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## AIM

The main aim of our project is to improve the services for Customers. The central concept of the application is to allow the customer to book train tickets using the Internet with just a click of the mouse. It is better way in which the person doesn't need to go to the station to book tickets.

## INTRODUCTION

**Train Tickets**

This program allows customers to book Train Tickets. It also stores the details of the customers. The details of the user input and the details of the ticket are taken as input and stored in the Database. Total amount can be calculated by the user by clicking the respective buttons. The primary features of this project entitled “**TRAIN TICKETS**” are convenience and easy availability.

**FRAME 1**



# Code :

## Log in button:

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { login obj=new login();

obj.setVisible(true); this.dispose();

}

## Sign up button:

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box", JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose();

}

}

**FRAME 2**



# Code :

## Next>> buton:

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { main obj=new main();

String un=login.getText(); String pw=password.getText(); String masterun="lakhan"; String masterpw="singh";

if((un.equals(masterun)) && (pw.equals(masterpw)))

{obj.setVisible(true); this.dispose(); }

else

{

try {

Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost/accounts","root","root"

);

Statement stmt=con.createStatement();

String query="select \* from records where username = '"+un+"'"; ResultSet rs=stmt.executeQuery(query);

while(rs.next())

{ String pass=rs.getString("Password"); if(pw.equals(pass))

{obj.setVisible(true); this.dispose(); }

else

{JOptionPane.showMessageDialog(null,"Incorrect Username or Password"); login.setText(null);

password.setText(null);

}

}

}

catch(Exception e){

JOptionPane.showMessageDialog(this,"Incorrect Username or Password");

}

}

}

## Exit button:

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box",

JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose();

}

**FRAME 3**



# Code :

## Create Account button:

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { main obj=new main();

String fn =fname.getText(); String ln =lname.getText();

int mob=Integer.parseInt(mobile.getText()); String add =address.getText();

String un =uname.getText(); String pw =pass.getText(); try{

Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost/accounts","root","root"

);

Statement stmt=con.createStatement();

String query= "Insert into records values('"+fn+"' , '"+ln+"' , '"+mob+"' , '"+add+"' , '"+un+"' , '"+pw+"')";

int rs=stmt.executeUpdate(query); JOptionPane.showMessageDialog(null, "Account Created!");

obj.setVisible(true); this.dispose(); }

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());

}

}

## Exit button:

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box",

JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose();

}

}

**FRAME 4**



## Calculate Amount button:

**Code :**

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) { Double phi=0.0;

String cls="",adu="",typ="",de="";

//class

Double access\_fee=0.00; if(Std.isSelected())

{access\_fee=100.00; cls="Standard";

}

else if(Eco.isSelected())

{access\_fee=200.00; cls="Economic";

}

else if(First.isSelected())

{access\_fee=400.00; cls="First Class";

}

else

{JOptionPane.showMessageDialog(null,"Please select class"); phi=1.0;

}

//Adult/child

Double age=0.00;

if (Adult.isSelected())

{age=100.00;

adu="Adult";

}

else if (Child.isSelected())

{age=50.00;

adu="Child";

}

else

{JOptionPane.showMessageDialog(null,"Please select adult/child"); phi=1.0;

}

//JourneyType Double trip=0.00;

if (Single.isSelected())

{trip=1.00; typ="Single";

}

else if (Return.isSelected())

{trip=2.00; typ="Return"; } else

{JOptionPane.showMessageDialog(null,"Please select type of journey"); phi=1.0; }

//Destination Double dest=0.00;

if (Dest.getSelectedItem().equals("Mumbai"))

{dest=100.00; de="Mumbai";

}

else if (Dest.getSelectedItem().equals("Chennai"))

{dest=200.00; de="Chennai";

}

else if (Dest.getSelectedItem().equals("Delhi"))

{dest=300.00; de="Delhi";

}

else if (Dest.getSelectedItem().equals("Kolkata"))

{dest=400.00; de="Kolkata";

}

else

{JOptionPane.showMessageDialog(null,"Please select destination"); phi=1.0;}

Double SubTotl= (access\_fee + age + dest)\*trip; Double tax=0.20\*SubTotl;

Double totl= SubTotl + tax; if(phi==1.0)

{Sub.setText(null);

Tax.setText(null); Totl.setText(null); }

else

{Sub.setText("₹ "+SubTotl +"/-");

Tax.setText("₹ "+tax +"/-");

Totl.setText("₹ "+totl +"/-");

}

try{

Class.forName("java.sql.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost/accounts","root","root"

);

Statement stmt=con.createStatement();

String query= "Insert into main values('"+cls+"' , '"+adu+"' , '"+typ+"' , '"+de+"' , '"+totl+"')";

int rs=stmt.executeUpdate(query); JOptionPane.showMessageDialog(null, "Click on Make Payment");

}

catch(Exception e)

{JOptionPane.showMessageDialog(null,e.getMessage());

}

}

## Reset button:

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { Std.setSelected(false);

Eco.setSelected(false); First.setSelected(false); Adult.setSelected(false); Child.setSelected(false); Single.setSelected(false); Return.setSelected(false); Dest.setSelectedItem("<Select City>"); Sub.setText(null);

Tax.setText(null); Totl.setText(null);

}

## Make Payment button:

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

card obj= new card();

String check=Sub.getText(); String check1=""; if(check.equals(check1))

