**Aim:** To Implement Mini Project in JAVA Programming.

**Theory:**

EVENT MANAGEMENT SYSTEM

In this Application Java Swing Window Builder Methods are used to create necessary UI frames. For Database, MySQL workbench is used to stored data entered or required.

UI starts with a login screen for both customers and administrators, where new customers can sign in .Customers can then login and add all details of the event they want to book. Event planners can check schedules and see all events assigned to them. Newly registered events are shown as not assigned under event manager .

An Event manager can choose the Assign Event planner option and assign the event to any event planner. The schedules and myEvents page gets updated automatically after assigning event planners to new events.

**Source Code and Output:**

package eventmanagement;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class EventManagement {

public static void main(String[] args) {

new FrameLogIn();

}

}

package eventmanagement;

import javax.swing.\*;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.\*;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class LogIn {

public static void main(String[] args) {

FrameLogIn obj = new FrameLogIn();

}

}

class FrameLogIn

{ String user,admin;

public FrameLogIn()

{ //Creation

JFrame f = new JFrame("Log In Page");

JLabel l\_title = new JLabel("Event Management System");

JLabel l\_logIn = new JLabel("Log in :-");

JLabel l\_userUsername = new JLabel("Username");

JLabel l\_userPassword = new JLabel("Password");

JLabel l\_adminLogIn = new JLabel("Administrator Log in :-");

JLabel l\_adminUsername = new JLabel("Admin Username");

JLabel l\_adminPassword = new JLabel("Password");

JTextField tf\_userUsername = new JTextField(10);

JPasswordField pf\_userPassword = new JPasswordField(10);

JTextField tf\_adminUsername = new JTextField(10);

JPasswordField pf\_adminPassword = new JPasswordField(10);

JButton signIn = new JButton("SIGN IN");

JButton userGo = new JButton("GO");

JButton adminGo = new JButton("GO");

ImageIcon img5 = new ImageIcon("C:\\Users\\Austin Dsouza\\Documents\\SE\_Sem4\\OOPJ\\EventMMpics\\img5.JPG");

JLabel l\_img5 = new JLabel(" ",img5,JLabel.CENTER);

//Positioning

l\_img5.setBounds(400,80,200,240);

l\_title.setBounds(150,10,500,50);

l\_logIn.setBounds(20,80,100,20);

l\_userUsername.setBounds(20,100,100,20);

tf\_userUsername.setBounds(130,100,100,20);

l\_userPassword.setBounds(20,130,100,20);

pf\_userPassword.setBounds(130,130,100,20);

userGo.setBounds(250,130,100,20);

l\_adminLogIn.setBounds(20,180,200,20);

l\_adminUsername.setBounds(20,210,100,20);

tf\_adminUsername.setBounds(130,210,100,20);

l\_adminPassword.setBounds(20,240,100,20);

pf\_adminPassword.setBounds(130,240,100,20);

adminGo.setBounds(250,240,100,20);

signIn.setBounds(50,300,100,20);

//Functioning

adminGo.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

String adminUsername,adminPassword;

try { int flag=0;

adminUsername = tf\_adminUsername.getText();

adminPassword = pf\_adminPassword.getText();

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root", "root");

Statement stmt = con.createStatement();

ResultSet rs1 = stmt.executeQuery("select \* from eventmanager where eventManager like BINARY '"+adminUsername+"' and password like BINARY '"+adminPassword+"'");

while (rs1.next()) {

flag=1;

}

if(flag==1)

{ JOptionPane.showMessageDialog(null,"Welcome EventPlanner "+adminUsername);

new FrameAdmin();

f.dispose();

}

else

{

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

}

con.close();

} catch (Exception e) {

System.out.println(e);

}

}

});

userGo.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

String userUsername,userPassword;

try { int flag=0;

userUsername = tf\_userUsername.getText();

userPassword = pf\_userPassword.getText();

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root", "root");

Statement stmt = con.createStatement();

ResultSet rs1 = stmt.executeQuery("select \* from customer where username like BINARY '"+userUsername+"' and password like BINARY '"+userPassword+"'");

while (rs1.next()) {

flag=1;

}

if(flag==1)

{ JOptionPane.showMessageDialog(null,"Welcome "+userUsername);

new FrameBookEvent();

f.dispose();

}

else

{

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

}

con.close();

} catch (Exception e) {

System.out.println(e);

}

}

});

signIn.addActionListener(new ActionListener()

{

public void actionPerformed(ActionEvent ae)

{

//SignUp s = new SignUp();

new FrameSignUp();

f.dispose();

}

});

//Editing

f.getContentPane().setBackground(Color.cyan);

l\_title.setFont(new Font("Impact",Font.BOLD,40));

signIn.setForeground(Color.WHITE);

signIn.setBackground(Color.GREEN);

l\_title.setForeground(Color.BLUE);

adminGo.setBackground(Color.BLACK);

adminGo.setForeground(Color.WHITE);

userGo.setBackground(Color.BLACK);

userGo.setForeground(Color.WHITE);

//Adding

f.add(l\_img5);

f.add(l\_title);

f.add(l\_logIn);

f.add(l\_userUsername);

f.add(l\_userPassword);

f.add(l\_adminLogIn);

f.add(l\_adminUsername);

f.add(l\_adminPassword);

f.add(tf\_userUsername);

f.add(pf\_userPassword);

f.add(tf\_adminUsername);

f.add(pf\_adminPassword);

f.add(signIn);

f.add(userGo);

f.add(adminGo);

//Finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(800,500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package eventmanagement;

import java.awt.Color;

import javax.swing.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.\*;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class SignUp {

public static void main(String[] args) {

FrameSignUp obj = new FrameSignUp();

}

}

class FrameSignUp

{ int flag;

FrameSignUp()

{ //Creation

JFrame f = new JFrame("Sign up Page");

JLabel l\_title = new JLabel("WELCOME NEW USER");

JLabel l\_fName = new JLabel("First Name(Username)");

JLabel l\_lName = new JLabel("Last Name");

JLabel l\_pNum = new JLabel("Phone Number");

JLabel l\_email = new JLabel("Email");

JLabel l\_companyName = new JLabel("Company Name(Optional)");

JLabel l\_password = new JLabel("Enter Password");

JLabel l\_cPassword = new JLabel("Confirm Password");

JTextField tf\_fName = new JTextField(10);

JTextField tf\_lName = new JTextField(10);

JTextField tf\_pNum = new JTextField(10);

JTextField tf\_email = new JTextField(10);

JTextField tf\_companyName = new JTextField(10);

tf\_companyName.setText("no company");

JPasswordField pf\_password = new JPasswordField(10);

JPasswordField pf\_cPassword = new JPasswordField(10);

JButton register = new JButton("REGISTER");

JButton logIn = new JButton("Go to Log In Page");

//Positioning

l\_title.setBounds(300,10,300,50);

l\_fName.setBounds(10,100,200,20);

tf\_fName.setBounds(160,100,150,20);

l\_lName.setBounds(10,130,100,20);

tf\_lName.setBounds(160,130,150,20);

l\_pNum.setBounds(10,160,100,20);

tf\_pNum.setBounds(160,160,150,20);

l\_email.setBounds(10,190,100,20);

tf\_email.setBounds(160,190,150,20);

l\_companyName.setBounds(10,220,200,20);

tf\_companyName.setBounds(160,220,150,20);

l\_password.setBounds(400,130,100,20);

pf\_password.setBounds(550,130,100,20);

l\_cPassword.setBounds(400,170,150,20);

pf\_cPassword.setBounds(550,170,100,20);

logIn.setBounds(50,400,150,20);

register.setBounds(250,300,150,50);

//Functioning

logIn.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

// LogIn l = new LogIn();

new FrameLogIn();

f.dispose();

}

});

register.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try { flag =1;

