

Tourism Travel Management System

A PROJECT REPORT

for

CSE1007 - Java Programming

in

B.Tech (IT)

by

Raavi Shiva Seshi Reddy(19BIT0173)

Fall Semester 2021 -2022

Under the Guidance of

Anitha A

SITE



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Information Technology and Engineering

DEC, 2021

Tourism Travel Management System

Abstract

Tourism Travel Management System is a standalone desktop application designed for the specified travel agency which is makes to give surprise to their customers by offering the good package offers based on the season to handle the data of the customers who receive their services through by traditional model of Booking.

1. Aim:

To create an effective standalone desktop application for a travel agency to main the offline traditional customer bookings and to store the data.

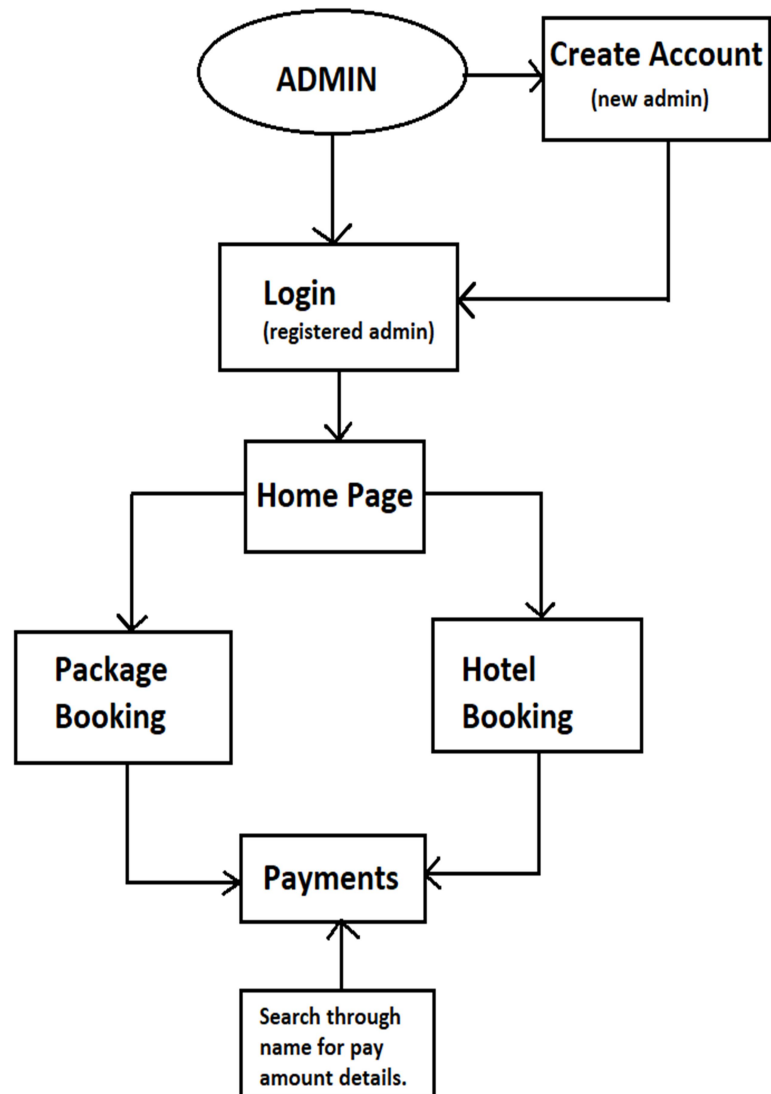
2. Introduction:

Tourism Travel management System is designed to handle customer who are interested to book their special travel holidays by considering the special offers provided by the travel agency and store the information of the customers into their database for further usage of data.

3. H/W and S/W specifications:

- I. Windows operating system.
- II. Java Development kit (JDK) 8 version.
- III. Net beans 8 version.
- IV. JDBC connector (".jar" file).
- V. MySQL database.
- VI. JavaFX.
- VII. Scene Builder.

4. Architecture – DFD:



4.1 Module:

There are three modules in this project:

- I. Package Booking
- II. Hotel Booking
- III. Payments.

1. Package Booking – we can book the package which we want and these packages are offered by travel agency.

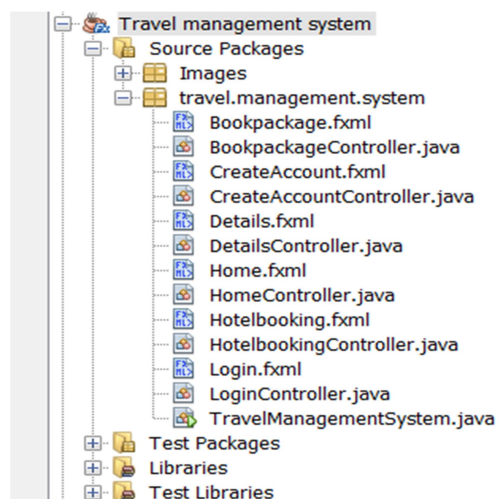
2. Hotel Booking – we can also book our hotel by specifying the hotel location.

