UNIVERSITI UTARA MALAYSIA

A201 - STIA 1123 PROGRAMMING 2

PROJECT – TRAVEL

“JOM KASI TRAVEL SYSTEM”

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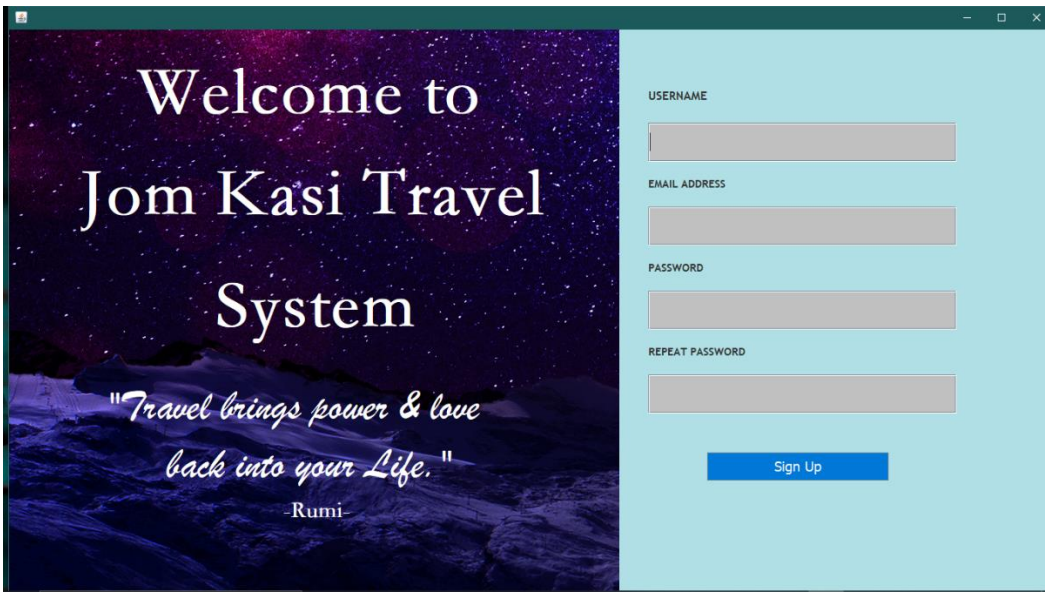
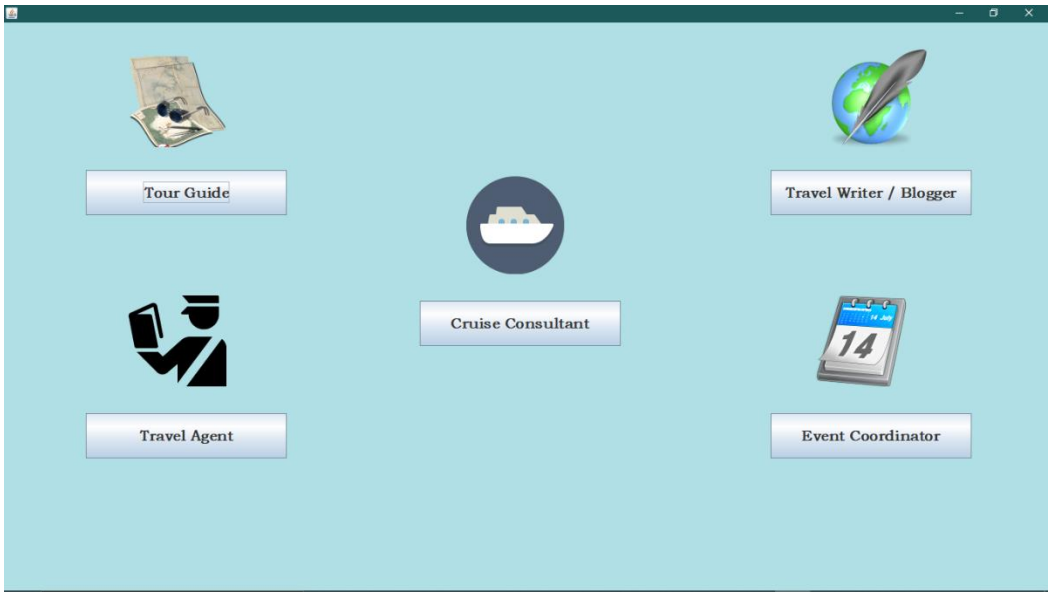
1) BACKGROUND OF PROJECT "JOM KASI TRAVEL SYSTEM"	**1 - 18**
2) TOUR GUIDE **i. BACKGROUND OF PROJECT** **ii. PROGRAM DESCRIPTION** **iii. CODE** **iv. SAMPLE RUN**	**19 - 53**
3) TRAVEL AGENT **i. BACKGROUND OF PROJECT** **ii. PROGRAM DESCRIPTION** **iii. CODE** **iv. SAMPLE RUN**	**54 - 95**
4) CRUISE CONSULTANT **i. BACKGROUND OF PROJECT** **ii. PROGRAM DESCRIPTION** **iii. CODE** **iv. SAMPLE RUN**	**96 - 153**
5) TRAVEL WRITER/BLOGGER **i. BACKGROUND OF PROJECT** **ii. PROGRAM DESCRIPTION** **iii. CODE** **iv. SAMPLE RUN**	**154 - 203**
6) EVENT COORDINATOR **i. BACKGROUND OF PROJECT** **ii. PROGRAM DESCRIPTION** **iii. CODE** **iv. SAMPLE RUN**	**205 - 246**