String fName,lName,pNum,email,companyName,password,cPassword;

fName = tf\_fName.getText();

lName = tf\_lName.getText();

pNum = tf\_pNum.getText();

email = tf\_email.getText();

companyName = tf\_companyName.getText();

password = pf\_password.getText();

cPassword = pf\_cPassword.getText();

if(password.compareTo(cPassword)!=0)

{

JOptionPane.showMessageDialog(null,"Passwords Don't Match!");

flag=0;

}

if(flag==1)

{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student", "root", "root");

PreparedStatement ps = con.prepareStatement("insert into customer (username,lastName,phoneNumber,email,companyName,password) values (?,?,?,?,?,?)");

ps.setString(1,fName);

ps.setString(2,lName);

ps.setString(3,pNum);

ps.setString(4,email);

ps.setString(5,companyName);

ps.setString(6,cPassword);

ps.executeUpdate();

con.close();

}

} catch (Exception e) {

System.out.println(e);

}

if(flag==1)

{ register.setBackground(Color.GREEN);

register.setText("REGISTERED");

JOptionPane.showMessageDialog(null,"Registered Details Successfully!");

}

}

});

//Editing

f.getContentPane().setBackground(Color.cyan);

register.setBackground(Color.YELLOW);

register.setForeground(Color.WHITE);

logIn.setBackground(Color.BLACK);

logIn.setForeground(Color.WHITE);

//Adding

f.add(l\_title);

f.add(l\_fName);

f.add(l\_lName);

f.add(l\_pNum);

f.add(l\_email);

f.add(l\_companyName);

f.add(l\_password);

f.add(l\_cPassword);

f.add(tf\_fName);

f.add(tf\_lName);

f.add(tf\_pNum);

f.add(tf\_email);

f.add(tf\_companyName);

f.add(pf\_password);

f.add(pf\_cPassword);

f.add(register);

f.add(logIn);

//Finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(800,500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package eventmanagement;

import java.awt.Color;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import javax.swing.\*;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class AdminUI {

public static void main(String[] args) {

FrameAdmin obj = new FrameAdmin();

}

}

class FrameAdmin

{

FrameAdmin()

{

//Creation

JFrame f = new JFrame("Admin Page");

JLabel l\_title = new JLabel("WELCOME EVENT MANAGER");

JLabel l\_schedule = new JLabel("SCHEDULES:-");

JButton confirmations = new JButton("CONFIRMATIONS");

JButton meetRqst = new JButton("Meet Requests");

JButton logOut = new JButton("LOG OUT");

JLabel l\_ePlanner = new JLabel("EVENT PLANNER");

JLabel l\_eID = new JLabel("EVENT ID");

JLabel l\_eCustomer = new JLabel("CUSTOMER");

JLabel l\_eDate = new JLabel("DATE");

JLabel l\_eTime = new JLabel("TIME");

JButton myEvents = new JButton("MY EVENTS >>");

JButton assign = new JButton("ASSIGN EVENT-PLANNER >>");

ImageIcon img3 = new ImageIcon("C:\\Users\\Austin Dsouza\\Documents\\SE\_Sem4\\OOPJ\\EventMMpics\\img3.JPG");

JLabel l\_img3 = new JLabel(" ",img3,JLabel.CENTER);

ImageIcon img4 = new ImageIcon("C:\\Users\\Austin Dsouza\\Documents\\SE\_Sem4\\OOPJ\\EventMMpics\\img4.JPG");

JLabel l\_img4 = new JLabel(" ",img4,JLabel.CENTER);

//positioning

l\_img4.setBounds(480,250,320,200);

l\_img3.setBounds(480,40,320,200);

l\_title.setBounds(250,10,250,50);

l\_schedule.setBounds(20,40,100,50);

l\_ePlanner.setBounds(20,80,100,20);

l\_eID.setBounds(150,80,80,20);

l\_eCustomer.setBounds(240,80,80,20);

l\_eDate.setBounds(350,80,80,20);

l\_eTime.setBounds(440,80,80,20);

logOut.setBounds(600,10,90,20);

myEvents.setBounds(10,400,150,30);

assign.setBounds(200,400,200,30);

//functioning

int y = 120;

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root", "root");

Statement stmt = con.createStatement();

ResultSet rs1 = stmt.executeQuery("select \* from event order by eventID desc limit 0,8");

while (rs1.next()) {

JLabel l\_c1 = new JLabel(rs1.getString(2));

l\_c1.setBounds(20, y, 100, 20);

f.add(l\_c1);

JLabel l\_c2 = new JLabel(rs1.getString(1));

l\_c2.setBounds(150, y, 100, 20);

f.add(l\_c2);

JLabel l\_c3 = new JLabel(rs1.getString(3));

l\_c3.setBounds(240, y, 100, 20);

f.add(l\_c3);

JLabel l\_c4 = new JLabel(rs1.getString(5));

l\_c4.setBounds(350, y, 100, 20);

f.add(l\_c4);

JLabel l\_c5 = new JLabel(rs1.getString(6));

l\_c5.setBounds(440, y, 100, 20);

f.add(l\_c5);

y+=30;

}

con.close();

} catch (Exception e) {

System.out.println(e);

}

assign.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

new FrameAssignPlanner();

f.dispose();

}

});

logOut.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

new FrameLogIn();

f.dispose();

}

});

myEvents.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

f.dispose();

new FrameMyEvents();

}

});

//adding

f.add(l\_title);

f.add(l\_schedule);

f.add(l\_ePlanner);

f.add(l\_eID);

f.add(l\_eCustomer);

f.add(l\_eDate);

f.add(l\_eTime);

f.add(logOut);

f.add(myEvents);

f.add(assign);

f.add(l\_img3);

f.add(l\_img4);

//editing

logOut.setBackground(Color.BLACK);

logOut.setForeground(Color.RED);

myEvents.setBackground(Color.BLACK);

myEvents.setForeground(Color.WHITE);

assign.setBackground(Color.BLACK);

assign.setForeground(Color.YELLOW);

f.getContentPane().setBackground(Color.cyan);

l\_eID.setForeground(Color.blue);

l\_ePlanner.setForeground(Color.blue);

l\_eDate.setForeground(Color.blue);

l\_eTime.setForeground(Color.blue);

l\_eCustomer.setForeground(Color.blue);

//finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(800, 500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package eventmanagement;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.\*;

import javax.swing.\*;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class MyEvents {

public static void main(String[] args) {

FrameMyEvents obj = new FrameMyEvents();

}

}

class FrameMyEvents

{

FrameMyEvents()

{

//Creation

JFrame f = new JFrame("My Events");

JLabel l\_title = new JLabel("EVENT DETAILS");

JLabel l\_eID = new JLabel("EVENT ID");

JLabel l\_ePlanner = new JLabel("EVENT PLANNER");

JLabel l\_eCustomer = new JLabel("CUSTOMER");

JLabel l\_eType = new JLabel("EVENT TYPE");

JLabel l\_eDate = new JLabel("DATE");

JLabel l\_eTime = new JLabel("TIME");

JLabel l\_venue = new JLabel("VENUE");

JLabel l\_decorator = new JLabel("DECOR");

JLabel l\_catering = new JLabel("CATERING");

JLabel l\_dj = new JLabel("MUSIC");

JLabel l\_security = new JLabel("SECURITY");

JButton back = new JButton("<< Back");

//Positioning

back.setBounds(800,400,80,30);

l\_title.setBounds(430,5,100,50);

l\_eID.setBounds(5,50,100,30);

l\_ePlanner.setBounds(70,50,100,30);

l\_eCustomer.setBounds(180,50,100,30);

l\_eType.setBounds(270,50,100,30);

l\_eDate.setBounds(380,50,100,30);

l\_eTime.setBounds(470,50,100,30);

l\_venue.setBounds(540,50,100,30);

l\_decorator.setBounds(600,50,100,30);

l\_catering.setBounds(660,50,100,30);

l\_dj.setBounds(740,50,100,30);

l\_security.setBounds(800,50,100,30);

