main (String [] args) {

    new AddCustomer ("sony");

}

}

```



//UPDATE CUSTOMER DETAILS

```

package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.sql.*;
import java.awt.event.*;

public class UpdateCustomer extends JFrame implements ActionListener{

```

```
JLabel labelusername,labelname,labelgender;
JComboBox comboid;
JTextField tfnumber,tfcountry,tfaddress,tfemail,tfphone,tfid,tfgender;
JRadioButton rmale,rfemale;
JButton add,back;

UpdateCustomer(String username) {

    setBounds (500,200,850,550);
    setLayout(null);
    getContentPane().setBackground(Color.WHITE);

    JLabel text = new JLabel("UPDATE CUSTOMER DETAILS");
    text.setBounds(50,0,300,25);
    text.setFont(new Font("Tahuma",Font.PLAIN,20));
    add(text);

    JLabel lblusername = new JLabel("Username");
    lblusername.setBounds(30,50,150,25);
    add(lblusername);

    labelusername = new JLabel(" ");
    labelusername.setBounds(220,50,150,25);
    add(labelusername);

    JLabel lblid = new JLabel("Id");
    lblid.setBounds(30,90,150,25);
    add(lblid);

    tfid = new JTextField();
    tfid.setBounds(220,90,150,25);
    add(tfid);

    JLabel lblnumber = new JLabel("Numberd");
    lblnumber.setBounds(30,130,150,25);
    add(lblnumber);

    tfnumber = new JTextField();
    tfnumber.setBounds(220,130,150,25);
    add(tfnumber);

    JLabel lblname = new JLabel("Name");
    lblname.setBounds(30,170,150,25);
    add(lblname);

    labelname = new JLabel();
    labelname.setBounds(220,170,150,25);
    add(labelname);
```

```
JLabel lblgender = new JLabel("Gender");
lblgender.setBounds(30,210,150,25);
add(lblgender);

tfgender = new JTextField();
tfgender.setBounds(220,210,150,25);
add(tfgender);

JLabel lblcountry = new JLabel("Country");
lblcountry.setBounds(30,250,150,25);
add(lblcountry);

tfcountry = new JTextField();
tfcountry.setBounds(220,250,150,25);
add(tfcountry);

JLabel lbladdress = new JLabel("Address");
lbladdress.setBounds(30,290,150,25);
add(lbladdress);

tfaddress = new JTextField();
tfaddress.setBounds(220,290,150,25);
add(tfaddress);

JLabel lblphone = new JLabel("Phone");
lblphone.setBounds(30,330,150,25);
add(lblphone);

tfphone = new JTextField();
tfphone.setBounds(220,330,150,25);
add(tfphone);

JLabel lbлемail = new JLabel("Email");
lbлемail.setBounds(30,370,150,25);
add(lbлемail);

tfemail = new JTextField();
tfemail.setBounds(220,370,150,25);
add(tfemail);

add = new JButton("Update");
add .setBounds(70,430,100,25);
add.setBackground(Color.BLACK);
add.setForeground(Color.WHITE);
add.addActionListener(this);
add(add );
```

```
back = new JButton("Back");
back.setBounds(220,430,100,25);
back.setBackground(Color.BLACK);
back.setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/update.png"));
Image i2 = i1.getImage().getScaledInstance(300,300 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(450,80,350,300);
add(image);

try {
    Conn c = new Conn();
    ResultSet rs = c.s.executeQuery("select * from customer where username = '"+username+"'");
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelname.setText(rs.getString("name"));
        tfid.setText(rs.getString("id"));
        tfnumber.setText(rs.getString("number"));
        tfgender.setText(rs.getString("gender"));
        tfcountry.setText(rs.getString("country"));
        tfaddress.setText(rs.getString("address"));
        tfphone.setText(rs.getString("phone"));
        tfemail.setText(rs.getString("email"));
    }
} catch(Exception e) {
    e.printStackTrace();
}
setVisible(true);
}

public void actionPerformed (ActionEvent ae) {
if (ae.getSource() == add) {
    String username = labelusername.getText();

    String id = tfid.getText();
    String number = tfnumber.getText();
    String name = labelname.getText();
    String gender = tfgender.getText();
    String country = tfcountry.getText();
```

```

String address = tfaddress.getText();
String phone = tfphone.getText();
String email = tfemail.getText();

try {
    Conn c = new Conn();
    String query = "update customer set username = '"+username+"',id = '"+id+"',number =
"+number+",name = '"+name+"',gender =
"+gender+",country='"+country+"',address='"+address+"',phone='"+phone+"',email ='"+email+"'";
    c.s.executeUpdate(query);

    JOptionPane.showMessageDialog(null, "Customer Details Updated Successfully");
    setVisible(false);
} catch (Exception e){
    e.printStackTrace();
}

} else {
    setVisible(false);
}
}

public static void main (String [] args) {

    new UpdateCustomer("sony");
}
}
}

```



// VIEW CUSTOMER DETAILS

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.sql.*;
import java.awt.event.*;

public class ViewCustomer extends JFrame implements ActionListener {
    JButton back;
    ViewCustomer (String username){
        setBounds(450,180,870,625);
        getContentPane().setBackground(Color.WHITE);
        setLayout(null);

        JLabel lblusername = new JLabel ("Username");
        lblusername .setBounds(30,50,150,25);
        add(lblusername);

        JLabel labelusername = new JLabel ();
        labelusername .setBounds(220,50,150,25);
        add(labelusername);

        JLabel lblid = new JLabel ("Id");

        lblid .setBounds(30,110,150,25);
        add(lblid);

        JLabel labelid = new JLabel ();
        labelid .setBounds(220,110,150,25);
        add(labelid);

        JLabel lblnumber = new JLabel ("Number");
        lblnumber .setBounds(30,170,150,25);
        add(lblnumber);

        JLabel labelnumber = new JLabel ();
        labelnumber .setBounds(220,170,150,25);
        add(labelnumber);

        JLabel lblname = new JLabel ("Name");
        lblname .setBounds(30,230,150,25);
        add(lblname);

        JLabel labelname = new JLabel ();
        labelname .setBounds(220,230,150,25);
        add(labelname);

        JLabel lblgender = new JLabel ("Gender");
```

```
add(lblgender);
JLabel labelgender = new JLabel ();
labelgender .setBounds(220,290,150,25);
add(labelgender);

JLabel lblcountry = new JLabel ("Country");
lblcountry .setBounds(500,50,150,25);
add( lblcountry);

JLabel labelcountry = new JLabel ();
labelcountry .setBounds(690,50,150,25);
add(labelcountry);

JLabel lbladdress = new JLabel ("Address");
lbladdress .setBounds(500,110,150,25);
add(lbladdress);

JLabel labeladdress = new JLabel ();
labeladdress .setBounds(690,110,150,25);
add(labeladdress);

JLabel lblphone = new JLabel ("Phone");
lblphone .setBounds(500,170,150,25);
add(lblphone);

JLabel labelphone = new JLabel ();

labelphone .setBounds(690,170,150,25);
add(labelphone);

JLabel lblemail = new JLabel ("Email");
lblemail .setBounds(500,230,150,25);
add(lblemail);

JLabel labelemail = new JLabel ();
labelemail .setBounds(690,230,150,25);
add(labelemail);

back = new JButton("Back");
back.setBounds(350,350,100,25);
back.setBackground(Color.BLACK);
back.setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/viewall.jpg"));
Image i2 = i1.getImage().getScaledInstance(600,200 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(20,400,600,200);
add(image);

ImageIcon i4= new ImageIcon(ClassLoader.getSystemResource("Icons/viewall.jpg"));

---


```

```

Image i5 = i4.getImage().getScaledInstance(600,200 ,Image.SCALE_DEFAULT);
ImageIcon i6=new ImageIcon(i5);

JLabel image2 =new JLabel(i6);
image2.setBounds(600,400,600,200);
add(image2);

try {
    Conn conn = new Conn();
    String query = "select * from customer where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelid.setText(rs.getString("id"));
        labelnumber.setText(rs.getString("number"));
        labelname.setText(rs.getString("name"));
        labelgender.setText(rs.getString("gender"));
        labelcountry.setText(rs.getString("country"));
        labeladdress.setText(rs.getString("address"));
        labelphone.setText(rs.getString("phone"));
        labelemail.setText(rs.getString("email"));

    }
} catch (Exception e) {

}

setVisible(true);
}

public void actionPerformed(ActionEvent ae ) {
    setVisible(false);
}
public static void main(String [] args) {
    new ViewCustomer("sony");
}
}