3. Payments – finally admin can lead to payments section here you can see the total payable amount.

5. Experimental analysis:

The application I created is working properly as per the functionalities provided to it and we will get all the positive outcomes through it.

5.1 Coding:



Main:

TravelManagementSystem.java

```
package travel.management.system;
```

```
import javafx.application.Application;
```

```
import javafx.fxml.FXMLLoader;
```

```
import javafx.scene.Parent;
```

```
import javafx.scene.Scene;
```

```
import javafx.stage.Stage;
```

```
/**
```

```
*
```

```
* @author Raavi shiva seshi reedy
```

```
*/
```

```
public class TravelManagementSystem extends Application {
```

```
    @Override
```

```
    public void start(Stage stage) throws Exception {
```

```
        Parent root = FXMLLoader.load(getClass().getResource("Login.fxml"));
```

```
        Scene scene = new Scene(root);
```

```
        stage.setScene(scene);
```

```
        stage.show();
```

```
    }
```

```
    public static void main(String[] args) {
```

```
        launch(args);
```

```
}
```

```
}
```

Login:

LoginController.java

```
package travel.management.system;
```

```
import java.io.IOException;
```

```
import java.net.URL;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.util.ResourceBundle;
```

```
import javafx.event.ActionEvent;
```

```
import javafx.fxml.FXML;
```

```
import javafx.fxml.FXMLLoader;
```

```
import javafx.fxml.Initializable;
```

```
import javafx.scene.Node;
```

```
import javafx.scene.Parent;
```

```
import javafx.scene.Scene;
```

```
import javafx.scene.control.Button;
```

```
import javafx.scene.control.Label;
```

```
import javafx.scene.control.TextField;
```

```
import javafx.stage.Stage;
```

```
/**
 * FXML Controller class
 *
 * @Raavi Shiva Seshi Reddy
 */
public class LoginController implements Initializable {

    @FXML
    private TextField t1;

    @FXML
    private TextField t2;

    @FXML
    private Button b1;

    @FXML
    private Button b2;

    @FXML
    private Button b3;

    @FXML
    private Label l1;

    @Override
    public void initialize(URL url, ResourceBundle rb) {
    }

    @FXML
    private void getcreateaccount(ActionEvent event) throws IOException {
        Parent root = FXMLLoader.load(getClass().getResource("CreateAccount.fxml"));
```

```

        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

        Scene scene = new Scene(root);

        stage.setScene(scene);

        stage.show();

    }

```

@FXML

```

private void getexit(ActionEvent event) {

    System.exit(0);

}

```

@FXML

```

private void getlogin(ActionEvent event) {

    if(t1.getText().isEmpty() && t2.getText().isEmpty()){

        l1.setText("Enter the username and password");

    }

    String username = t1.getText();

    String password = t2.getText();

    try{

        Class.forName("com.mysql.jdbc.Driver");

        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

        PreparedStatement s = con.prepareStatement("select * from admin where username
        = ? and password = ?");

        s.setString(1, username);

        s.setString(2, password);
    }
}

```



```

        ResultSet r = s.executeQuery();

        if(r.next() == true){

            l1.setText("Login successful!");

            Parent root = FXMLLoader.load(getClass().getResource("Home.fxml"));

            Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

            Scene scene = new Scene(root);

            stage.setScene(scene);

            stage.show();

            System.out.println("success!");

        }

        else{

            l1.setText("invalid login!");

        }

    }

    catch(Exception e){

        System.out.println(e);

    }

}

```

Creating account:

CreateAccountController.java

```
package travel.management.system;
```

```
import java.io.IOException;
```

```
import java.net.URL;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;

import java.sql.Statement;

import java.util.ResourceBundle;

import javafx.event.ActionEvent;

import javafx.fxml.FXML;

import javafx.fxml.FXMLLoader;

import javafx.fxml.Initializable;

import javafx.scene.Node;

import javafx.scene.Parent;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.Label;

import javafx.scene.control.TextField;

import javafx.stage.Stage;

/**
 * FXML Controller class
 *
 * @author Raavi shiva seshi reddy
 */
public class CreateAccountController implements Initializable {

    @FXML

    private TextField t1;

    @FXML

    private TextField t2;

    @FXML

    private TextField t3;
```

```

@FXML
private TextField t4;

@FXML
private TextField t5;

@FXML
private Button b1;

@FXML
private Button b3;

@FXML
private Label l1;

@Override
public void initialize(URL url, ResourceBundle rb) {

}

@FXML
private void getcreated(ActionEvent event) {

    String username = t1.getText();

    String name = t2.getText();

    String email = t3.getText();

    String password = t4.getText();

    String mobile = t5.getText();

    if(t1.getText().isEmpty() || t2.getText().isEmpty() || t3.getText().isEmpty() ||
t4.getText().isEmpty() || t5.getText().isEmpty()){

        l1.setText("Enter all the required details!");

    }

    else{

        try{