//Functioning

int y = 100;

try {

String ep;

ep=JOptionPane.showInputDialog(null,"PLEASE RE-ENTER YOUR USRNAME","SECURITY CHECK",JOptionPane.PLAIN\_MESSAGE);

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root", "root");

Statement stmt = con.createStatement();

ResultSet rs1 = stmt.executeQuery("select \* from event where eventPlanner like '"+ep+"'");

while (rs1.next()) {

JLabel l\_c1 = new JLabel(rs1.getString(1));

l\_c1.setBounds(5, y, 100, 20);

f.add(l\_c1);

JLabel l\_c2 = new JLabel(rs1.getString(2));

l\_c2.setBounds(70, y, 100, 20);

f.add(l\_c2);

JLabel l\_c3 = new JLabel(rs1.getString(3));

l\_c3.setBounds(180, y, 100, 20);

f.add(l\_c3);

JLabel l\_c4 = new JLabel(rs1.getString(4));

l\_c4.setBounds(270, y, 100, 20);

f.add(l\_c4);

JLabel l\_c5 = new JLabel(rs1.getString(5));

l\_c5.setBounds(380, y, 100, 20);

f.add(l\_c5);

JLabel l\_c6 = new JLabel(rs1.getString(6));

l\_c6.setBounds(470, y, 100, 20);

f.add(l\_c6);

JLabel l\_c7 = new JLabel(rs1.getString(7));

l\_c7.setBounds(540, y, 100, 20);

f.add(l\_c7);

JLabel l\_c8 = new JLabel(rs1.getString(8));

l\_c8.setBounds(600, y, 100, 20);

f.add(l\_c8);

JLabel l\_c9 = new JLabel(rs1.getString(9));

l\_c9.setBounds(660, y, 100, 20);

f.add(l\_c9);

JLabel l\_c10 = new JLabel(rs1.getString(10));

l\_c10.setBounds(740, y, 100, 20);

f.add(l\_c10);

JLabel l\_c11 = new JLabel(rs1.getString(11));

l\_c11.setBounds(800, y, 100, 20);

f.add(l\_c11);

y+=30;

}

con.close();

} catch (Exception e) {

System.out.println(e);

}

back.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

f.dispose();

new FrameAdmin();

}

});

//Adding

f.add(l\_title);

f.add(l\_eID);

f.add(l\_ePlanner);

f.add(l\_eCustomer);

f.add(l\_eType);

f.add(l\_eDate);

f.add(l\_eTime);

f.add(l\_venue);

f.add(l\_decorator);

f.add(l\_security);

f.add(l\_catering);

f.add(l\_dj);

f.add(back);

//Editing

f.getContentPane().setBackground(Color.cyan);

back.setBackground(Color.BLACK);

back.setForeground(Color.WHITE);

l\_eID.setForeground(Color.blue);

l\_ePlanner.setForeground(Color.blue);

l\_eDate.setForeground(Color.blue);

l\_eTime.setForeground(Color.blue);

l\_venue.setForeground(Color.blue);

l\_dj.setForeground(Color.blue);

l\_security.setForeground(Color.blue);

l\_eCustomer.setForeground(Color.blue);

l\_decorator.setForeground(Color.blue);

l\_catering.setForeground(Color.blue);

l\_eType.setForeground(Color.blue);

//Finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(1000, 500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package eventmanagement;

import java.awt.Color;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class AssignPlanner {

public static void main(String[] args) {

FrameAssignPlanner obj = new FrameAssignPlanner();

}

}

class FrameAssignPlanner

{

FrameAssignPlanner()

{ //Creation

JFrame f = new JFrame("Assign EventPlanner");

JLabel l\_title = new JLabel("LIST OF EVENTS NOT ASSIGNED :-");

JLabel l\_eID = new JLabel("EVENT ID");

JLabel l\_ePlanner = new JLabel("EVENT PLANNER");

JLabel l\_eCustomer = new JLabel("CUSTOMER");

JLabel l\_eType = new JLabel("EVENT TYPE");

JLabel l\_eDate = new JLabel("DATE");

JLabel l\_eTime = new JLabel("TIME");

JLabel l\_venue = new JLabel("VENUE");

JLabel l\_decorator = new JLabel("DECOR");

JLabel l\_catering = new JLabel("CATERING");

JLabel l\_dj = new JLabel("MUSIC");

JLabel l\_security = new JLabel("SECURITY");

JLabel l\_takeID = new JLabel("Enter Event ID :");

JTextField tf\_takeID = new JTextField(20);

JLabel l\_setPlanner = new JLabel("Enter EventPlanner :");

JTextField tf\_setPlanner = new JTextField(20);

JButton assign = new JButton("ASSIGN");

JButton back = new JButton("<< Back");

//Positioning

l\_title.setBounds(330,20,200,20);

l\_eID.setBounds(5,50,100,30);

l\_ePlanner.setBounds(70,50,100,30);

l\_eCustomer.setBounds(180,50,100,30);

l\_eType.setBounds(270,50,100,30);

l\_eDate.setBounds(380,50,100,30);

l\_eTime.setBounds(470,50,100,30);

l\_venue.setBounds(540,50,100,30);

l\_decorator.setBounds(600,50,100,30);

l\_catering.setBounds(660,50,100,30);

l\_dj.setBounds(740,50,100,30);

l\_security.setBounds(800,50,100,30);

l\_takeID.setBounds(10,365,100,10);

tf\_takeID.setBounds(140,360,50,20);

l\_setPlanner.setBounds(10,400,150,10);

tf\_setPlanner.setBounds(140,395,100,20);

assign.setBounds(260,360,100,50);

back.setBounds(800,400,80,30);

//functioning

int y = 100;

try {int flag=0;

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root", "root");

Statement stmt = con.createStatement();

ResultSet rs1 = stmt.executeQuery("select \* from event where eventPlanner like 'not assigned'");

while (rs1.next()) {

JLabel l\_c1 = new JLabel(rs1.getString(1));

l\_c1.setBounds(5, y, 100, 20);

f.add(l\_c1);

JLabel l\_c2 = new JLabel(rs1.getString(2));

l\_c2.setBounds(70, y, 100, 20);

f.add(l\_c2);

JLabel l\_c3 = new JLabel(rs1.getString(3));

l\_c3.setBounds(180, y, 100, 20);

f.add(l\_c3);

JLabel l\_c4 = new JLabel(rs1.getString(4));

l\_c4.setBounds(270, y, 100, 20);

f.add(l\_c4);

JLabel l\_c5 = new JLabel(rs1.getString(5));

l\_c5.setBounds(380, y, 100, 20);

f.add(l\_c5);

JLabel l\_c6 = new JLabel(rs1.getString(6));

l\_c6.setBounds(470, y, 100, 20);

f.add(l\_c6);

JLabel l\_c7 = new JLabel(rs1.getString(7));

l\_c7.setBounds(540, y, 100, 20);

f.add(l\_c7);

JLabel l\_c8 = new JLabel(rs1.getString(8));

l\_c8.setBounds(600, y, 100, 20);

f.add(l\_c8);

JLabel l\_c9 = new JLabel(rs1.getString(9));

l\_c9.setBounds(660, y, 100, 20);

f.add(l\_c9);

JLabel l\_c10 = new JLabel(rs1.getString(10));

l\_c10.setBounds(740, y, 100, 20);

f.add(l\_c10);

JLabel l\_c11 = new JLabel(rs1.getString(11));

l\_c11.setBounds(800, y, 100, 20);

f.add(l\_c11);

y+=30;

}

con.close();

} catch (Exception e) {

System.out.println(e);

}

assign.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student", "root", "root");

PreparedStatement ps = con.prepareStatement("UPDATE `student`.`event` SET `eventPlanner` = '"+tf\_setPlanner.getText()+"' WHERE (`eventID` = '"+tf\_takeID.getText()+"')");

ps.executeUpdate();

con.close();