1) BACKGROUND OF JOM KASI TRAVEL SYSTEM

Our Jom Kasi Travel System is about travelling. There are five main modules which is travel agent, tour guide, cruise consultant, travel writer/blogger and event coordinator. Each module has its own roles to be function. Before access to our system, user needs to sign up first. After sign up with the particulars, when user click the button sign up button, the sign up page will be redirected to our main interface which have five main modules. From there, user can have access to the modules they prefer.





SOURCE CODE

TRAVEL GUI MAIN

```
import java.awt.BorderLayout;

import java.awt.EventQueue;


import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Font;

import java.awt.Image;

import java.awt.Color;

import javax.swing.JLabel;


public class TravelGuiMain extends JFrame {


	private JPanel contentPane;
```

```
/**
 * Launch the application.
 */
public static void main(String[] args) {
	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				TravelGuiMain frame = new TravelGuiMain();
				frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
 * Create the frame.
 */
public TravelGuiMain() {
```

```
setBackground(new Color(176, 224, 230));
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setBounds(0, 0, 1386, 749);
contentPane = new JPanel();
contentPane.setBackground(new Color(176, 224, 230));
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);
contentPane.setLayout(null);

JButton btnTourGuide = new JButton("Tour Guide");
btnTourGuide.setFont(new Font("STZhongsong", Font.BOLD, 19));
btnTourGuide.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                TourMain fourthtopic = new TourMain();
                fourthtopic.setVisible(true);
        }
});
btnTourGuide.setBounds(107, 193, 263, 59);
contentPane.add(btnTourGuide);
```

```
JButton btnTravelAgent = new JButton("Travel Agent");
btnTravelAgent.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {

		AgentInformation secondtopic = new AgentInformation();
		secondtopic.setVisible(true);
	}
});
btnTravelAgent.setFont(new Font("STZhongsong", Font.BOLD, 19));
btnTravelAgent.setBounds(107, 511, 263, 59);
contentPane.add(btnTravelAgent);

JButton btnCruiseConsultant = new JButton("Cruise Consultant");
btnCruiseConsultant.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {

		CruiseGui thirdtopic = new CruiseGui();
		thirdtopic.setVisible(true);
	}
});
btnCruiseConsultant.setFont(new Font("STZhongsong", Font.BOLD, 19));
```

```
btnCruiseConsultant.setBounds(544, 364, 263, 59);
contentPane.add(btnCruiseConsultant);

JButton btnTravelwb = new JButton("Travel Writer / Blogger");
btnTravelwb.setFont(new Font("STZhongsong", Font.BOLD, 19));
btnTravelwb.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                WriterTravelInterface firsttopic = new WriterTravelInterface();
                firsttopic.setVisible(true);
        }
});
btnTravelwb.setBounds(1003, 193, 263, 59);
contentPane.add(btnTravelwb);

JButton btnEventCoordinator = new JButton("Event Coordinator");
btnEventCoordinator.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                EventGui fifthtopic = new EventGui();
                fifthtopic.setVisible(true);
```

```
            }
        });
        btnEventCoordinator.setFont(new Font("STZhongsong", Font.BOLD, 19));
        btnEventCoordinator.setBounds(1003, 511, 263, 59);
        contentPane.add(btnEventCoordinator);

        JLabel lblTG = new JLabel("");
        Image img1 = new
ImageIcon(this.getClass().getResource("/iconTG.png")).getImage();
        lblTG.setIcon(new ImageIcon(img1));
        lblTG.setBounds(163, 44, 141, 119);
        contentPane.add(lblTG);

        JLabel lblTA = new JLabel("");
        Image img = new
ImageIcon(this.getClass().getResource("/iconTA.png")).getImage();
        lblTA.setIcon(new ImageIcon(img));
        lblTA.setBounds(163, 357, 153, 119);
        contentPane.add(lblTA);

        JLabel lblEC = new JLabel("");
```

```
                Image img2 = new
ImageIcon(this.getClass().getResource("/iconEC.png")).getImage();
                lblEC.setIcon(new ImageIcon(img2));
                lblEC.setBounds(1057, 357, 153, 119);
                contentPane.add(lblEC);


                JLabel lblCC = new JLabel("");
                Image img3 = new
ImageIcon(this.getClass().getResource("/iconCC.png")).getImage();
                lblCC.setIcon(new ImageIcon(img3));
                lblCC.setBounds(605, 193, 141, 144);
                contentPane.add(lblCC);


                JLabel lblWB = new JLabel("");
                Image img4 = new
ImageIcon(this.getClass().getResource("/iconWB.png")).getImage();
                lblWB.setIcon(new ImageIcon(img4));
                lblWB.setBounds(1081, 35, 146, 128);
                contentPane.add(lblWB);
        }
}
```