```

```

        Class.forName("com.mysql.jdbc.Driver");

        Connection con =
        DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

        Statement s = con.createStatement();

        String s1 = "insert into admin(username,name,email,password,mobile) values
        ('"+username+"','"+name+"','"+email+"','"+password+"','"+mobile+"');";

        System.out.println("success");

        s.executeUpdate(s1);

        System.out.println("success!");
    }

    catch(Exception e){

        System.out.println(e);

    }

    l1.setText("Account created!");

}

}

@FXML

private void getlogin(ActionEvent event) throws IOException {

    Parent root = FXMLLoader.load(getClass().getResource("Login.fxml"));

    Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

    Scene scene = new Scene(root);

    stage.setScene(scene);

    stage.show();

}

@FXML

private void getback(ActionEvent event) throws IOException {

    Parent root = FXMLLoader.load(getClass().getResource("Login.fxml"));

```

```

        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

        Scene scene = new Scene(root);

        stage.setScene(scene);

        stage.show();

    }

}

```

Home page:

HomeController.java

```

package travel.management.system;

import java.io.IOException;

import java.net.URL;

import java.util.ResourceBundle;

import javafx.event.ActionEvent;

import javafx.fxml.FXML;

import javafx.fxml.FXMLLoader;

import javafx.fxml.Initializable;

import javafx.scene.Node;

import javafx.scene.Parent;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.stage.Stage;

/**
 *
 * FXML Controller class
 *
 * @author Raavi shiva seshi reddy
 */

```

```
public class HomeController implements Initializable {
```

```
    @FXML
```

```
    private Button b2;
```

```
    @FXML
```

```
    private Button b3;
```

```
    @FXML
```

```
    private Button b4;
```

```
    @FXML
```

```
    private Button b5;
```

```
    @Override
```

```
    public void initialize(URL url, ResourceBundle rb) {
```

```
    }
```

```
    @FXML
```

```
    private void getpackage(ActionEvent event) throws IOException {
```

```
        Parent root = FXMLLoader.load(getClass().getResource("Bookpackage.fxml"));
```

```
        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();
```

```
        Scene scene = new Scene(root);
```

```
        stage.setScene(scene);
```

```
        stage.show();
```

```
    }
```

```
    @FXML
```

```
    private void gethotel(ActionEvent event) throws IOException {
```

```
        Parent root = FXMLLoader.load(getClass().getResource("Hotelbooking.fxml"));
```

```
        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();
```

```
        Scene scene = new Scene(root);
```

```

        stage.setScene(scene);

        stage.show();
    }

    @FXML

    private void getdetails(ActionEvent event) throws IOException {

        Parent root = FXMLLoader.load(getClass().getResource("Details.fxml"));

        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

        Scene scene = new Scene(root);

        stage.setScene(scene);

        stage.show();
    }

    @FXML

    private void getlogout(ActionEvent event) throws IOException {

        Parent root = FXMLLoader.load(getClass().getResource("Login.fxml"));

        Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

        Scene scene = new Scene(root);

        stage.setScene(scene);

        stage.show();
    }
}

```

Package Booking:

BookpackageController.java

```
package travel.management.system;
```

```
import java.io.IOException;
```

```
import java.net.URL;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;

import java.sql.Statement;

import java.util.ResourceBundle;

import javafx.collections.FXCollections;

import javafx.collections.ObservableList;

import javafx.event.ActionEvent;

import javafx.fxml.FXML;

import javafx.fxml.FXMLLoader;

import javafx.fxml.Initializable;

import javafx.scene.Node;

import javafx.scene.Parent;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.CheckBox;

import javafx.scene.control.ChoiceBox;

import javafx.scene.control.Label;

import javafx.scene.control.RadioButton;

import javafx.scene.control.TextField;

import javafx.scene.control.ToggleGroup;

import javafx.stage.Stage;

/**
 * FXML Controller class
 *
 * @author Raavi shiva seshi reddy
 */
public class BookpackageController implements Initializable {
```



```
ObservableList gender = FXCollections.observableArrayList();

ObservableList city = FXCollections.observableArrayList();

ObservableList payment = FXCollections.observableArrayList();

@FXML

private RadioButton rb1;

@FXML

private ToggleGroup selectbutton;

@FXML

private RadioButton rb2;

@FXML

private RadioButton rb3;

@FXML

private TextField t1;

@FXML

private TextField t3;

@FXML

private TextField t2;

@FXML

private ChoiceBox<?> c2;

@FXML

private TextField t6;

@FXML

private Button b1;

@FXML

private TextField t4;

@FXML
```

```
private TextField t5;

@FXML

private Button b2;

@FXML

private Label l1;

@FXML

private Button b3;

@FXML

private ChoiceBox<?> c1;

@FXML

private CheckBox ch1;

@Override

public void initialize(URL url, ResourceBundle rb) {

    additemsgender();

    additemscity();

}

public void additemsgender(){//user created method to additems

    String g1 = "male";

    String g2 = "female";

    String g3 = "other";

    gender.addAll(g1,g2,g3);

    c2.getItems().addAll(gender);

}

public void additemscity(){//user created method to additems

    String g1 = "goa";

    String g2 = "hyderabad";
```

```

String g3 = "shimla";

String g4 = "ooty";

String g5 = "chennai";

city.addAll(g1,g2,g3,g4,g5);

c1.getItems().addAll(city);
}

@FXML

private void getcalculate(ActionEvent event) {

    int amount = 0;

    int count = Integer. parseInt(t5. getText());

    if(rb1.isSelected()){

        amount += count * 2200;

        t6.setText(String.valueOf(amount));

    }

    if(rb2.isSelected()){

        amount += count * 1700;

        t6.setText(String.valueOf(amount));

    }

    if(rb3.isSelected()){

        amount += count * 1250;

        t6.setText(String.valueOf(amount));

    }

}

@FXML

private void getbooked(ActionEvent event) {

    if(ch1.isSelected()){