} catch (Exception e) {

System.out.println(e);

}

JOptionPane.showMessageDialog(null,"ASSIGNED SUCCESSFULLY!");

}

});

back.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

f.dispose();

new FrameAdmin();

}

});

//adding

f.add(l\_title);

f.add(l\_eID);

f.add(l\_ePlanner);

f.add(l\_eCustomer);

f.add(l\_eType);

f.add(l\_eDate);

f.add(l\_eTime);

f.add(l\_venue);

f.add(l\_decorator);

f.add(l\_security);

f.add(l\_catering);

f.add(l\_dj);

f.add(l\_setPlanner);

f.add(l\_takeID);

f.add(tf\_takeID);

f.add(tf\_setPlanner);

f.add(assign);

f.add(back);

//editing

f.getContentPane().setBackground(Color.cyan);

assign.setBackground(Color.BLACK);

assign.setForeground(Color.GREEN);

back.setBackground(Color.BLACK);

back.setForeground(Color.WHITE);

l\_eID.setForeground(Color.blue);

l\_ePlanner.setForeground(Color.blue);

l\_eDate.setForeground(Color.blue);

l\_eTime.setForeground(Color.blue);

l\_venue.setForeground(Color.blue);

l\_dj.setForeground(Color.blue);

l\_security.setForeground(Color.blue);

l\_eCustomer.setForeground(Color.blue);

l\_decorator.setForeground(Color.blue);

l\_catering.setForeground(Color.blue);

l\_eType.setForeground(Color.blue);

//Finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(1000, 500);

f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

}

}

package eventmanagement;

import java.awt.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import javax.swing.\*;

/\*\*

\*

\* @author Austin Dsouza

\*/

public class BookEvent {

public static void main(String[] args) {

FrameBookEvent obj = new FrameBookEvent();

}

}

class FrameBookEvent

{

FrameBookEvent()

{

//creation

JFrame f = new JFrame("Book Event");

JLabel l\_title = new JLabel("REGISTER EVENT DETAILS");

JLabel l\_eventType = new JLabel("Event Type :");

String[] cb\_options = {"Wedding/Engagement","Birthday","Casual Event (Farewell/personal milestone/others)","Exhibitions (Auctions/Displays/ VIP attendees)","Business Event (employees/Customers/Promotions)","Anniversary event (Silver/Golden/Platinum) "};

JComboBox cb\_eventType = new JComboBox(cb\_options);

cb\_eventType.setSelectedIndex(0);

JTextArea ta\_customDetails = new JTextArea(10,10);

ta\_customDetails.setText("Event Name , Color themes, props,special attraction,audience type, etc..");

JScrollPane sp\_customDetails = new JScrollPane(ta\_customDetails,JScrollPane.VERTICAL\_SCROLLBAR\_AS\_NEEDED,JScrollPane.HORIZONTAL\_SCROLLBAR\_AS\_NEEDED);

JLabel l\_customDetails = new JLabel("Enter Personal Customized needs for the Event below :-");

JLabel l\_ckbLabel = new JLabel("Let Event Planner Arrange :-");

JCheckBox ckb\_venue = new JCheckBox("Venue");

JCheckBox ckb\_catering = new JCheckBox("Catering");

JCheckBox ckb\_decorator = new JCheckBox("Decorator");

JCheckBox ckb\_dj = new JCheckBox("Music/DJ");

JCheckBox ckb\_security = new JCheckBox("Security Service");

JButton book = new JButton("CONFIRM & BOOK!");

JButton logOut = new JButton("Log Out");

JLabel l\_eDate = new JLabel("Event Date");

JLabel l\_eTime = new JLabel("Event Time");

JTextField tf\_eDate = new JTextField(20);

tf\_eDate.setText("DD-MM-YYYY");

JTextField tf\_eTime = new JTextField(20);

tf\_eTime.setText("18:25");

ImageIcon img1 = new ImageIcon("C:\\Users\\Austin Dsouza\\Documents\\SE\_Sem4\\OOPJ\\EventMMpics\\img1.JPG");

JLabel l\_img1 = new JLabel("Event Tara",img1,JLabel.CENTER);

ImageIcon img2 = new ImageIcon("C:\\Users\\Austin Dsouza\\Documents\\SE\_Sem4\\OOPJ\\EventMMpics\\img2.JPG");

JLabel l\_img2 = new JLabel(" ",img2,JLabel.CENTER);

//positioning

l\_img1.setBounds(420,30,320,200);

l\_img2.setBounds(420,200,320,200);

cb\_eventType.setBounds(80,40,310,30);

l\_title.setBounds(300,5,300,30);

l\_eventType.setBounds(5,40,80,20);

l\_customDetails.setBounds(5,85,400,20);

sp\_customDetails.setBounds(5,110,400,100);

l\_ckbLabel.setBounds(5,220,400,20);

ckb\_venue.setBounds(10,250,80,50);

ckb\_decorator.setBounds(100,250,100,50);

ckb\_security.setBounds(210,250,150,50);

ckb\_catering.setBounds(10,300,80,50);

ckb\_dj.setBounds(100,300,100,50);

l\_eDate.setBounds(10,370,70,20);

tf\_eDate.setBounds(80,370,100,20);

l\_eTime.setBounds(10,400,70,20);

tf\_eTime.setBounds(80,400,100,20);

book.setBounds(500,400,200,50);

logOut.setBounds(600,10,90,20);

//functioning

String eventType = ""+cb\_eventType.getSelectedItem();

logOut.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

new FrameLogIn();

f.dispose();

}

});

book.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent ae) {

try {

String cus;

cus=JOptionPane.showInputDialog(null,"PLEASE RE-ENTER YOUR NAME","SECURITY CHECK",JOptionPane.PLAIN\_MESSAGE);

String eventType,customDetails,eDate,eTime,venue="no",decorator="no",security="no",catering="no",dj="no";

eventType = cb\_eventType.getSelectedItem().toString();

customDetails = ta\_customDetails.getText();

eDate = tf\_eDate.getText();

eTime = tf\_eTime.getText();

if(ckb\_venue.isSelected()==true)

venue="yes";

if(ckb\_catering.isSelected()==true)

catering="yes";

if(ckb\_decorator.isSelected()==true)

decorator="yes";

if(ckb\_security.isSelected()==true)

security="yes";

if(ckb\_dj.isSelected()==true)

dj="yes";

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/student", "root", "root");

PreparedStatement ps = con.prepareStatement("insert into event (customer,eventType,date,time,venue,decorator,catering,music,security,customNeeds) values (?,?,?,?,?,?,?,?,?,?)");

ps.setString(1,cus);

ps.setString(2,eventType);

ps.setString(3,eDate);

ps.setString(4,eTime);

ps.setString(5,venue);

ps.setString(6,decorator);

ps.setString(7,catering);

ps.setString(8,dj);

ps.setString(9,security);

ps.setString(10,customDetails);

ps.executeUpdate();

con.close();

} catch (Exception e) {

System.out.println(e);

}

book.setBackground(Color.GREEN);

JOptionPane.showMessageDialog(null,"WE WILL CALL YOU TO SCHEDULE YOUR MEETING");

JOptionPane.showMessageDialog(null,"THANK YOU FOR CHOOSING US!");

}

});

//adding

f.add(logOut);

f.add(l\_img1);

f.add(l\_img2);

f.add(cb\_eventType);

f.add(l\_eventType);

f.add(l\_title);

f.add(sp\_customDetails);

f.add(l\_customDetails);

f.add(l\_ckbLabel);

f.add(ckb\_venue);

f.add(ckb\_catering);

f.add(ckb\_decorator);

f.add(ckb\_dj);

f.add(ckb\_security);

f.add(book);

f.add(l\_eTime);

f.add(l\_eDate);

f.add(tf\_eTime);

f.add(tf\_eDate);