TRAVEL SIGNUP PAGE

```
import java.awt.BorderLayout;

import java.awt.EventQueue;


import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import java.awt.Color;

import javax.swing.JLabel;

import javax.swing.JOptionPane;


import java.awt.Font;

import java.awt.Image;


import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.SystemColor;
```

```
import javax.swing.JTextArea;
import javax.swing.JSeparator;
import javax.swing.JTextField;
import javax.swing.JPasswordField;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;

public class TravelSignUpPage extends JFrame {

	private JPanel contentPane;
	private JTextField textField;
	private JTextField textField_1;
	private JPasswordField passwordField;
	private JPasswordField passwordField_1;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
```

```
                        try {
                                TravelSignUpPage frame = new TravelSignUpPage();
                                frame.setVisible(true);
                        } catch (Exception e) {
                                e.printStackTrace();
                        }
                }
        });
}

/**
 * Create the frame.
 */
public TravelSignUpPage() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(0, 0, 1400, 800);
        contentPane = new JPanel();
        contentPane.setBackground(new Color(176, 224, 230));
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);
```

```
JPanel panel = new JPanel();
panel.setBackground(new Color(0, 0, 0));
panel.setBounds(0, 0, 800, 749);
contentPane.add(panel);
panel.setLayout(null);

JLabel lblWelcomeTo = new JLabel("Welcome to\r\n \r\n\r\n");
lblWelcomeTo.setForeground(new Color(255, 255, 255));
lblWelcomeTo.setBounds(167, 43, 500, 73);
lblWelcomeTo.setFont(new Font("STFangsong", Font.BOLD, 90));
panel.add(lblWelcomeTo);

JLabel lblTitle = new JLabel("Jom Kasi Travel\r\n \r\n\r\n");
lblTitle.setForeground(new Color(255, 255, 255));
lblTitle.setBounds(94, 153, 661, 118);
lblTitle.setFont(new Font("STFangsong", Font.BOLD, 90));
panel.add(lblTitle);

JLabel lblSystem = new JLabel("System");
lblSystem.setForeground(Color.WHITE);
```

```
lblSystem.setFont(new Font("STFangsong", Font.BOLD, 90));
lblSystem.setBounds(270, 300, 312, 118);
panel.add(lblSystem);

JLabel lbltravelBringsPower = new JLabel("\"Travel brings power & love \r\n");
lbltravelBringsPower.setForeground(Color.WHITE);
lbltravelBringsPower.setFont(new Font("STXingkai", Font.PLAIN, 56));
lbltravelBringsPower.setBounds(127, 437, 712, 118);
panel.add(lbltravelBringsPower);

JLabel lblBackIntoYour = new JLabel("back into your Life.\"\r\n");
lblBackIntoYour.setForeground(Color.WHITE);
lblBackIntoYour.setFont(new Font("STXingkai", Font.PLAIN, 56));
lblBackIntoYour.setBounds(205, 527, 406, 91);
panel.add(lblBackIntoYour);

JLabel lblrumi = new JLabel("-Rumi-");
lblrumi.setForeground(Color.WHITE);
lblrumi.setFont(new Font("STFangsong", Font.BOLD, 30));
lblrumi.setBounds(359, 584, 100, 91);
panel.add(lblrumi);
```

```
		JLabel lblNewLabel_1 = new JLabel("");