```

| | | | |
|-----------------|---------------|----------------|--------------|
| Username | Sony | Country | India |
| Id | Adhar Card | Address | Jajpur |
| Number | 1111111111 | Phone | 2222222222 |
| Name | Suprava Sahoo | Email | sony@123.com |
| Gender | female | | |

Back

//DELETE CUSTOMER DETAILS

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.sql.*;
import java.awt.event.*;

public class DeleteDetails extends JFrame implements ActionListener {
    JButton back;
    String username;

    DeleteDetails (String username){
        this.username = username;
        setBounds(450,180,870,625);
        getContentPane().setBackground(Color.WHITE);
        setLayout(null);

        JLabel lblusername = new JLabel ("Username");
        lblusername .setBounds(30,50,150,25);
        add(lblusername);

        JLabel labelusername = new JLabel ();
        labelusername .setBounds(220,50,150,25);
        add(labelusername);

        JLabel lblid = new JLabel ("Id");
        lblid .setBounds(30,110,150,25);
        add(lblid);

        JLabel labelid = new JLabel ();
        labelid .setBounds(220,110,150,25);
        add(labelid);

        JLabel lblnumber = new JLabel ("Number");
        lblnumber .setBounds(30,170,150,25);
        add(lblnumber);

        JLabel labelnumber = new JLabel ();
        labelnumber .setBounds(220,170,150,25);
        add(labelnumber);

        JLabel lblname = new JLabel ("Name");
        lblname .setBounds(30,230,150,25);
        add(lblname);
```

```
JLabel labelname = new JLabel ();
labelname .setBounds(220,230,150,25);
add(labelname);

JLabel lblgender = new JLabel ("Gender");
lblgender .setBounds(30,290,150,25);
add(lblgender);

JLabel labelgender = new JLabel ();
labelgender .setBounds(220,290,150,25);
add(labelgender);

JLabel lblcountry = new JLabel ("Country");
lblcountry .setBounds(500,50,150,25);
add( lblcountry);

JLabel labelcountry = new JLabel ();
labelcountry .setBounds(690,50,150,25);
add(labelcountry);

JLabel lbladdress = new JLabel ("Address");
lbladdress .setBounds(500,110,150,25);
add(lbladdress);

JLabel labeladdress = new JLabel ();
labeladdress .setBounds(690,110,150,25);
add(labeladdress);

JLabel lblphone = new JLabel ("Phone");
lblphone .setBounds(500,170,150,25);
add(lblphone);

JLabel labelphone = new JLabel ();
labelphone .setBounds(690,170,150,25);
add(labelphone);

JLabel lblemail = new JLabel ("Email");
lblemail .setBounds(500,230,150,25);
add(lblemail);

JLabel labelemail = new JLabel ();
labelemail .setBounds(690,230,150,25);
add(labelemail);

back = new JButton("Delete");
back.setBounds(350,350,100,25);
back.setBackground(Color.BLACK);
back.setForeground(Color.WHITE);

back.addActionListener(this);
```

```
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/viewall.jpg"));
Image i2 = i1.getImage().getScaledInstance(600,200 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(20,400,600,200);
add(image);

ImageIcon i4= new ImageIcon(ClassLoader.getSystemResource("Icons/viewall.jpg"));
Image i5 = i4.getImage().getScaledInstance(600,200 ,Image.SCALE_DEFAULT);
ImageIcon i6=new ImageIcon(i5);
JLabel image2 =new JLabel(i6);
image2.setBounds(600,400,600,200);
add(image2);

try {
    Conn conn = new Conn();
    String query = "select * from customer where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {

labelusername.setText(rs.getString("username"));
labelid.setText(rs.getString("id"));
labelnumber.setText(rs.getString("number"));
labelname.setText(rs.getString("name"));
labelgender.setText(rs.getString("gender"));
labelcountry.setText(rs.getString("country"));
labeladdress.setText(rs.getString("address"));
labelphone.setText(rs.getString("phone"));
labelemail.setText(rs.getString("email"));

    }
}catch (Exception e) {

}

setVisible(true);
}

public void actionPerformed(ActionEvent ae ) {
try {
    Conn c = new Conn();
    c.s.executeUpdate("delete from account where username = '"+username+"'");
    c.s.executeUpdate("delete from customer where username = '"+username+"'");
    c.s.executeUpdate("delete from bookpackage where username = '"+username+"'");
    c.s.executeUpdate("delete from bookhotel where username = '"+username+"'");
}
```

```

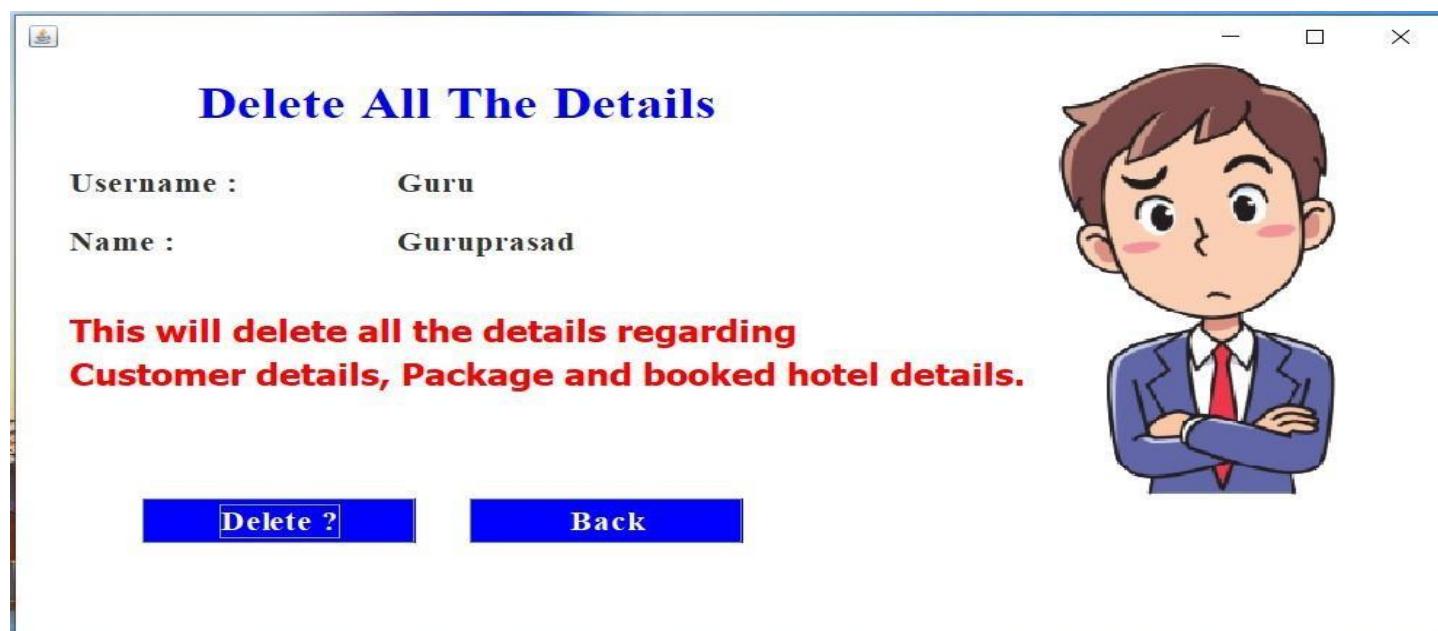
JOptionPane.showMessageDialog(null,"Data Deleted Sucessfully");

setVisible(false);

}catch(Exception e) {
    e.printStackTrace();
}
}

public static void main(String [] args) {
    new DeleteDetails("sony");
}
}
}

```



//CHECK PACKAGE

```

package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;

public class CheckPackage extends JFrame {

CheckPackage() {
    setBounds(450,200,900,600);

    String[] package1 = {"GOLD PACKAGE","6 Days And 7 Nights","Airport Assistance","Welcome Drinks on
Arrivel","Half Day City Tour","Daily Buffet","Full Day 3 Island Cruise ","English Speaking Guide","BOOK
PACKAGE","SUMMER SPECIAL","Rs 12000/-","package1.jpg"};

```

```

String[] package2 = {"SILVER PACKAGE","5 Days And 6 Nights","Toll Free"," Entrance Free Tickets","Meet
And Greet At Airport","Welcome Drinks on Arrivel","Night Safari"," Cruise with Dinner","BOOK
NOW","WINTER SPECIAL","Rs 24000/-","package2.jpg"};