//editing

f.getContentPane().setBackground(Color.cyan);

book.setForeground(Color.white);

book.setBackground(Color.red);

logOut.setBackground(Color.BLACK);

logOut.setForeground(Color.RED);

cb\_eventType.setBackground(Color.RED);

cb\_eventType.setForeground(Color.WHITE);

ckb\_venue.setBackground(Color.CYAN);

ckb\_security.setBackground(Color.CYAN);

ckb\_dj.setBackground(Color.CYAN);

ckb\_catering.setBackground(Color.CYAN);

ckb\_decorator.setBackground(Color.CYAN);

sp\_customDetails.setBackground(Color.GRAY);

//finalize

f.setLayout(null);

f.setVisible(true);

f.setSize(800, 500);

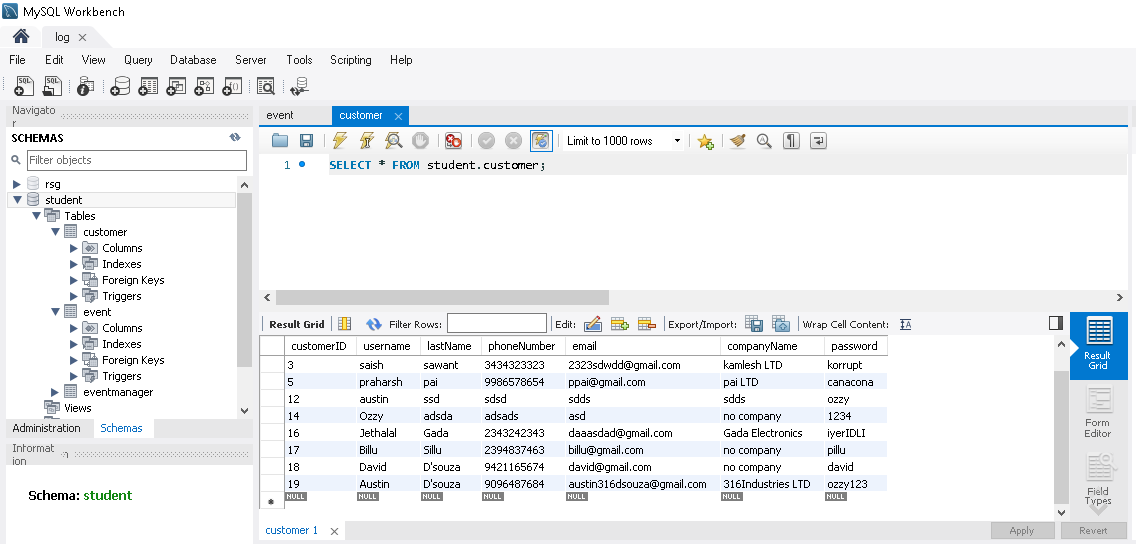
f.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