```

```
String packages = "";

int amount = 0;

int count = Integer.parseInt(t5.getText());

if(rb1.isSelected()){

    packages = "platinum";

    amount += count * 2200;

    t6.setText(String.valueOf(amount));

}

if(rb2.isSelected()){

    packages = "gold";

    amount += count * 1700;

    t6.setText(String.valueOf(amount));

}

if(rb3.isSelected()){

    packages = "silver";

    amount += count * 1250;

    t6.setText(String.valueOf(amount));

}

String name = t1.getText();

int age = Integer.parseInt(t2.getText());

String mobile = t3.getText();

String gen = (c2.getValue()).toString();

String email = t4.getText();

String des = (c1.getValue()).toString();

try{

    Class.forName("com.mysql.jdbc.Driver");
```

```

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

        Statement s = con.createStatement();

        String s1 = "insert into
packages(c_name,c_age,c_mobile,c_gender,c_email,c_count,c_package,c_destination,c_am
ount) values
('"+name+"','"+age+"','"+mobile+"','"+gen+"','"+email+"','"+count+"','"+packages+"','"+des+"
','"+amount+"');";

        System.out.println("success");

        s.executeUpdate(s1);
    }

    catch(Exception e){

        System.out.println(e);
    }

    l1.setText("booked!");
}

else{

    l1.setText("make conformation!");
}

}

@FXML

private void getback(ActionEvent event) throws IOException {

    Parent root = FXMLLoader.load(getClass().getResource("Home.fxml"));

    Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

    Scene scene = new Scene(root);

    stage.setScene(scene);

    stage.show();

    System.out.println("success!");
}

```

```
}  
}
```

Hotel booking:

HotelbookingController.java

```
package travel.management.system;  
  
import java.io.IOException;  
  
import java.net.URL;  
  
import java.sql.Connection;  
  
import java.sql.DriverManager;  
  
import java.sql.Statement;  
  
import java.util.ResourceBundle;  
  
import javafx.collections.FXCollections;  
  
import javafx.collections.ObservableList;  
  
import javafx.event.ActionEvent;  
  
import javafx.fxml.FXML;  
  
import javafx.fxml.FXMLLoader;  
  
import javafx.fxml.Initializable;  
  
import javafx.scene.Node;  
  
import javafx.scene.Parent;  
  
import javafx.scene.Scene;  
  
import javafx.scene.control.Button;  
  
import javafx.scene.control.CheckBox;  
  
import javafx.scene.control.ChoiceBox;  
  
import javafx.scene.control.DatePicker;  
  
import javafx.scene.control.Label;  
  
import javafx.scene.control.TextField;
```

```
import javafx.stage.Stage;

/**
 * FXML Controller class
 *
 * @author Raavi shiva seshi reddy
 */
public class HotelbookingController implements Initializable {

    ObservableList city = FXCollections.observableArrayList();

    ObservableList roomtype = FXCollections.observableArrayList();

    @FXML
    private ChoiceBox<String> c1;

    @FXML
    private ChoiceBox<String> c2;

    @FXML
    private Button b1;

    @FXML
    private TextField t3;

    @FXML
    private TextField t4;

    @FXML
    private DatePicker d1;

    @FXML
    private DatePicker d2;

    @FXML
    private CheckBox ch1;

    @FXML
```

```
private Button b2;

@FXML

private Button b3;

@FXML

private TextField t2;

@FXML

private TextField t1;

@FXML

private Label l1;

String name;

String fromdate;

String todate;

String location;

String room;

int count;

int amount;

String hotel;

public void additemscity(){//user created method to additems

    String g1 = "goa";

    String g2 = "hyderabad";

    String g3 = "shimla";

    String g4 = "ooty";

    String g5 = "chennai";

    city.addAll(g1,g2,g3,g4,g5);

    c1.getItems().addAll(city);

}
```



```

public void additemsroomtype(){//user created method to additems

    String g1 = "ac";

    String g2 = "non-ac";

    roomtype.addAll(g1,g2);

    c2.getItems().addAll(roomtype);

}

@Override

public void initialize(URL url, ResourceBundle rb) {

    additemscity();

    additemsroomtype();

}

@FXML

private void getdetailshotel(ActionEvent event) {

    details();

}

@FXML

private void getbooked(ActionEvent event) {

    details();

    if(ch1.isSelected()){

        try{

            Class.forName("com.mysql.jdbc.Driver");

            Connection con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

            Statement s = con.createStatement();

            String s1 = "insert into

hotels(c_name,c_location,c_room,c_count,c_hotelname,c_fromdate,c_todate,c_amount)