String[] package3 = {"BRONCH PACKAGE","6 Days And 5 Nights","Return Airfare","Daily Buffet","Free
Clubbing, Horse Riding & Other Games","River Rafting","Hard Drinks Free","BBQ Dinner","BOOK
NOW","WINTER SPECIAL","Rs 32000/-","package3.jpg"};

JTabbedPane tab = new JTabbedPane ();
JPanel p1 = createPackage(package1);
tab.addTab("Package 1", null , p1);

JPanel p2 = createPackage(package2);
tab.addTab("Package 2", null , p2);

JPanel p3 = createPackage(package3);
tab.addTab("Package 3", null , p3);
add(tab);
setVisible(true);
}

public JPanel createPackage(String[] pack) {
 JPanel p1=new JPanel();
 p1.setBackground( Color.WHITE);
 p1.setLayout(null);

 JLabel l1 = new JLabel(pack[0]);
 l1.setBounds(50,5,300,30);
 l1.setForeground(Color.YELLOW);
 l1.setFont(new Font("Tohuma",Font.BOLD,30));
 p1.add(l1);

 JLabel l2 = new JLabel(pack [1]);
 l2.setBounds(30,60,300,30);
 l2.setForeground(Color.RED);
 l2.setFont(new Font("Tohuma",Font.BOLD,20));
 p1.add(l2);

 JLabel l3 = new JLabel(pack[2]);
 l3.setBounds(30,110,300,30);
 l3.setForeground(Color.BLUE);
 l3.setFont(new Font("Tohuma",Font.BOLD,20));
 p1.add(l3);

 JLabel l4 = new JLabel(pack[3]);
 l4.setBounds(30,160,300,30);
 l4.setForeground(Color.RED);
 l4.setFont(new Font("Tohuma",Font.BOLD,20));
 p1.add(l4);
}

```

```
JLabel l5 = new JLabel(pack[4]);
l5.setBounds(30,210,300,30);
l5.setForeground(Color.BLUE);
l5.setFont(new Font("Tohuma",Font.BOLD,20));
p1.add(l5);

JLabel l6 = new JLabel(pack[5]);
l6.setBounds(30,260,300,30);
l6.setForeground(Color.RED);
l6.setFont(new Font("Tohuma",Font.BOLD,20));
p1.add(l6);

JLabel l7 = new JLabel(pack[6]);
l7.setBounds(30,310,300,30);
l7.setForeground(Color.BLUE);
l7.setFont(new Font("Tohuma",Font.BOLD,20));
p1.add(l7);

JLabel l8 = new JLabel(pack[7]);
l8.setBounds(30,360,300,30);
l8.setForeground(Color.RED);
l8.setFont(new Font("Tohuma",Font.BOLD,20));
p1.add(l8);

JLabel l9 = new JLabel(pack[8]);
l9.setBounds(60,430,300,30);
l9.setForeground(Color.BLACK);
l9.setFont(new Font("Tohuma",Font.BOLD,25));
p1.add(l9);

JLabel l10 = new JLabel(pack[9]);
l10.setBounds(100,480,300,30);
l10.setForeground(Color.MAGENTA);
l10.setFont(new Font("Tohuma",Font.BOLD,25));
p1.add(l10);

JLabel l11 = new JLabel(pack[10]);
l11.setBounds(400,480,300,30);
l11.setForeground(Color.cyan);
l11.setFont(new Font("Tohuma",Font.BOLD,25));
p1.add(l11);

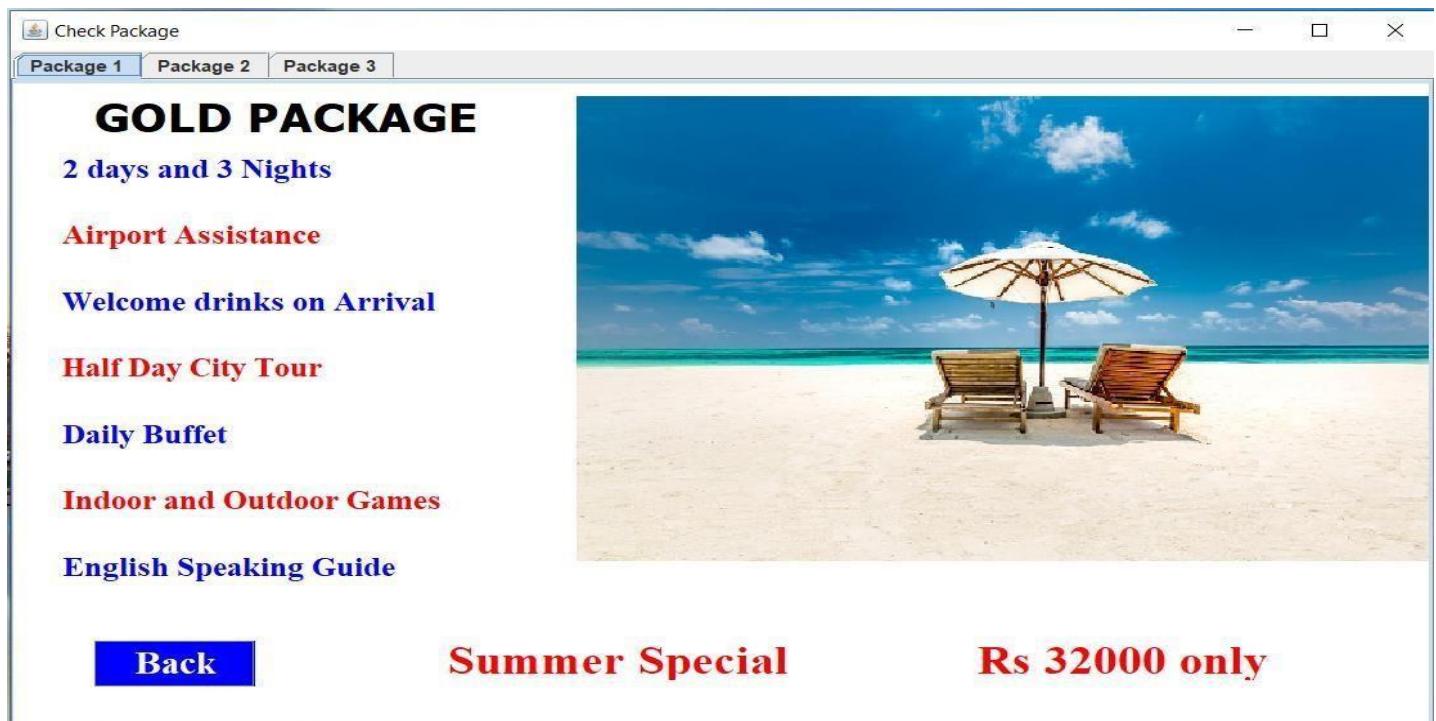
ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/"+pack[11]));
Image i2 = i1.getImage().getScaledInstance(500,300 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel l12 = new JLabel(i3);
l12.setBounds(350,50,500,300);
p1.add(l12);
```

```

    return p1;
}

public static void main(String [] args) {
    new CheckPackage();
}

```



//BOOK PACKAGE

```

package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.sql.*;

public class BookPackage extends JFrame implements ActionListener {

    Choice cpackage;
    JTextField tfpersons;
    String username;
    JLabel labelusername,labelid,labelnumber,labelphone,labelprice ;
    JButton checkprice , bookpackage,back;
    BookPackage(String username) {

        this.username = username;
    }
}

```

```
setBounds(350,200,1100,500);
getContentPane().setBackground(Color.WHITE);

JLabel text = new JLabel("BOOK PACKAGE");
text.setBounds(100,10,200,30);
text.setFont(new Font("Tahuma",Font.BOLD,20));
add(text);

JLabel lblusername = new JLabel ("Username");
lblusername.setFont(new Font("Tahuma",Font.PLAIN,16));
lblusername .setBounds(40,70,100,20);
add(lblusername);

labelusername = new JLabel ();
labelusername.setFont(new Font("Tahuma",Font.PLAIN,16));
labelusername .setBounds(250,70,200,20);
add(labelusername);

JLabel lblpackage = new JLabel ("Select Package");
lblpackage .setFont(new Font("Tahuma",Font.PLAIN,16));
lblpackage .setBounds(40,110,150,20);
add(lblpackage);

cpackage = new Choice();
cpackage.add("Gold Package");
cpackage.add("Silver Package");
cpackage.add("Bronch Package");
cpackage .setBounds(250,110,200,20);
add(cpackage);