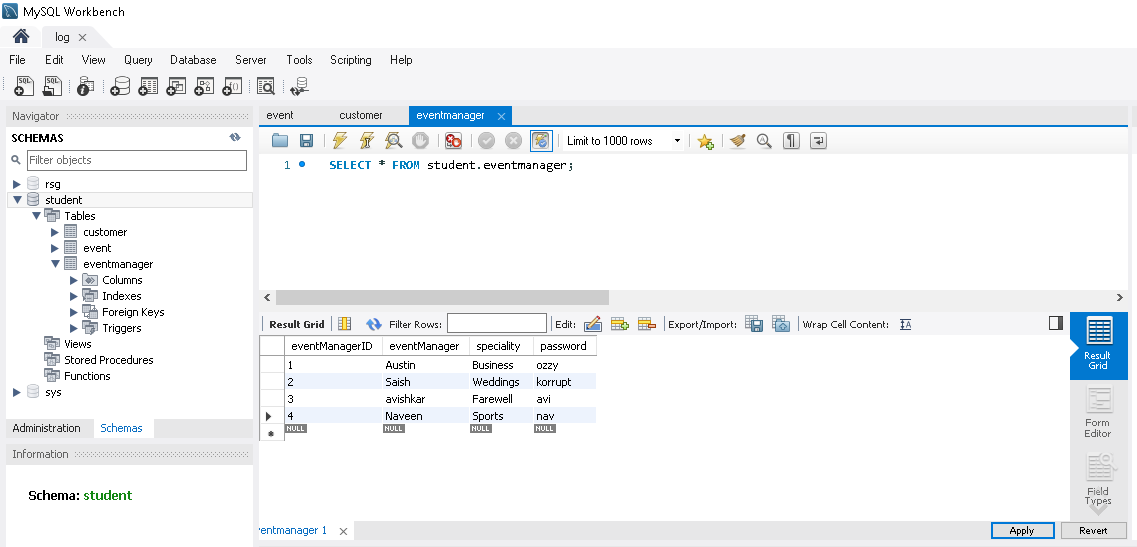
}

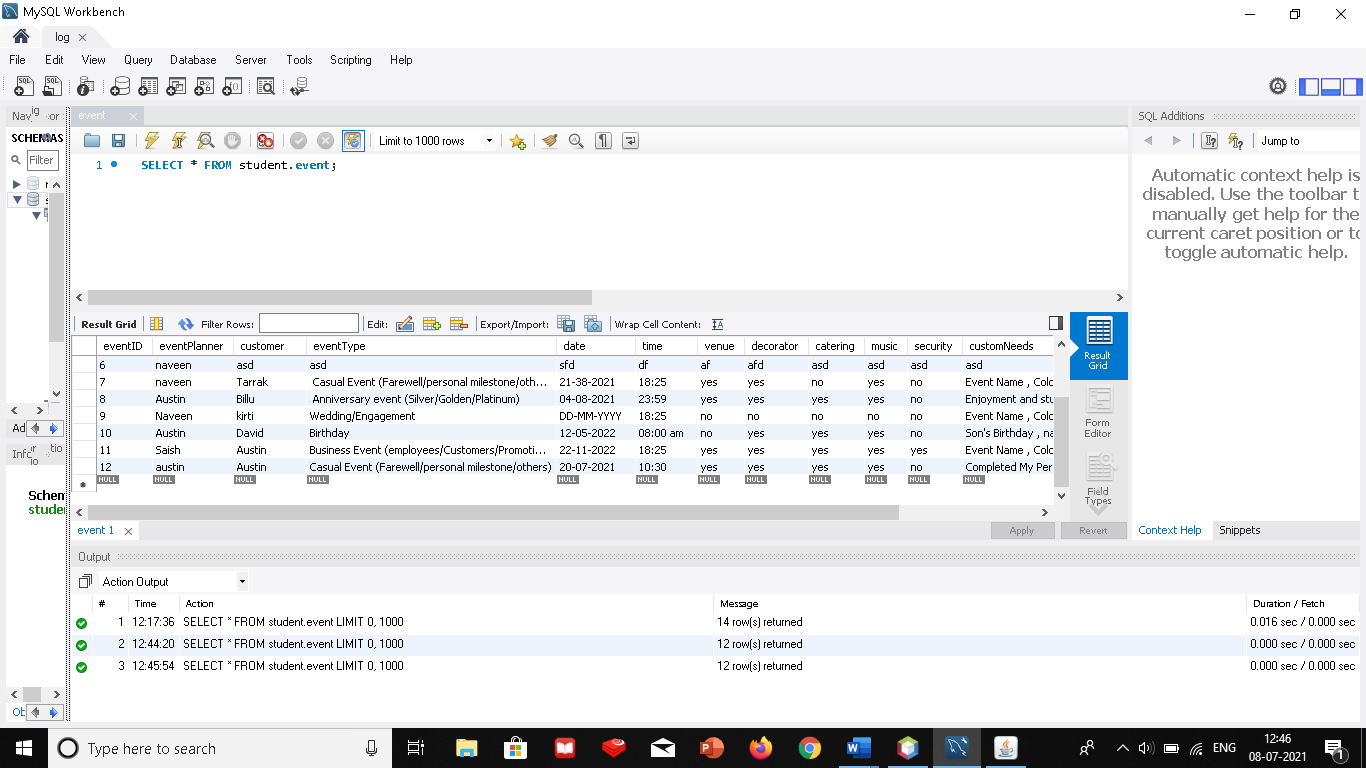
}

**OUTPUTS:-**

**DATABASE TABLES**

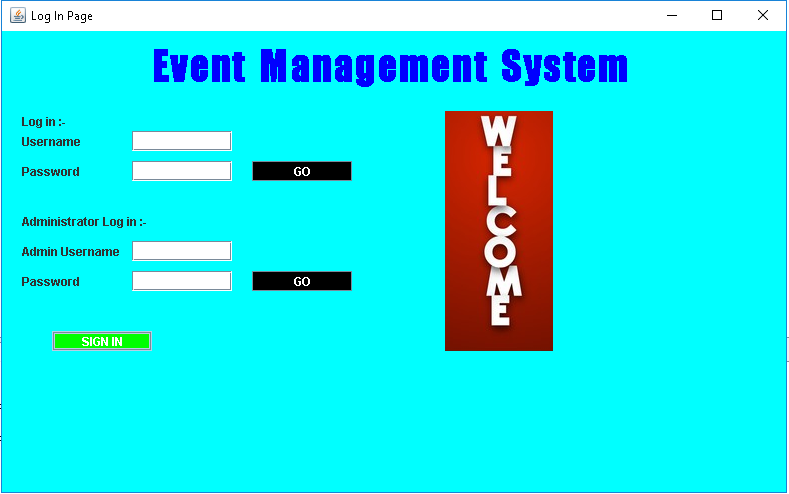






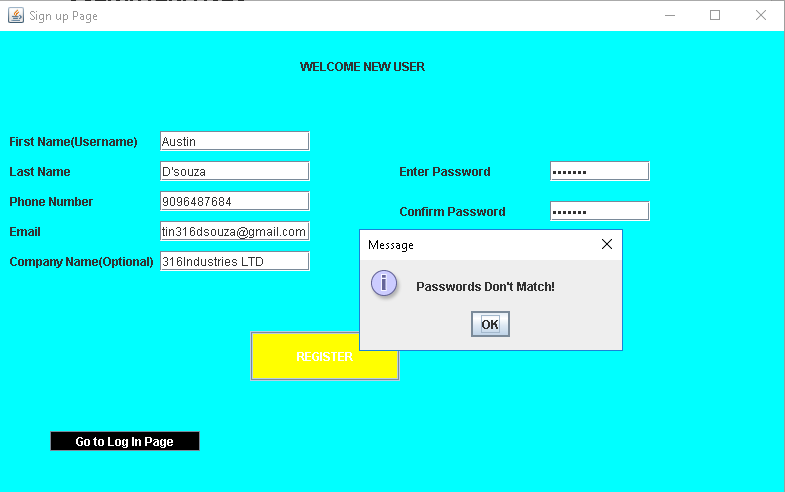
**USER INTERFACES**

Welcome Log In Screen for both customers and Event Planners: -

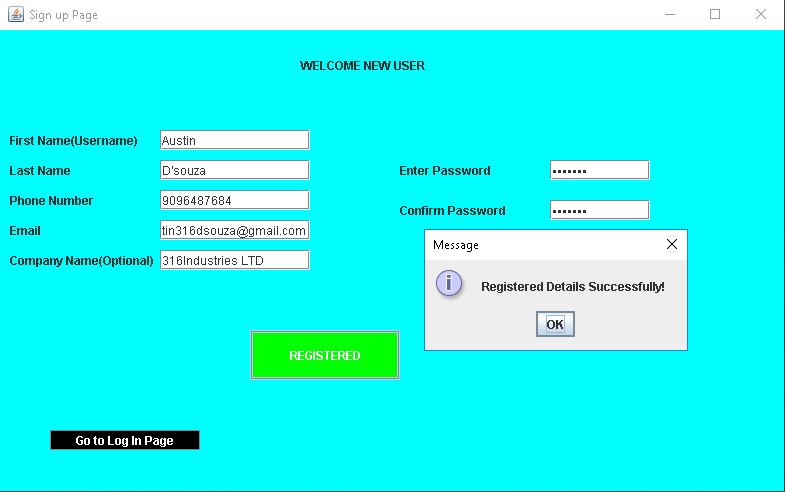


Sign In Screen for new Customers:-

If Enter Password and Confirm Password don’t match:-

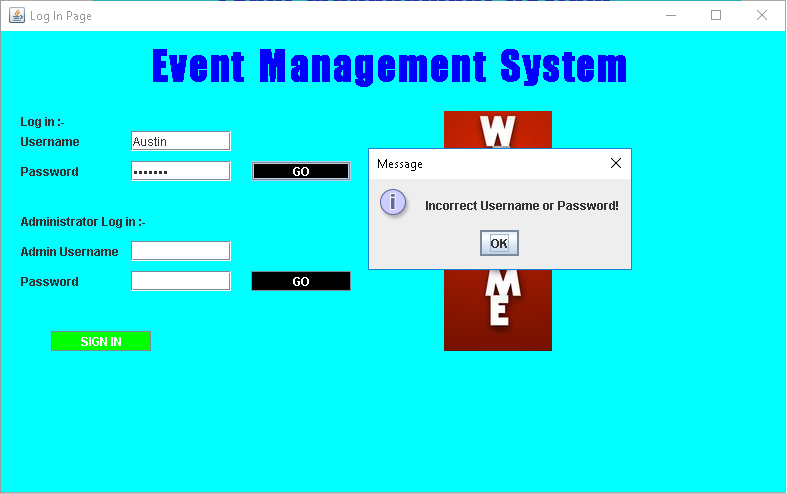


If Enter Password and Confirm Password Match:-

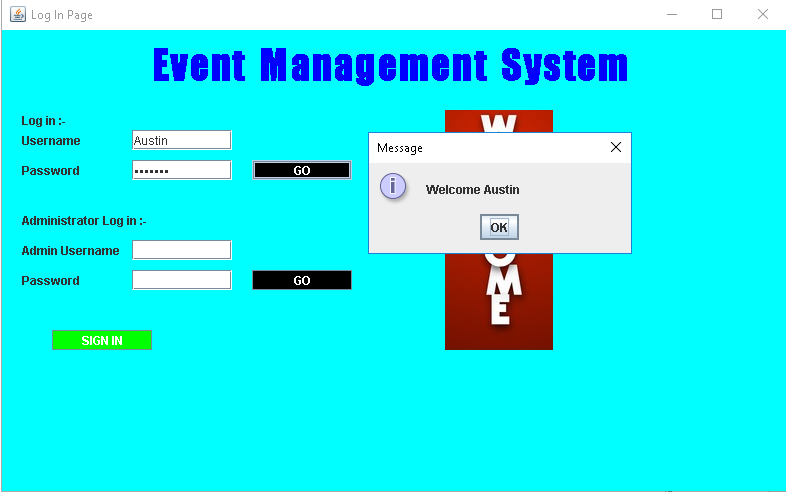


**Customer Login:-**

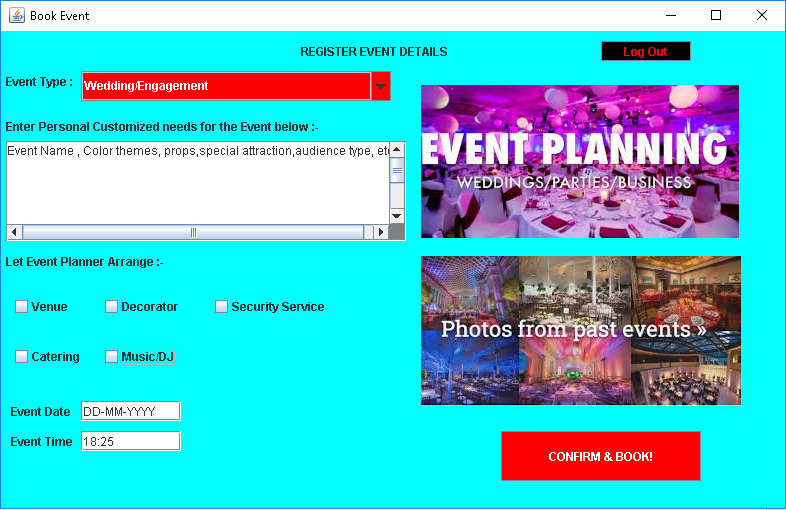
If Login Details Don’t match with Database :-