		Image img1 = new
ImageIcon(this.getClass().getResource("/p2.png")).getImage();
		lblNewLabel_1.setIcon(new ImageIcon(img1));
		lblNewLabel_1.setBounds(0, 0, 800, 749);
		panel.add(lblNewLabel_1);



		JButton btnSignUp = new JButton("Sign Up");
		btnSignUp.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				String userText = textField.getText();
				String pwdText = passwordField.getText();

				if(userText.equals("name") && pwdText.equals("password"))
				{
					JOptionPane.showMessageDialog(frame, "You're
sign up successfully");
					//create object

					TravelGuiMain frame = new TravelGuiMain();
```

```
                                        frame.setVisible(true);
                                }
                                else
                                {
                                JOptionPane.showMessageDialog(frame, "Your password and repeat password not same");
                                }
                        }
                });
                btnSignUp.setForeground(new Color(255, 255, 255));
                btnSignUp.setBackground(SystemColor.textHighlight);
                btnSignUp.setFont(new Font("Tahoma", Font.PLAIN, 18));
                btnSignUp.setBounds(915, 554, 238, 37);
                contentPane.add(btnSignUp);

                textField = new JTextField();
                textField.setFont(new Font("Trebuchet MS", Font.BOLD, 20));
                textField.setBackground(new Color(192, 192, 192));
                textField.setBounds(838, 122, 404, 51);
                contentPane.add(textField);
                textField.setColumns(10);
```

```
textField_1 = new JTextField();
textField_1.setFont(new Font("Trebuchet MS", Font.BOLD, 20));
textField_1.setColumns(10);
textField_1.setBackground(Color.LIGHT_GRAY);
textField_1.setBounds(838, 232, 404, 51);
contentPane.add(textField_1);

JLabel lblNewLabel = new JLabel("USERNAME");
lblNewLabel.setFont(new Font("Trebuchet MS", Font.BOLD, 15));
lblNewLabel.setBounds(838, 68, 212, 37);
contentPane.add(lblNewLabel);

JLabel lblEmailAddress = new JLabel("EMAIL ADDRESS");
lblEmailAddress.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
lblEmailAddress.setBounds(838, 184, 212, 37);
contentPane.add(lblEmailAddress);

JLabel lblPassword = new JLabel("PASSWORD");
lblPassword.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
lblPassword.setBounds(838, 294, 212, 37);
```

```
contentPane.add(lblPassword);


JLabel lblRepeatPassword = new JLabel("REPEAT PASSWORD");
lblRepeatPassword.setFont(new Font("Trebuchet MS", Font.BOLD, 14));
lblRepeatPassword.setBounds(838, 404, 212, 37);
contentPane.add(lblRepeatPassword);


passwordField = new JPasswordField();
passwordField.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {




        }
});
passwordField.setFont(new Font("Tahoma", Font.BOLD, 20));
passwordField.setBackground(new Color(192, 192, 192));
passwordField.setBounds(838, 452, 404, 51);
contentPane.add(passwordField);


passwordField_1 = new JPasswordField();
```