```

```

values
(""+name+"",""+location+"",""+room+"",""+count+"",""+hotel+"",""+fromdate+"",""+todate+"",""+
amount+"");";

        System.out.println("success");

        s.executeUpdate(s1);

    }

    catch(Exception e){

        System.out.println(e);

    }

    l1.setText("booked!");

}

else{

    l1.setText("make conformation!");

}

}

public void details(){

    name = t1.getText();

    fromdate = d1.getValue().toString();

    todate = d2.getValue().toString();

    location = (c1.getValue()).toString();

    room = (c2.getValue()).toString();

    count = Integer.parseInt(t2.getText());

    amount = 0;

    hotel = "";

    if(location.equals("goa")){

        if(room.equals("ac")){

            hotel += "vihari hotels";

```

```
        amount += count * 1200;

        t4.setText(String.valueOf(amount));

        t3.setText(hotel);
    }
}
```

```
if(room.equals("non-ac")){

    hotel += "rainbow hotels";

    amount += count * 800;

    t4.setText(String.valueOf(amount));

    t3.setText(hotel);

}
}
```

```
if(location.equals("hyderabad")){

    if(room.equals("ac")){

        hotel += "peach hotels";

        amount += count * 1600;

        t4.setText(String.valueOf(amount));

        t3.setText(hotel);

    }

}
```

```
if(room.equals("non-ac")){

    hotel += "manya hotels";

    amount += count * 900;

    t4.setText(String.valueOf(amount));

    t3.setText(hotel);

}
}
```

```
}  
  
if(location.equals("chennai")){  
    if(room.equals("ac")){  
        hotel += "raintreepark hotels";  
        amount += count * 1100;  
        t4.setText(String.valueOf(amount));  
        t3.setText(hotel);  
    }  
}
```

```
    if(room.equals("non-ac")){  
        hotel += "sunflow hotels";  
        amount += count * 900;  
        t4.setText(String.valueOf(amount));  
        t3.setText(hotel);  
    }  
}
```

```
if(location.equals("shimla")){  
    if(room.equals("ac")){  
        hotel += "bounty hotels";  
        amount += count * 1800;  
        t4.setText(String.valueOf(amount));  
        t3.setText(hotel);  
    }  
}
```

```
    if(room.equals("non-ac")){  
        hotel += "ajantha hotels";  
    }  
}
```

```

        amount += count * 600;

        t4.setText(String.valueOf(amount));

        t3.setText(hotel);
    }
}

if(location.equals("ooty")){

    if(room.equals("ac")){

        hotel += "leaf hotels";

        amount += count * 1500;

        t4.setText(String.valueOf(amount));

        t3.setText(hotel);
    }


    if(room.equals("non-ac")){

        amount += count * 600;

        t4.setText(String.valueOf(amount));

        hotel += "mapple hotels";

        t3.setText(hotel);
    }
}

}

@FXML

private void getback(ActionEvent event) throws IOException {

    Parent root = FXMLLoader.load(getClass().getResource("Home.fxml"));

    Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

    Scene scene = new Scene(root);

```

```
        stage.setScene(scene);

        stage.show();

        System.out.println("success!");
    }
}
```

Payments:

DetailsController.java

```
package travel.management.system;

import java.io.IOException;

import java.net.URL;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import java.util.ResourceBundle;

import javafx.event.ActionEvent;

import javafx.fxml.FXML;

import javafx.fxml.FXMLLoader;

import javafx.fxml.Initializable;

import javafx.scene.Node;

import javafx.scene.Parent;

import javafx.scene.Scene;

import javafx.scene.control.Button;

import javafx.scene.control.CheckBox;

import javafx.scene.control.ChoiceBox;
```

```
import javafx.scene.control.Label;

import javafx.scene.control.TextField;

import javafx.stage.Stage;

/**
 * FXML Controller class
 *
 * @author Raavi shiva seshi reddy
 */
public class DetailsController implements Initializable {

    @FXML

    private TextField t1;

    @FXML

    private Button b1;

    @FXML

    private TextField t2;

    @FXML

    private TextField t3;

    @FXML

    private TextField t4;

    @FXML

    private TextField t5;

    @FXML

    private CheckBox cb1;

    @FXML

    private Button b3;
```

```
@FXML

private Button b4;

@FXML

private Label l1;

@Override

public void initialize(URL url, ResourceBundle rb) {

}

int amountpackage;

int amounthotel;

int total;

String name;

String transid;

String status;


@FXML

private void getsearch(ActionEvent event) {

    getdetails();

}

@FXML

private void getpaid(ActionEvent event) {

    getdetails();

    if(cb1.isSelected()){

        try{

            status = "paid";

            Class.forName("com.mysql.jdbc.Driver");
```



```

        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

        Statement s = con.createStatement();

        String s1 = "insert into
payments(c_name,c_packageamount,c_hotelamount,c_total,c_transectionid,c_status)
values
('"+name+"','"+amountpackage+"','"+amounthotel+"','"+total+"','"+transid+"','"+status+"');"

        System.out.println("success");

        s.executeUpdate(s1);
    }

    catch(Exception e){

        System.out.println(e);
    }

    l1.setText("paid!");
}

else{

    l1.setText("make conformation!");
}
}

```

@FXML

```

private void getback(ActionEvent event) throws IOException {

    Parent root = FXMLLoader.load(getClass().getResource("Home.fxml"));

    Stage stage = (Stage)((Node)event.getSource()).getScene().getWindow();

    Scene scene = new Scene(root);

    stage.setScene(scene);

    stage.show();

    System.out.println("success!");
}

```

```

    }

    public void getdetails(){

        name = t1.getText();

        transid = t5.getText();

        try{

            Class.forName("com.mysql.jdbc.Driver");

            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/travel", "root", "shiva@123R");

            PreparedStatement s1 = con.prepareStatement("select c_amount from packages
            where c_name = '"+name+"'");

            PreparedStatement s2 = con.prepareStatement("select c_amount from hotels where
            c_name = '"+name+"'");

            ResultSet r1 = s1.executeQuery();

            while (r1.next()) {

                amountpackage = r1.getInt("c_amount");

            }

            ResultSet r2 = s2.executeQuery();

            while (r2.next()) {

                amounthotel = r2.getInt("c_amount");

            }

            t2.setText(String.valueOf(amountpackage));

            t3.setText(String.valueOf(amounthotel));

            total = amountpackage + amounthotel;

            t4.setText(String.valueOf(total));

        }

        catch(Exception e){

            System.out.println(e);

```

```
    }  
}  
  
}
```

Database:

```
show databases;
```

```
create database travel;
```

```
use travel;
```

```
create table admin(  
    username varchar(30),  
    name varchar(35),  
    email varchar(35),  
    password varchar(15),  
    mobile varchar(10),  
    primary key(username));
```

```
create table packages(  
    c_name varchar(35),  
    c_age int,  
    c_mobile varchar(10),  
    c_gender varchar(15),  
    c_email varchar(35),  
    c_count int,  
    c_package varchar(20),  
    c_destination varchar(25),  
    c_amount int,
```

```
primary key(c_name));
```

```
create table hotels(  
  c_name varchar(35),  
  c_location varchar(25),  
  c_room varchar(10),  
  c_count int,  
  c_hotelname varchar(25),  
  c_fromdate varchar(20),  
  c_todate varchar(20),  
  c_amount int,  
  primary key(c_name));
```

```
create table payments(  
  c_name varchar(35),  
  c_packageamount int,  
  c_hotelamount int,  
  c_total int,  
  c_transectionid varchar(12),  
  c_status varchar(10),  
  primary key(c_name));
```

Complete Project available on Github:

<https://github.com/Raavishivaseshireddy-1/Torism-Travel-management-system>

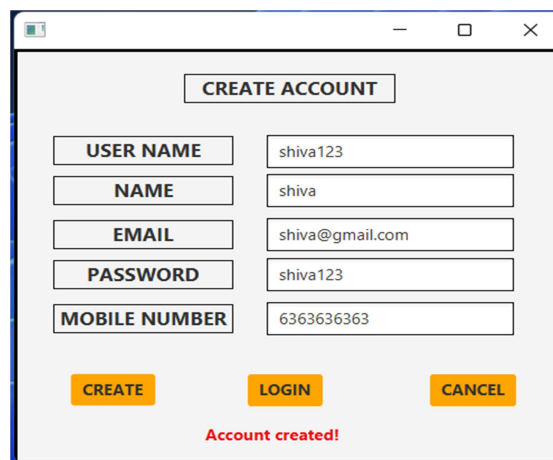
5.2 snapshots:

APPLICATION DEMONSTRATION:

1. Assigned admin of the travel agency create the account through his system and handles the customer details.

i) CREATING THE ACCOUNT:

- After giving the required input it displayed account created and the data was stored in database.