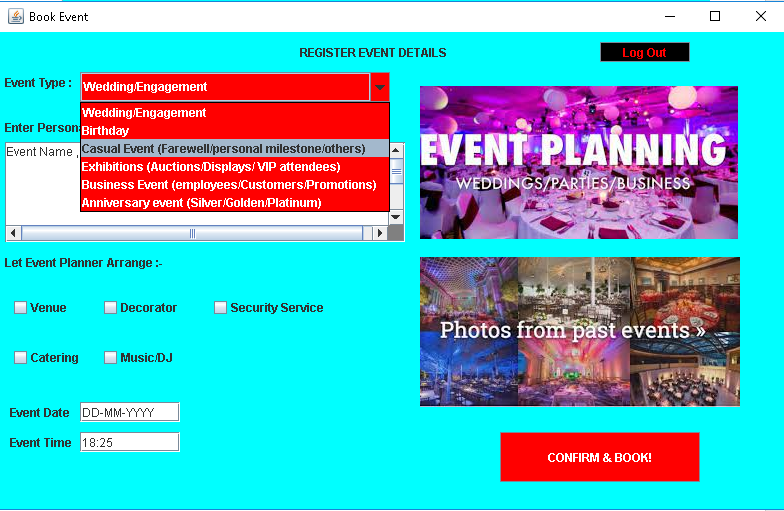


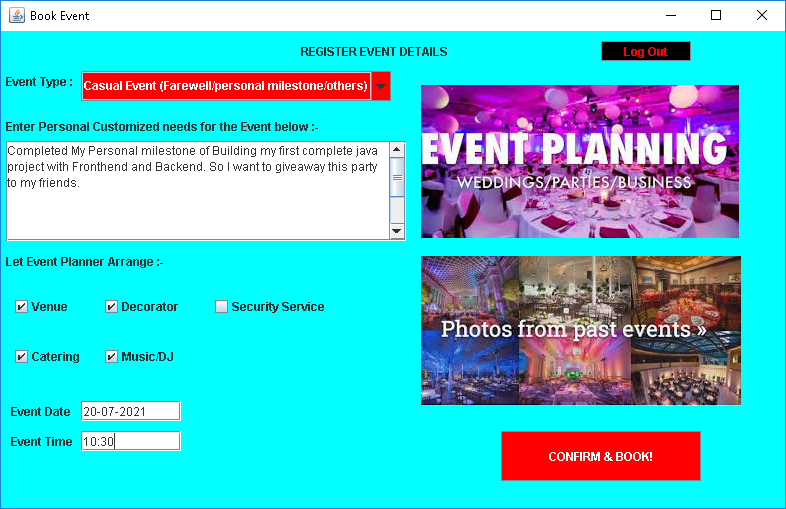
Login Credentials Match:-



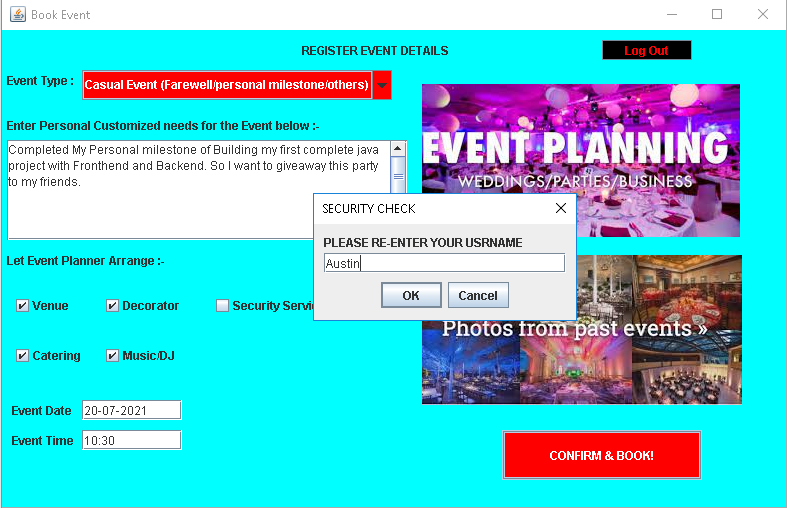
Book a new Event Screen:-

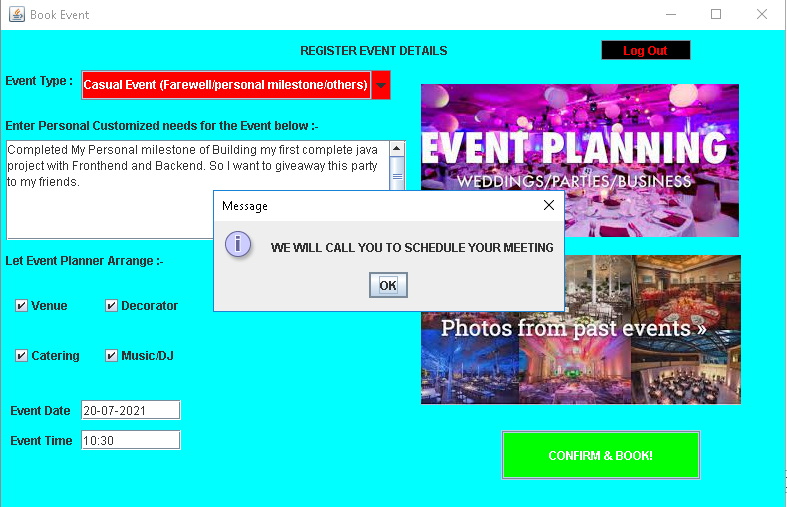


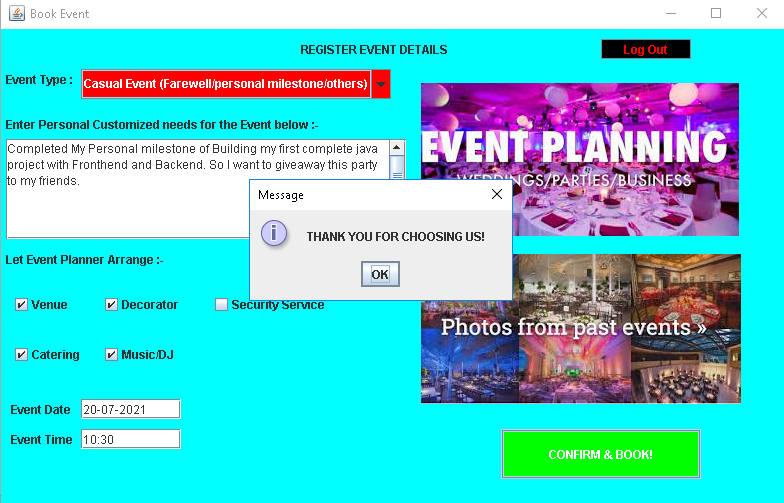




On Clicking Confirm & Book:-

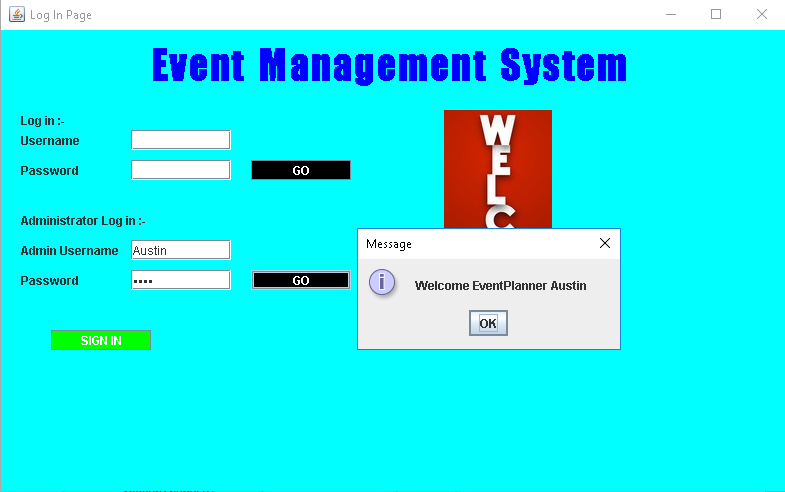






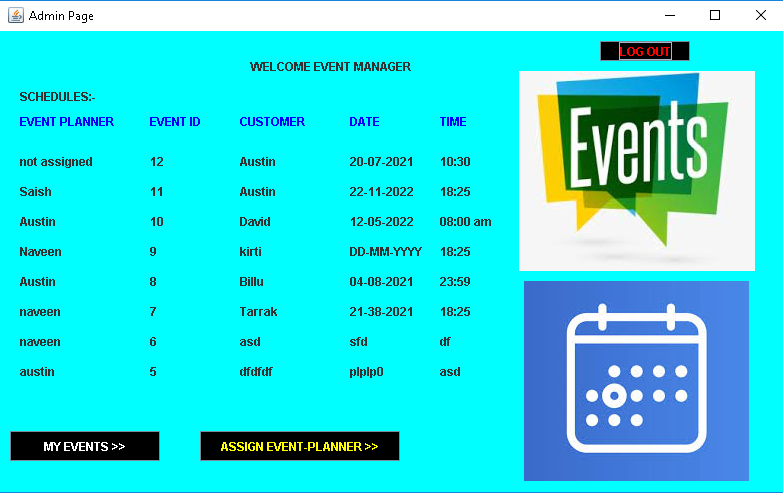
**Administrator Login:-**

If Login Details Don’t match with Database :-



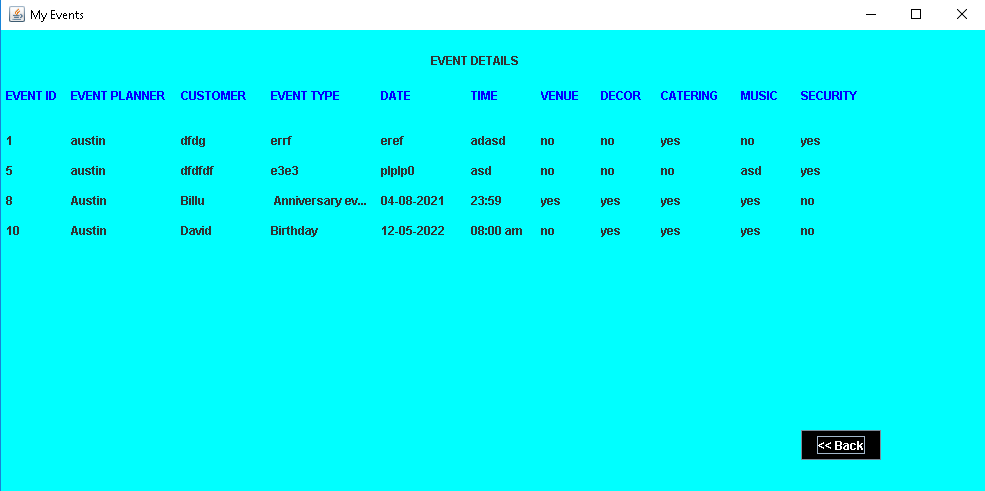
General Details Schedule screen for all Event Planners:- (Shows Top 8 newly Registered events)