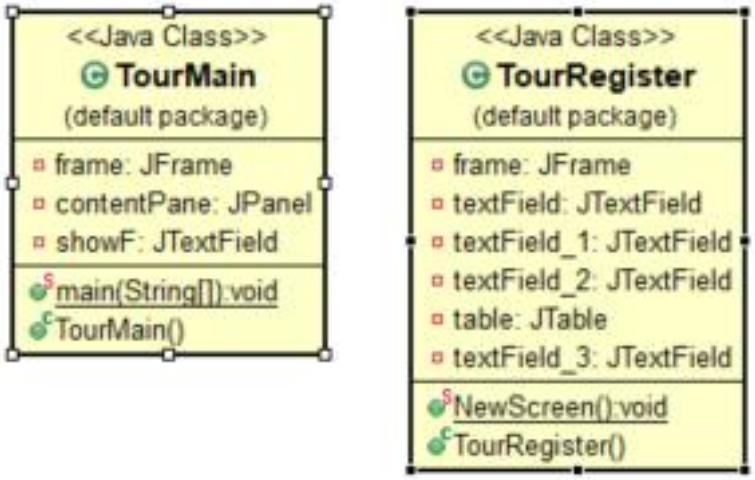
```
            passwordField_1.setFont(new Font("Tahoma", Font.BOLD, 20));
            passwordField_1.setBackground(Color.LIGHT_GRAY);
            passwordField_1.setBounds(838, 342, 404, 51);
            contentPane.add(passwordField_1);



        }
}
```

REPORT (TOUR GUIDE)

1. BACKGROUND

Tour Guide Service Information is an information platform for users to seek up-to-date information on what services have been offered. The purpose of this project is to make an interactive GUI (Graphical User Interface) for user's experience of various of features in this program. Other than that, this project also ensures to implement the Object Oriented Programming in this features of program. In this module, parent class which is Tour Guide main is the main application where few option will be providing to users. Next, other module consist of a number of choices have been made for users to select services such as culture tour, city tour, adventure tour and forest tour. Users can also make a booking directly with this program and all data will be stored for further use.