JLabel lblperson = new JLabel ("Total Persons");
lblperson.setFont(new Font("Tahuma",Font.PLAIN,16));
lblperson .setBounds(40,150,150,20);
add(lblperson);

tfpersons =new JTextField("1");
tfpersons.setBounds(250,150,200,25);
add(tfpersons);

JLabel lblid = new JLabel ("Id");
lblid.setFont(new Font("Tahuma",Font.PLAIN,16));
lblid .setBounds(40,190,150,20);
add(lblid);

labelid = new JLabel ();
labelid .setBounds(250,190,200,25);
add(labelid);

JLabel lblnumber = new JLabel ("Number");
lblnumber.setFont(new Font("Tahuma",Font.PLAIN,16));
lblnumber .setBounds(40,230,150,25);
```

```

add(lblnumber);

labelnumber = new JLabel ();
labelnumber .setBounds(250,230,150,25);
add(labelnumber);

JLabel lblphone = new JLabel ("Phone");
lblphone.setFont(new Font("Tahuma",Font.PLAIN,16));
lblphone .setBounds(40,270,150,20);
add(lblphone);

labelphone = new JLabel ();
labelphone .setBounds(250,270,200,25);
add(labelphone);

JLabel lbltotal = new JLabel ("Total Price");
lbltotal.setFont(new Font("Tahuma",Font.PLAIN,16));
lbltotal .setBounds(40,310,150,25);
add(lbltotal);

labelprice = new JLabel ();
labelprice .setBounds(250,310,150,25);
add(labelprice);

try {
    Conn conn = new Conn();
    String query = "select * from customer where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelid.setText(rs.getString("id"));
        labelnumber.setText(rs.getString("number"));
        labelphone.setText(rs.getString("phone"));

    }
} catch (Exception e) {
    e.printStackTrace();
}

checkprice = new JButton("Check Price");
checkprice .setBounds(60,380,120,25);
checkprice .setBackground(Color.BLACK);
checkprice .setForeground(Color.WHITE);
checkprice.addActionListener(this);
add(checkprice);
bookpackage = new JButton("Book Package");
bookpackage .setBounds(200,380,120,25);
bookpackage .setBackground(Color.BLACK);
bookpackage .setForeground(Color.WHITE);
bookpackage .addActionListener(this);

```

```

add(bookpackage);

back = new JButton("Back");
back .setBounds(340,380,120,25);
back .setBackground(Color.BLACK);
back .setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/bookpackage.jpg"));
Image i2 = i1.getImage().getScaledInstance(500,300 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel l12 = new JLabel(i3);
l12.setBounds(550,50,500,300);
add(l12);

setVisible(true);

}

public void actionPerformed(ActionEvent ae) {
if(ae.getSource() == checkprice) {
    String pack = cpackage.getSelectedItem();
    int cost = 0;
    if(pack.equals("Gold Package")) {
        cost += 12000;
    }else if(pack.equals("Silver Package")) {
        cost +=24000;
    }else {
        cost +=32000;
    }

    int persons = Integer.parseInt(tfpersons.getText());
    cost *=persons;
    labelprice.setText("Rs" +cost);
}else if (ae.getSource() == bookpackage) {
    try {
        Conn c =new Conn();
        c.s.executeUpdate("insert into bookpackage
values('"+labelusername.getText()+"','"+cpackage.getSelectedItem()+"','"+tfpersons.getText()+"','"+labelid.get
Text()+"','"+labelnumber.getText()+"','"+labelphone.getText()+"','"+labelprice.getText()+"')");
        JOptionPane.showMessageDialog(null, "Package Booked Successfully");
        setVisible(false);
    }catch(Exception e) {
    }
}else {
    setVisible(false);
}

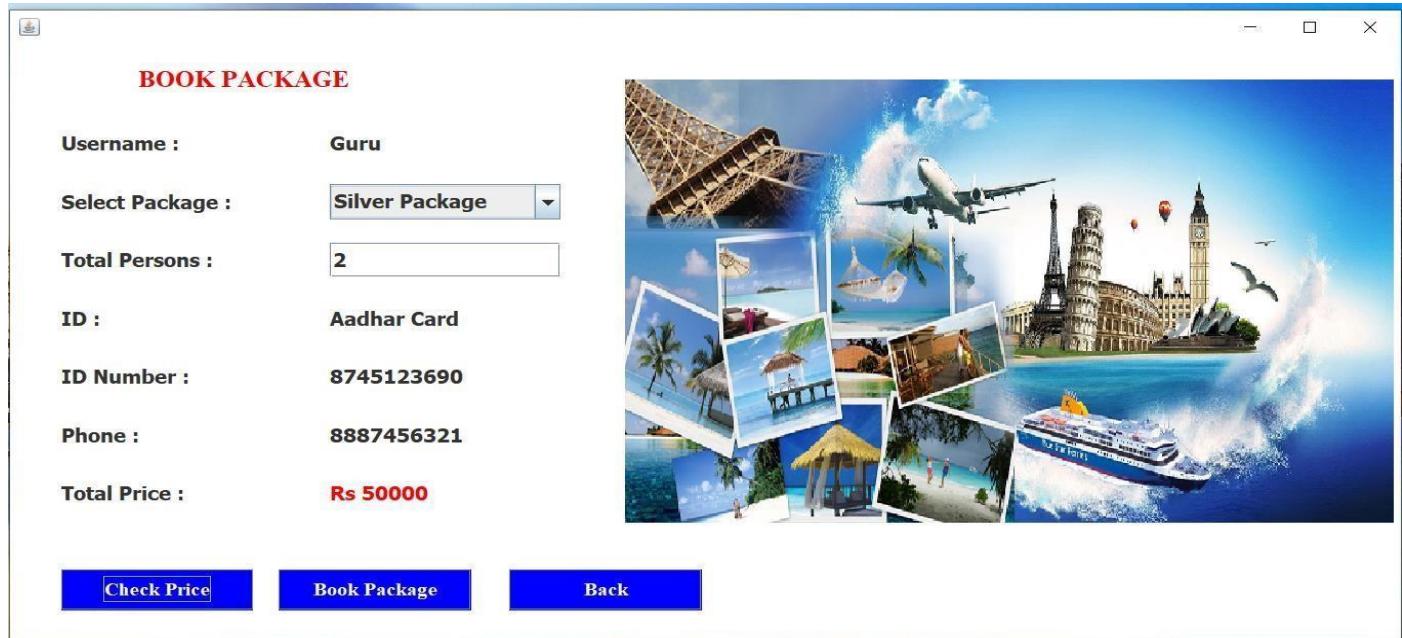
```

```

        }
    }

public static void main(String [] args) {
    new BookPackage("sony");
}
}
}

```



//VIEW BOOKED PACKAGE

```

package travel.and.tourism.management.system;
import javax.swing.*;
import java.awt.*;
import java.sql.*;
import java.awt.event.*;

public class ViewPackage extends JFrame implements ActionListener {
    JButton back;
    ViewPackage (String username){
        setBounds(450,200,900,450);
        getContentPane().setBackground(Color.WHITE);
        setLayout(null);

        JLabel text = new JLabel ("VIEW PACKAGE DETAILS");

        text.setFont(new Font("Tahoma",Font.BOLD,20));
        text.setBounds(60,0,300,30);
        add(text);

        JLabel lblusername = new JLabel ("Username");
        lblusername .setBounds(30,50,150,25);
        add(lblusername);
    }
}

```

```
JLabel labelusername = new JLabel ();
labelusername .setBounds(220,50,150,25);
add(labelusername);

JLabel lblid = new JLabel ("Package");
lblid .setBounds(30,90,150,25);
add(lblid);

JLabel labelpackage = new JLabel ();
labelpackage .setBounds(220,90,150,25);
add(labelpackage);

JLabel lblnumber = new JLabel ("Total Persons");
lblnumber .setBounds(30,130,150,25);
add(lblnumber);

JLabel labelpersons = new JLabel ();
labelpersons .setBounds(220,130,150,25);
add(labelpersons);

JLabel lblname = new JLabel ("Id");
lblname .setBounds(30,170,150,25);
add(lblname);

JLabel labelid = new JLabel ();
labelid .setBounds(220,170,150,25);
add(labelid);

JLabel lblgender = new JLabel ("Number");
lblgender .setBounds(30,210,150,25);
add(lblgender);

JLabel labelnumber = new JLabel ();
labelnumber .setBounds(220,210,150,25);
add(labelnumber);