Newly registered event shown as “not assigned” under Event Planner:-



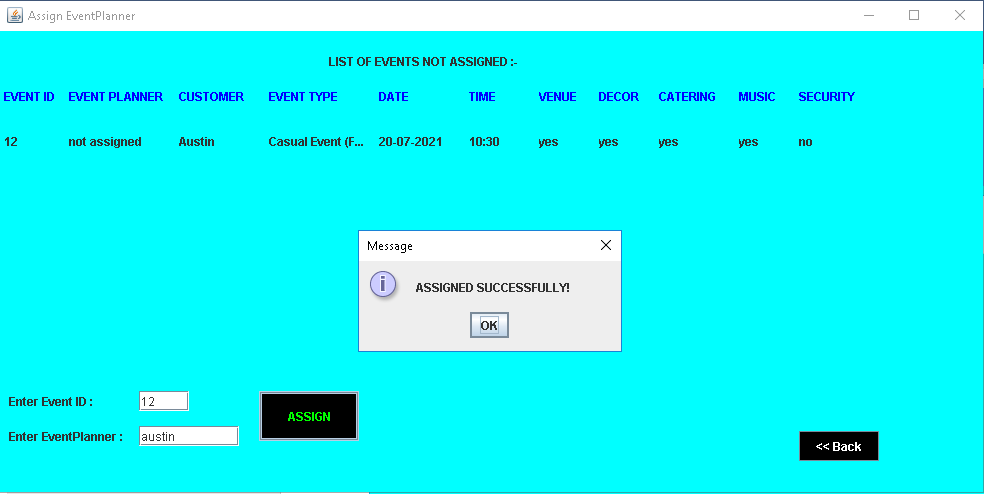
My Events page of Austin:-

Before Assigning Event with Event ID “12” to Austin :-



On selecting Assign Event Planner page:-

Enter event ID and Event Planner name to Assign an event :-

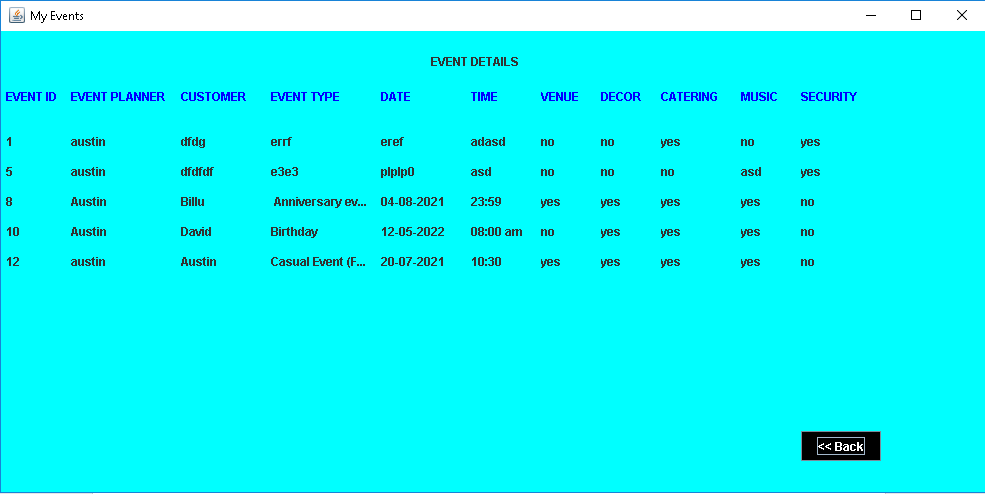


After Assigning Event 12 to Austin :-

Schedule page gets auto updated:-



Event 12 added automatically in my Events page of Austin



**Conclusion:** Mini Project in JAVA Programming were successfully implemented.