JOptionPane.showMessageDialog(null,"Please Calculate Amount"); else

{obj.setVisible(true); this.dispose() }

## Exit button:

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box",

JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose() }

}

**FRAME 5**



## Next>> button:

**Code :**

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { payment obj=new payment();

if(credit.isSelected())

{obj.setVisible(true); this.dispose();}

else if(debit.isSelected())

{obj.setVisible(true); this.dispose();}

else

JOptionPane.showMessageDialog(null,"Please select type of card"); }

## Exit button:

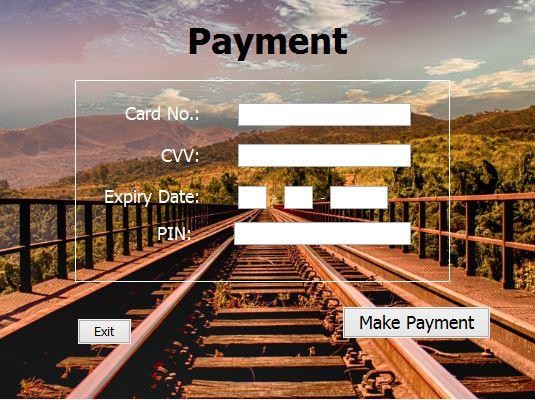
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box",

JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose(); }

**FRAME 6**



# Code :

## Make Payment button:

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { ticket obj = new ticket();

String check1=cardno.getText(); String check2=cvv.getText(); String check3=a.getText(); String check4=b.getText(); String check5=c.getText(); String check6=pin.getText(); String check="";

if(check1.equals(check) || check2.equals(check) || check3.equals(check) || check4.equals(check) || check5.equals(check) || check6.equals(check))

JOptionPane.showMessageDialog(null,"Please fill all the fields"); else

{JOptionPane.showMessageDialog(null,"Transaction Complete!"); obj.setVisible(true);

this.dispose();}

}

## Exit button:

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

int confirmed = JOptionPane.showConfirmDialog(null,"Are you sure you want to Exit", "Exit Program Message Box",

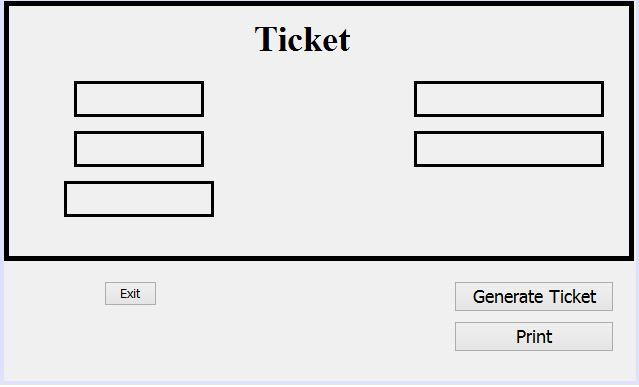
JOptionPane.YES\_NO\_OPTION);

if (confirmed==JOptionPane.YES\_OPTION){ dispose();

}

}

**FRAME 7**



# Code :

## Print button:

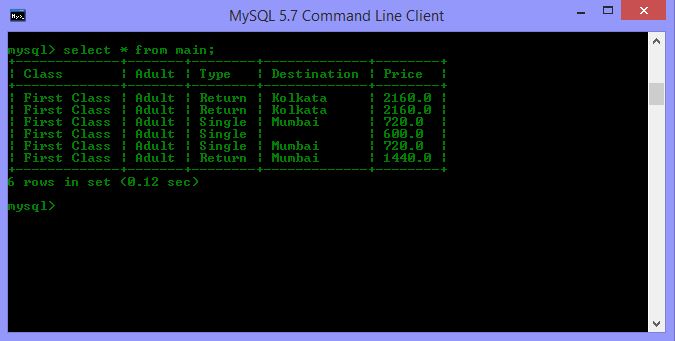
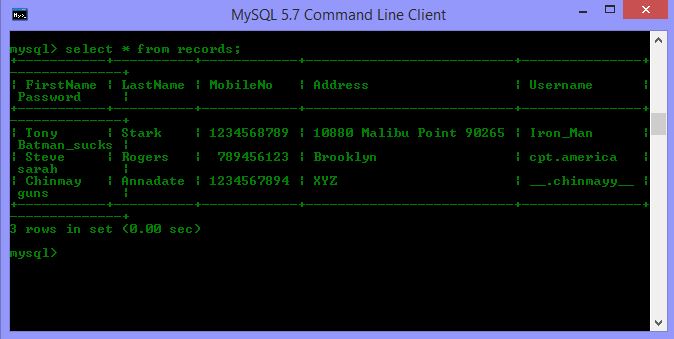
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) { JOptionPane.showMessageDialog(null,"Printer not connected");

}

## Exit button:

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) { System.exit(0);

}



MYSQL TABLES LINKED TO THE PROJECT

## MERITS

* Records can be stored in efficiently.
* The app allows users to book tickets from their homes and therefore they don’t have to manually book them at the station.
* Saves environment by making records paperless.

## DEMERITS

* Due to failure of electricity, no work can be processed.
* Only one ticket can be booked in one session.
* Once records are stored, user cannot change them.

## CONCLUSION

In this project, the user is provided with an e-commerce web site that can be used to book Train Tickets online. This project helps in understanding the creation of an interactive page as a front end, coding at the backend and the technologies used to implement it.

This project offers user to enter the data through simple and interactive forms and is very user-friendly. This is very helpful for the user to enter the desired information through so much simplicity.

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