JLabel lblcountry = new JLabel ("Phone");
lblcountry .setBounds(30,250,150,25);
add( lblcountry);

JLabel labelphone = new JLabel ();
labelphone .setBounds(220,250,150,25);
add(labelphone);

JLabel lbladdress = new JLabel ("Price");
lbladdress .setBounds(30,290,150,25);
add(lbladdress);

JLabel labelprice = new JLabel ();
labelprice .setBounds(220,290,150,25);
```

```

add(labelprice);

back = new JButton("Back");
back.setBounds(130,360,100,25);
back.setBackground(Color.BLACK);
back.setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/bookedDetails.jpg"));
Image i2 = i1.getImage().getScaledInstance(500,400 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(450,20,500,400);
add(image);

try {
    Conn conn = new Conn();
    String query = "select * from bookpackage where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelid.setText(rs.getString("id"));
        labelnumber.setText(rs.getString("number"));
        labelpackage.setText(rs.getString("package"));
        labelprice.setText(rs.getString("price"));
        labelphone.setText(rs.getString("phone"));
        labelpersons.setText(rs.getString("persons"));

    }
} catch (Exception e) {

}

setVisible(true);
}

public void actionPerformed(ActionEvent ae ) {
}
public static void main(String [] args) {
    new ViewPackage("sony");
}
}

```

VIEW PACKAGE DETAILS

Username : Guru
Package : Silver Package
Total Persons : 2
ID : Aadhar Card
ID Number : 8745123690
Phone : 8887456321
Price : Rs 50000



Delete ?

Back

//CHECK HOTELS

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;

public class CheckHotels extends JFrame implements Runnable
{

    Thread t1;
    JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10;
    JLabel[] label = new JLabel[]{l1,l2,l3,l4,l5,l6,l7,l8,l9,l10};
    JLabel caption;
    public void run()
    {
        String[] text = new String[]{"JN Marriott Hotel", "Madarin Oriental Hotel","Four Season Hotel","Raddisson Blue Hotel","Classio Hotel","The Bay Club Hotel","Breeze Blow Hotel","The Taj Hotel","Happy Morning Hotel","River View Hotel"};

        try {
            for (int i = 0; i<=9 ; i++) {
                label[i].setVisible(true);
                caption.setText(text[i]);
                Thread.sleep(2500);
                label[i].setVisible(false);
            }
        }catch (Exception e) {
```

```

        e.printStackTrace();
    }

}

CheckHotels()
{
    setBounds(500,200,800,600);

    caption = new JLabel();
    caption.setBounds(50,500,1000,70);
    caption.setFont(new Font("Tahoma",Font.PLAIN,40));
    caption.setForeground(Color.WHITE);
    add(caption);

ImageIcon i1 = null,i2= null,i3= null,i4= null,i5= null,i6= null,i7= null,i8= null,i9= null,i10= null;
ImageIcon[] image = new ImageIcon[]{i1,i2,i3,i4,i5,i6,i7,i8,i9,i10};

Image j1 = null,j2= null,j3= null,j4= null,j5= null,j6= null,j7= null,j8= null,j9= null,j10= null;
Image[] jimage = new Image[]{j1,j2,j3,j4,j5,j6,j7,j8,j9,j10};

ImageIcon k1 = null,k2= null,k3= null,k4= null,k5= null,k6= null,k7= null,k8= null,k9= null,k10= null;
ImageIcon[] kimage = new ImageIcon[]{k1,k2,k3,k4,k5,k6,k7,k8,k9,k10};

for (int i = 0;i<=9; i++)
{
    image[i]= new ImageIcon(ClassLoader.getSystemResource("icons/hotel"+(i+1)+".jpg"));
    jimage[i] = image[i].getImage().getScaledInstance(800,600 ,Image.SCALE_DEFAULT);
    kimage[i] = new ImageIcon(jimage[i]);
    label[i] = new JLabel(kimage[i]);
    label[i].setBounds(0,0,800,600);
    add(label[i]);
}

t1 = new Thread(this);
t1.start();

setVisible(true);

}

public static void main(String [] args ) {
    new CheckHotels();
}
}

```



//BOOK HOTEL

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.sql.*;

public class BookHotel extends JFrame implements ActionListener {

    Choice chotel,cac,cfood;
    JTextField tfpersons,tfdays;
    String username;
    JLabel labelusername,labelid,labelnumber,labelphone,labelprice ;
    JButton checkprice , bookpackage,back;
    BookHotel(String username) {
        this.username = username;
        setBounds(350,200,1100,600);
        setLayout(null);
        getContentPane().setBackground(Color.WHITE);

        JLabel text = new JLabel("BOOK HOTEL");

        text.setBounds(100,10,200,30);
        text.setFont(new Font("Tahuma",Font.BOLD,20));
        add(text);

        JLabel lblusername = new JLabel ("Username");
        lblusername.setFont(new Font("Tahuma",Font.PLAIN,16));
```

```

lblusername .setBounds(40,70,100,20);
add(lblusername);

labelusername = new JLabel ();
labelusername.setFont(new Font("Tahuma",Font.PLAIN,16));
labelusername .setBounds(250,70,200,20);
add(labelusername);

JLabel lblpaackage = new JLabel ("Select Hotel");
lblpaackage .setFont(new Font("Tahuma",Font.PLAIN,16));
lblpaackage .setBounds(40,110,150,20);
add(lblpaackage);

chotel = new Choice();
chotel .setBounds(250,110,200,20);
add(chotel);

try {
    Conn c = new Conn();
    ResultSet rs = c.s.executeQuery("select * from hotel");
    while(rs.next()) {
        chotel.add(rs.getString("name"));
    }
} catch(Exception e) {
    e.printStackTrace();
}

JLabel lblperson = new JLabel ("Total Persons");
lblperson.setFont(new Font("Tahuma",Font.PLAIN,16));
lblperson .setBounds(40,150,150,20);
add(lblperson);

tfpersons =new JTextField("1");
tfpersons.setBounds(250,150,200,25);
add(tfpersons);

JLabel lbldays = new JLabel ("No of Days");
lbldays.setFont(new Font("Tahuma",Font.PLAIN,16));
lbldays .setBounds(40,190,150,20);
add(lbldays);

tfdays =new JTextField("1");
tfdays.setBounds(250,190,200,25);
add(tfdays);

JLabel lblac = new JLabel ("AC / NON-AC");
lblac.setFont(new Font("Tahuma",Font.PLAIN,16));
lblac .setBounds(40,230,150,20);
add(lblac);

```

```
cac = new Choice();
cac.add("AC");
cac.add("NON-AC");
cac .setBounds(250,230,200,20);
add(cac);

JLabel lblfood = new JLabel ("Food Included");
lblfood.setFont(new Font("Tahuma",Font.PLAIN,16));
lblfood .setBounds(40,270,150,20);
add(lblfood);

cfood = new Choice();
cfood.add("yes");
cfood.add("NO");
cfood .setBounds(250,270,200,20);
add(cfood);

JLabel lblid = new JLabel ("Id");
lblid.setFont(new Font("Tahuma",Font.PLAIN,16));
lblid .setBounds(40,310,150,20);
add(lblid);

labelid = new JLabel ();
labelid .setBounds(250,310,200,25);
add(labelid);

JLabel lblnumber = new JLabel ("Number");
lblnumber.setFont(new Font("Tahuma",Font.PLAIN,16));
lblnumber .setBounds(40,350,150,25);
add(lblnumber);

labelnumber = new JLabel ();
labelnumber .setBounds(250,350,150,25);
add(labelnumber);

JLabel lblphone = new JLabel ("Phone");
lblphone.setFont(new Font("Tahuma",Font.PLAIN,16));
lblphone .setBounds(40,390,150,20);
add(lblphone);

labelphone = new JLabel ();
labelphone .setBounds(250,390,200,25);
add(labelphone);

JLabel lbltotal = new JLabel ("Total Price");
lbltotal.setFont(new Font("Tahuma",Font.PLAIN,16));
lbltotal .setBounds(40,430,150,25);
add(lbltotal);
```

```

labelprice = new JLabel ();
labelprice .setBounds(250,430,150,25);
add(labelprice);

try {
    Conn conn = new Conn();
    String query = "select * from customer where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelid.setText(rs.getString("id"));
        labelnumber.setText(rs.getString("number"));
        labelphone.setText(rs.getString("phone"));