CREATE ACCOUNT

USER NAME	shiva123
NAME	shiva
EMAIL	shiva@gmail.com
PASSWORD	shiva123
MOBILE NUMBER	6363636363

CREATE LOGIN CANCEL

Account created!

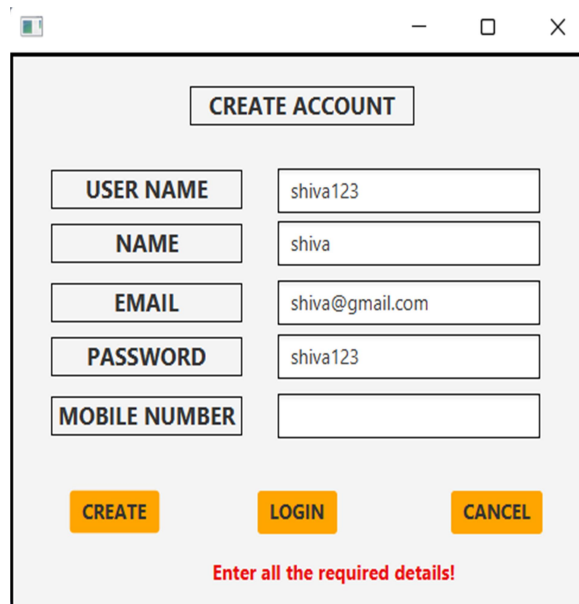
```
MySQL 8.0 Command Line Client
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+-----+
| Database |
+-----+
| book     |
| courses  |
| hospital |
| information_schema |
| isaa     |
| mysql    |
| org1     |
| performance_schema |
| tms      |
| travel   |
| user1    |
+-----+
11 rows in set (0.04 sec)

mysql> use travel;
Database changed
mysql> select * from admin;
+-----+-----+-----+-----+-----+
| username | name  | email                | password | mobile |
+-----+-----+-----+-----+-----+
| shiva123 | shiva | shiva@gmail.com      | shiva123 | 6363636363 |
+-----+-----+-----+-----+-----+
1 row in set (0.11 sec)

mysql> _
```

- If you fail to input the required details it warns you enter the required details.



CREATE ACCOUNT

USER NAME shiva123

NAME shiva

EMAIL shiva@gmail.com

PASSWORD shiva123

MOBILE NUMBER

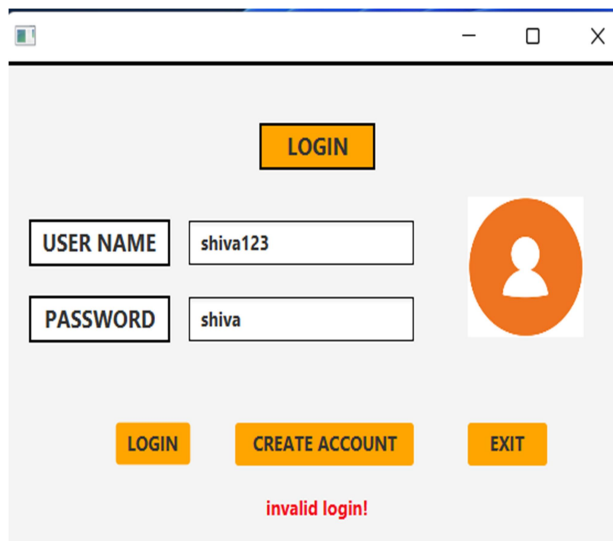
CREATE LOGIN CANCEL

Enter all the required details!

ii) Login

Enter the Login credentials that we created while account creation.

- If you entered invalid details it throws in invalid login.



LOGIN

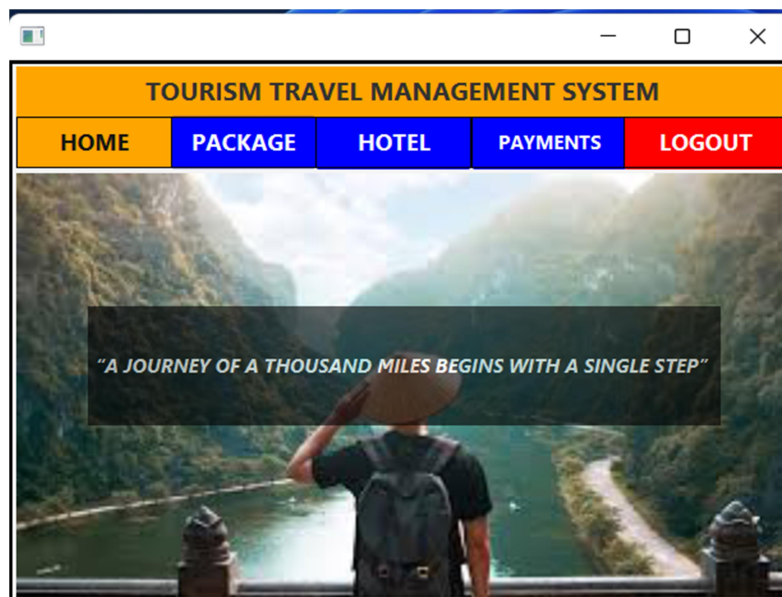
USER NAME shiva123

PASSWORD shiva

LOGIN CREATE ACCOUNT EXIT

invalid login!