    }
} catch (Exception e) {
    e.printStackTrace();
}

checkprice = new JButton("Check Price");
checkprice .setBounds(60,490,120,25);
checkprice .setBackground(Color.BLACK);
checkprice .setForeground(Color.WHITE);
checkprice.addActionListener(this);
add(checkprice);

bookpackage = new JButton("Book Hotel");
bookpackage .setBounds(200,490,120,25);
bookpackage .setBackground(Color.BLACK);
bookpackage .setForeground(Color.WHITE);
bookpackage .addActionListener(this);
add(bookpackage);

back = new JButton("Back");
back .setBounds(340,490,120,25);
back .setBackground(Color.BLACK);
back .setForeground(Color.WHITE);
back.addActionListener(this);
add(back);

ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/book.jpg"));
Image i2 = i1.getImage().getScaledInstance(600,300 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel l12 = new JLabel(i3);
l12.setBounds(500,50,600,300);
add(l12);

setVisible(true);

}

```

```

public void actionPerformed(ActionEvent ae) {
    if(ae.getSource() == checkprice) {
        try {
            Conn c = new Conn();
            ResultSet rs = c.s.executeQuery("select * from hotel where name = '"+chotel.getSelectedItem()+"'");
            while(rs.next()) {
                int cost = Integer.parseInt(rs.getString("costperperson"));
                int food = Integer.parseInt(rs.getString("foodincluded"));
                int ac = Integer.parseInt(rs.getString("acroom"));

                int persons = Integer.parseInt(tfpersons.getText());
                int days = Integer.parseInt(tfdays.getText());

                String acselected = cac.getSelectedItem();
                String foodselected = cfood.getSelectedItem();

                if(persons * days > 0) {
                    int total = 0;
                    total += acselected.equals("AC") ? ac : 0;
                    total += foodselected.equals("Yes") ? food : 0;
                    total += cost;
                    total = total * persons * days;
                    labelprice.setText("Rs" + total);

                }else {
                    JOptionPane.showMessageDialog(null, "Please enter a valid number");
                }
            }
        }catch (Exception e) {
            e.printStackTrace();
        }
    }else if (ae.getSource() == bookpackage) {
        try {
            Conn c =new Conn();
            c.s.executeUpdate("insert into bookhotel
values('"+labelusername.getText()+"','"+chotel.getSelectedItem()+"','"+tfpersons.getText()+"','"+tfdays.getText()+"','"+cac.getSelectedItem()+"','"+cfood.getSelectedItem()+"','"+labelid.getText()+"','"+labelnumber.getText()+"','"+labelphone.getText()+"','"+labelprice.getText()+"')");
            JOptionPane.showMessageDialog(null, "Hotel Booked Successfully");
            setVisible(false);
        }
    }
}

```

```

}catch(Exception e) {

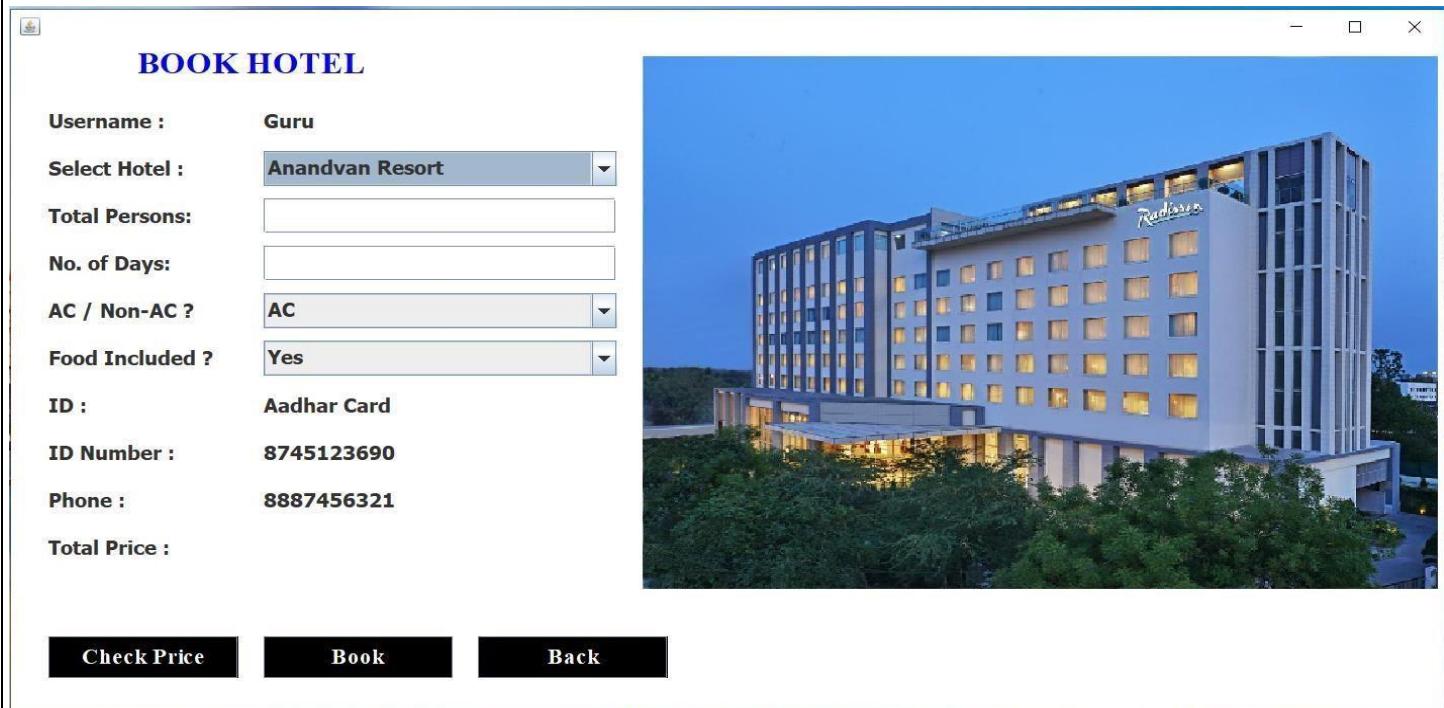
    }

}else {
    setVisible(false);
}

}

public static void main(String [] args) {
    new BookHotel("sony");
}
}
}

```



//VIEW BOOKED HOTEL

```

package travel.and.tourism.management.system;
import javax.swing.*;
import java.awt.*;
import java.sql.*;
import java.awt.event.*;

public class ViewBookedHotel extends JFrame implements ActionListener {
    JButton back;
    ViewBookedHotel (String username){
        setBounds(400,200,1000,600);
        getContentPane().setBackground(Color.WHITE);
        setLayout(null);

```

```
JLabel text = new JLabel ("VIEW BOOKED HOTEL DETAILS");
text.setFont(new Font("Tahoma",Font.BOLD,20));
text.setBounds(60,0,400,30);
add(text);

JLabel lblusername = new JLabel ("Username");
lblusername .setBounds(30,50,150,25);
add(lblusername);

JLabel labelusername = new JLabel ();
labelusername .setBounds(220,50,150,25);
add(labelusername);

JLabel lblid = new JLabel ("Hotel Name");
lblid .setBounds(30,90,150,25);
add(lblid);

JLabel labelpackage = new JLabel ();
labelpackage .setBounds(220,90,150,25);
add(labelpackage);

JLabel lblnumber = new JLabel ("Total Persons");
lblnumber .setBounds(30,130,150,25);
add(lblnumber);

JLabel labelpersons = new JLabel ();
labelpersons .setBounds(220,130,150,25);
add(labelpersons);

JLabel lbldays = new JLabel ("Total Days");
lbldays .setBounds(30,170,150,25);
add(lbldays);

JLabel labeldays = new JLabel ();
labeldays .setBounds(220,170,150,25);
add(labeldays);
JLabel lblac = new JLabel ("Ac/Non-Ac ");
lblac .setBounds(30,210,150,25);
add(lblac);

JLabel labelac = new JLabel ();
labelac .setBounds(220,210,150,25);
add(labelac);

JLabel lblfood = new JLabel ("Food Included ?");
lblfood .setBounds(30,250,150,25);
add(lblfood);
```

```
JLabel labelfood = new JLabel ();
labelfood .setBounds(220,250,150,25);
add(labelfood);

JLabel lblname = new JLabel ("Id");
lblname .setBounds(30,290,150,25);
add(lblname);

JLabel labelid = new JLabel ();
labelid .setBounds(220,290,150,25);
add(labelid);

JLabel lblgender = new JLabel ("Number");
lblgender .setBounds(30,330,150,25);
add(lblgender);

JLabel labelnumber = new JLabel ();
labelnumber .setBounds(220,330,150,25);
add(labelnumber);

JLabel lblcountry = new JLabel ("Phone");
lblcountry .setBounds(30,370,150,25);
add( lblcountry);

JLabel labelphone = new JLabel ();
labelphone .setBounds(220,370,150,25);
add(labelphone);

JLabel lbladdress = new JLabel ("Total Cost");
lbladdress .setBounds(30,410,150,25);
add(lbladdress);

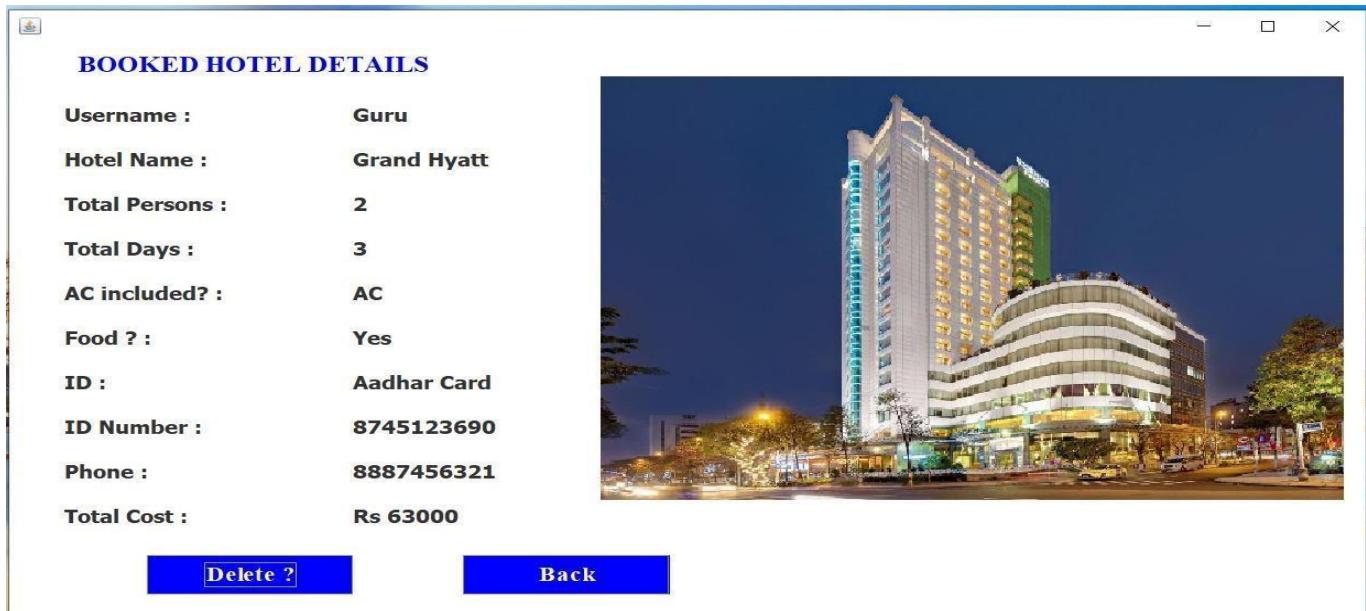
JLabel labelprice = new JLabel ();
labelprice .setBounds(220,410,150,25);
add(labelprice);

back = new JButton("Back");
back.setBounds(130,460,100,25);

    back.setBackground(Color.BLACK);
    back.setForeground(Color.WHITE);
    back.addActionListener(this);
    add(back);
```

```
ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/bookedDetails.jpg"));
Image i2 = i1.getImage().getScaledInstance(500,400 ,Image.SCALE_DEFAULT);
ImageIcon i3=new ImageIcon(i2);
JLabel image=new JLabel(i3);
image.setBounds(450,20,500,400);
add(image);
try {
    Conn conn = new Conn();
    String query = "select * from bookhotel where username = '"+username+"'";
    ResultSet rs = conn.s.executeQuery(query);
    while(rs.next()) {
        labelusername.setText(rs.getString("username"));
        labelid.setText(rs.getString("id"));
        labelnumber.setText(rs.getString("number"));
        labelpackage.setText(rs.getString("name"));
        labelprice.setText(rs.getString("price"));
        labelphone.setText(rs.getString("phone"));
        labelpersons.setText(rs.getString("persons"));
        labelfood.setText(rs.getString("food"));
        labelac.setText(rs.getString("ac"));
        labeldays.setText(rs.getString("days"));
    }
} catch (Exception e) {
}
setVisible(true);
}

public void actionPerformed(ActionEvent ae ) {
    setVisible(false);
}
public static void main(String [] args) {
    new ViewBookedHotel("sony");
}
}
```



//DESTINATIONS

```

package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;

public class Destinations extends JFrame implements Runnable {

    Thread t1;
    JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10;
    JLabel[] label = new JLabel[]{l1,l2,l3,l4,l5,l6,l7,l8,l9,l10};
    JLabel caption;
    public void run() {

        String[] text = new String[]{"JN Marriott Hotel", "Madarin Oriental Hotel", "Four Season Hotel", "Raddisson Blue Hotel", "Classio Hotel", "The Bay Club Hotel", "Breeze Blow Hotel", "The Taj Hotel", "Happy Morning Hotel", "River View Hotel"};

        try {
            for (int i = 0; i < 9 ; i++) {
                label[i].setVisible(true);
                Thread.sleep(2500);
                label[i].setVisible(false);
            }
        }catch (Exception e) {
            e.printStackTrace();
        }
    }
}

```

```
Destinations() {  
  
    setBounds(500,200,800,600);  
  
    caption = new JLabel();  
    caption.setBounds(50,500,1000,70);  
    caption.setFont(new Font("Tahoma",Font.PLAIN,40));  
    caption.setForeground(Color.WHITE);  
    add(caption);  
  
    ImageIcon i1 = null,i2= null,i3= null,i4= null,i5= null,i6= null,i7= null,i8= null,i9= null,i10= null;  
    ImageIcon[] image = new ImageIcon[]{i1,i2,i3,i4,i5,i6,i7,i8,i9,i10};  
  
    Image j1 = null,j2= null,j3= null,j4= null,j5= null,j6= null,j7= null,j8= null,j9= null,j10= null;  
    Image[] jimage = new Image[]{j1,j2,j3,j4,j5,j6,j7,j8,j9,j10};  
  
    ImageIcon k1 = null,k2= null,k3= null,k4= null,k5= null,k6= null,k7= null,k8= null,k9= null,k10= null;  
    ImageIcon[] kimage = new ImageIcon[]{k1,k2,k3,k4,k5,k6,k7,k8,k9,k10};  
  
    for (int i = 0; i < 9 ; i++) {  
        image[i]= new ImageIcon(ClassLoader.getSystemResource("icons /dest "+(i+1)+" .jpg"));  
        jimage[i] = image[i].getImage().getScaledInstance(800,600 ,Image.SCALE_DEFAULT);  
        kimage[i] = new ImageIcon(jimage[i]);  
        label[i] = new JLabel(kimage[i]);  
        label[i].setBounds(0,0,800,600);  
        add(label[i]);  
    }  
  
    t1 = new Thread(this);  
    t1.start();  
  
    setVisible(true);  
}  
  
public static void main(String [] args ) {  
    new Destinations();  
}  
}
```



//PAYMENT

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event.*;

public class Payment extends JFrame implements ActionListener{
    JButton pay,back;

    Payment() {
        setBounds(500,200,800,600);
        setLayout(null);
        ImageIcon i1= new ImageIcon(ClassLoader.getSystemResource("Icons/paytm.jpeg"));
        Image i2 = i1.getImage().getScaledInstance(800,600 ,Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel image=new JLabel(i3);
        image.setBounds(0,0,800,600);
        add(image);
        pay = new JButton("pay");
        pay.setBounds(420,10,80,40);
        pay.addActionListener(this);
        image.add(pay);
```

```
back = new JButton("Back");
back.setBounds(520,10,80,40);
back.addActionListener(this);
image.add(back);
setVisible(true);
}

public void actionPerformed(ActionEvent ae) {
if(ae.getSource() == pay) {
setVisible(false);
new Paytm();
}else {
setVisible(false);
}
}

public static void main(String [] args) {
new Payment();
}
}

// PAYTM
```

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.event.*;

public class Paytm extends JFrame implements ActionListener {

Paytm() {
setBounds(500,200,800,600);