- If you entered with correct credentials it lands you to home page of application.



iii) Booking of Packages:

Admin can enter the package details and customer details and book the package and admin can make sure that make the conformation and then proceed for otherwise that data was not stored and show the error "make conformation".

A screenshot of a web browser displaying the 'PACKAGES' booking form. The form is divided into two main sections: 'PACKAGES' and 'CUSTOMER DETAILS'.
PACKAGES Section:
- A dropdown menu for 'DESTINATION' is set to 'goa'.
- Three radio buttons for package types: 'PLATINUM' (selected), 'GOLD', and 'SLIVER'.
- On the right, three package options are listed:
 - **PLATINUM:** COST: 2200(/HEAD), DAYS: 7 DAYS (only the package)
 - **GOLD:** COST: 1700(/HEAD), DAYS: 5 DAYS (only the package)
 - **SILVER:** COST: 1250(/HEAD), DAYS: 3 DAYS (only the package)
CUSTOMER DETAILS Section:
- Fields for 'NAME' (sai), 'AGE' (24), 'MOBILE' (6565656565), 'GENDER' (male), 'EMAIL' (sai@gmail.com), and 'COUNT' (4).
- A 'CALCULATE' button is below these fields.
- The 'AMOUNT' field shows '8800'.
- At the bottom, there is a checkbox for 'conformation' (checked), a 'BOOK' button, the text 'booked!' in red, and a '<BACK' button.

```
mysql> select * from packages;
```

c_name	c_age	c_mobile	c_gender	c_email	c_count	c_package	c_destination	c_amount
sai	24	6565656565	male	sai@gmail.com	4	platinum	goa	8800

```
1 row in set (0.00 sec)
```

```
mysql>
```

iv) Book Hotels:

Admin required to fill the customer details and make the confirmation to book and store the details of the customer in data base.

[illegible]

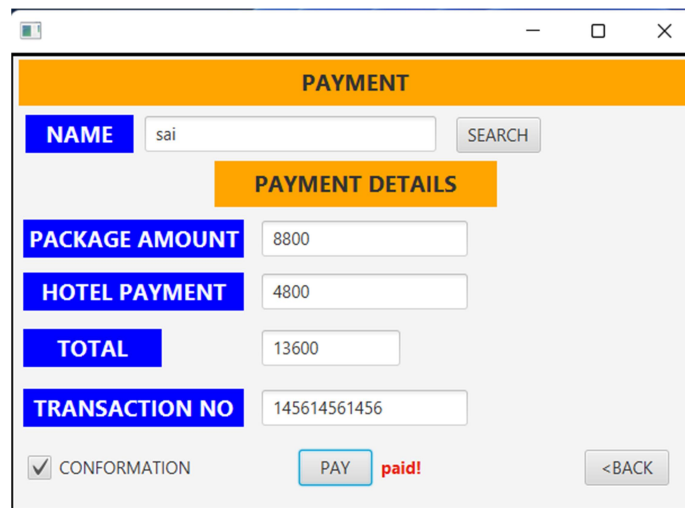
```
mysql> select * from hotels;
```

c_name	c_location	c_room	c_count	c_hotelname	c_fromdate	c_todate	c_amount
sai	goa	ac	4	vihari hotels	2021-12-01	2021-12-05	4800

```
1 row in set (0.00 sec)
```

```
mysql>
```


iv) Finally go to payments and search the customer name and get payment details and fill the required details to make payment and make conformation done with payment without conformation it doesn't accept the payment details to store in database.



```
MySQL 8.0 Command Line Client
mysql> select * from payments;
+-----+-----+-----+-----+-----+-----+
| c_name | c_packageamount | c_hotelamount | c_total | c_transectionid | c_status |
+-----+-----+-----+-----+-----+-----+
| sai    | 8800            | 4800          | 13600   | 145614561456    | paid     |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.02 sec)

mysql>
```

Result Discussion:

As per given working functionality for the application works properly and generates the positive outputs in all the business logics involved in like calculating charges, storing of data to data base and retrieving of data from data base, etc.

Conclusion:

The main aim of the project is full filled it requirements by using the features of the java which make the project in proper way all the libraries in java works good and very much suitable for this project.