JEditorPane pane = new JEditorPane();
pane.setEditable(false);

try {
pane.setPage("https://paytm.com/rent-payment");
}catch (Exception e) {
pane.setContentType("text/html");
pane.setText("<html> Could not Load, Error 404</html>");
}
}
```

```
JScrollPane sp = new JScrollPane(pane);
getContentPane().add(sp);

JButton back = new JButton("Back");
back.setBounds(610,20,80,40);
back.addActionListener(this);
pane.add(back);

setVisible(true);
}

public void actionPerformed (ActionEvent ae) {
setVisible(false);
new Payment();
}

public static void main(String[]args) {
new Paytm();
}
}
```



//ABOUT

```
package travel.and.tourism.management.system;

import javax.swing.*;
import java.awt.*;
import java.awt.event;
```

```
public class About extends JFrame implements ActionListener
```

```
{
```

```
    About()
```

```
{
```

```
    setBounds(600,200,500,550);  
    setLayout(null);  
    getContentPane().setBackground(Color.WHITE);
```

```
    JLabel l1 = new JLabel("ABOUT");  
    l1.setBounds(200,10,100,40);  
    l1.setForeground(Color.RED);  
    l1.setFont(new Font ("Tahuma",Font.BOLD,20));  
    add(l1);
```

```
    String s = "About Projects \n" +
```

```
        "\n" +
```

"This objective of the Travel and Tourism Management System project is to develop a system that automates the processes "

+ "and activities of a travel and the purpose is to design a system using which one can perform all operations related "

```
    String s = "About Projects \n" +
```

```
        "\n" +
```

"This objective of the Travel and Tourism Management System project is to develop a system that automates the processes "

+ "and activities of a travel and the purpose is to design a system using which one can perform all operations related "

```
+ "to traveling.\n\n" +
```

"This application will help in accessing the information related to the travel to the particular

Destination

with great ease"

+ "The user can track the information related to their tours with great ease through this application.
The travel agency "

```
+ "information can also be obtained through this application \n \n "+
```

"Advantages of project :\n \n"+

".Gives accurate information\n"+

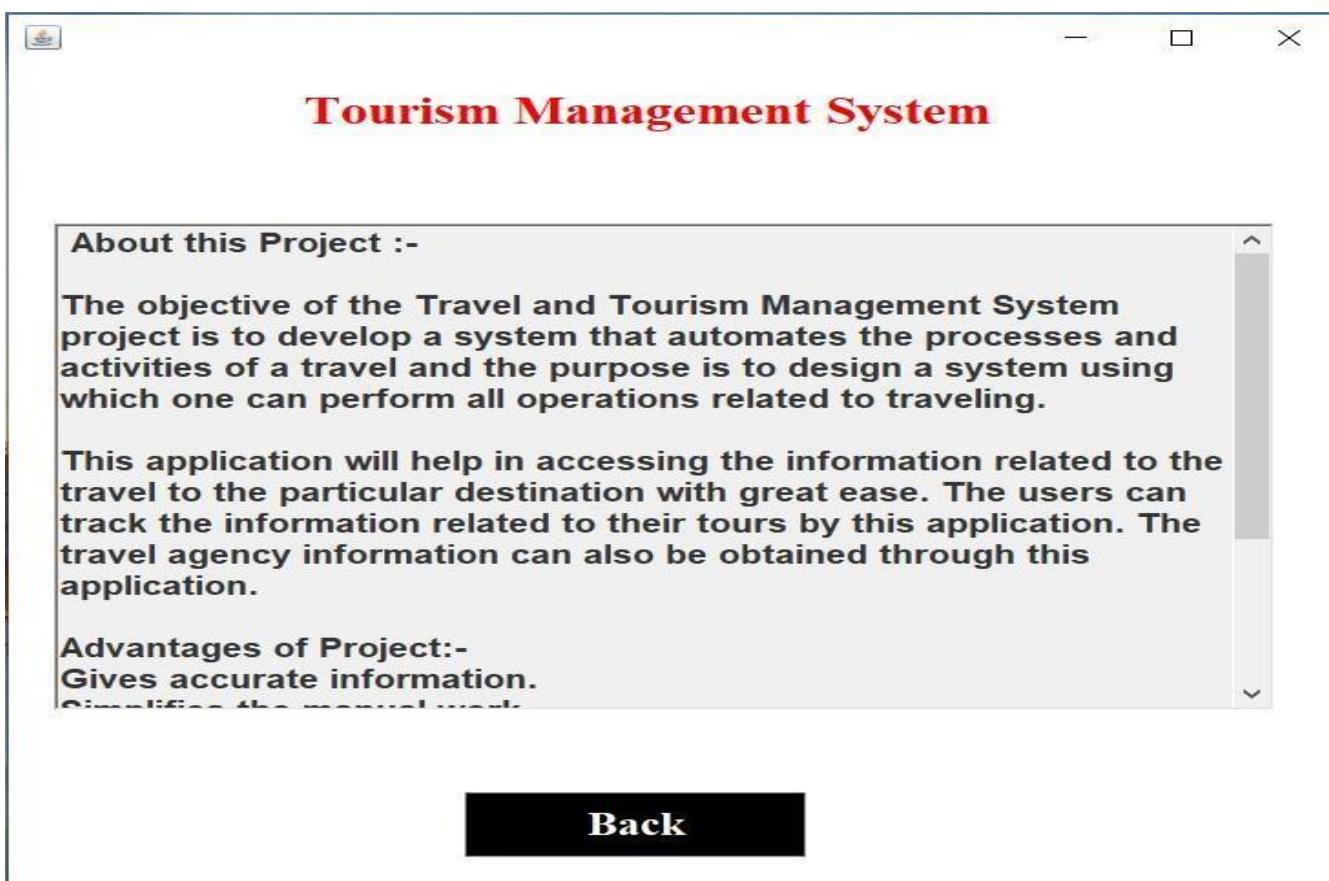
```
".Simplifies the manual work\n"+
```

```
".It minimizes the documentation related work\n"+
```

```
".Provides up to date information\n" +
```

```
".Friendly Environment by providing warning messages.\n"+
```

```
".travelers details can be provided\n"+  
    ".booking confirmation notification";  
TextArea area = new TextArea(s,10,40,Scrollbar.VERTICAL);  
area.setEditable(false);  
area.setBounds(20,100,450,300);  
add(area);  
  
JButton back = new JButton("Back");  
back.setBounds(200,420,100,25);  
back.addActionListener(this);  
add(back);  
  
setVisible (true);  
}  
public void actionPerformed (ActionEvent ae)  
{  
    setVisible(false);  
}  
public static void main(String [] args) {  
    new About() ;  
}  
}
```



CHAPTER 5**TESTING**

| Test cases No. | Test case | Input Data | Steps to execute the test case | Expected Result | Actual Result | Pass/Fail |
|-----------------------|------------------|-------------------------------|--|--|---|------------------|
| 1 | Login Screen | Wrong username or password | After entering the data click on the login button | A proper message indicating the error should appear and the user should be redirected to login screen. | A message was displayed saying Invalid username or password | Pass |
| 2 | Insertion | If any field was not entered. | After entering the data click on the create button | A proper message indicating the error should appear and the user should be redirected to customer screen. | A message was displayed saying Enter all the details properly | Pass |
| 3 | Deletion | If any field was not entered. | After entering the data click on the delete button | A proper message indicating the error should appear and the user should be redirected to customer screen. | A message was displayed saying Enter all the details properly | Pass |
| 4 | Update | If any field was not entered. | After entering the data click on the update button | A proper message indicating the error should appear and the user should be redirected to update customer screen. | A message was displayed saying Enter all the details properly | Pass |

CHAPTER 6

CONCLUSION AND FUTURE ENHANCEMENT

The process of the system we can consider here, can maintain the databases of the system. We can insert to the databases and retrieve all the information.

The main aim of this project is to help the tourists to manage their trip. It makes all operation of the tour company easy and accurate. The standalone platform makes tourism management easy by handling requests and providing servers for the customers located at different parts of the various cities. Different modules have been incorporated in this project to handle different parts and sector of the tour management field.

CHAPTER 7

REFERENCES

We have taken references from many resources like YouTube and many websites.

Websites:

- <https://www.w3schools.com>
- <https://www.javatpoint.com>
- <https://www.codecademy.com>
- <https://www.stackoverflow.com>

YouTube video links:

1. <https://youtu.be/5vzCjvUwMXg>
2. https://youtu.be/dwVj_g3TpZ4
3. <https://youtu.be/L5RpqspNAu>