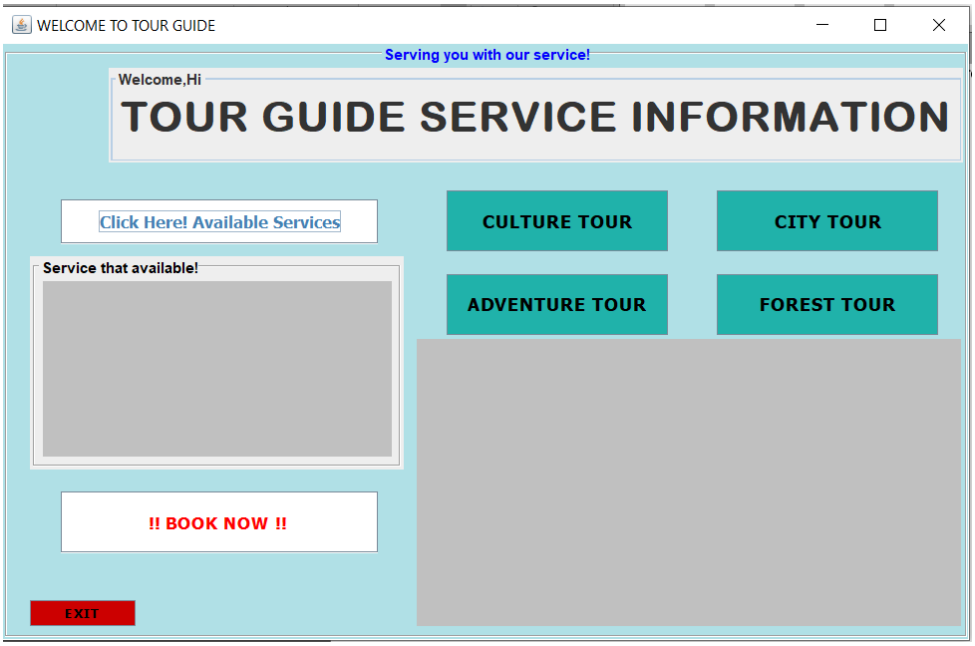
2. UML DIAGRAM



3. PROGRAM DISCRIPTION

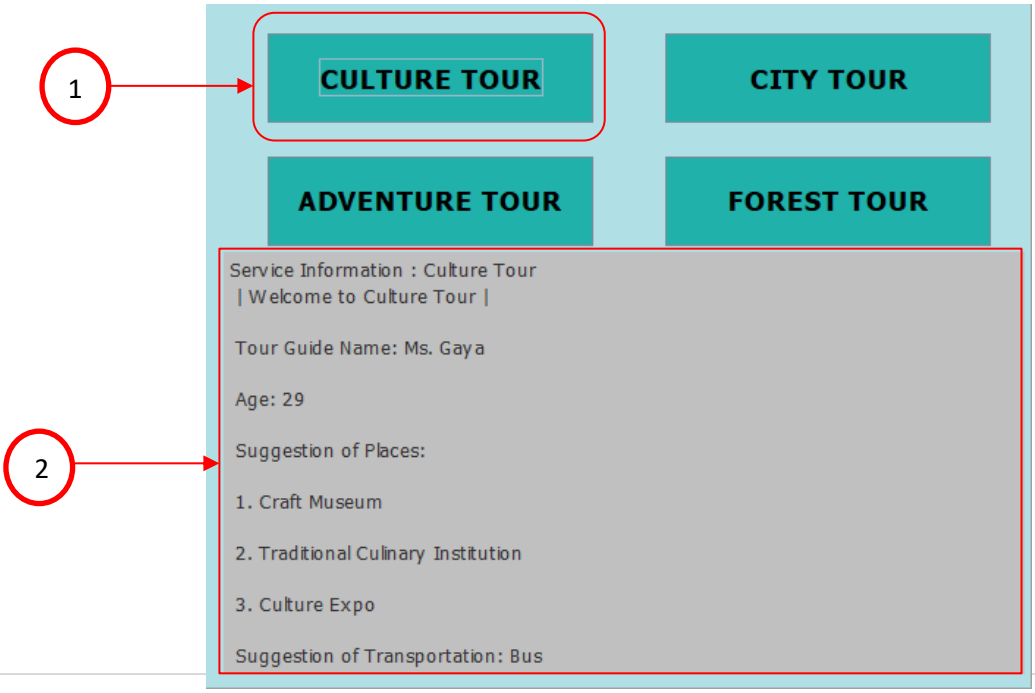
User Manual (Tour Guide Service Information)

1. Home Interface



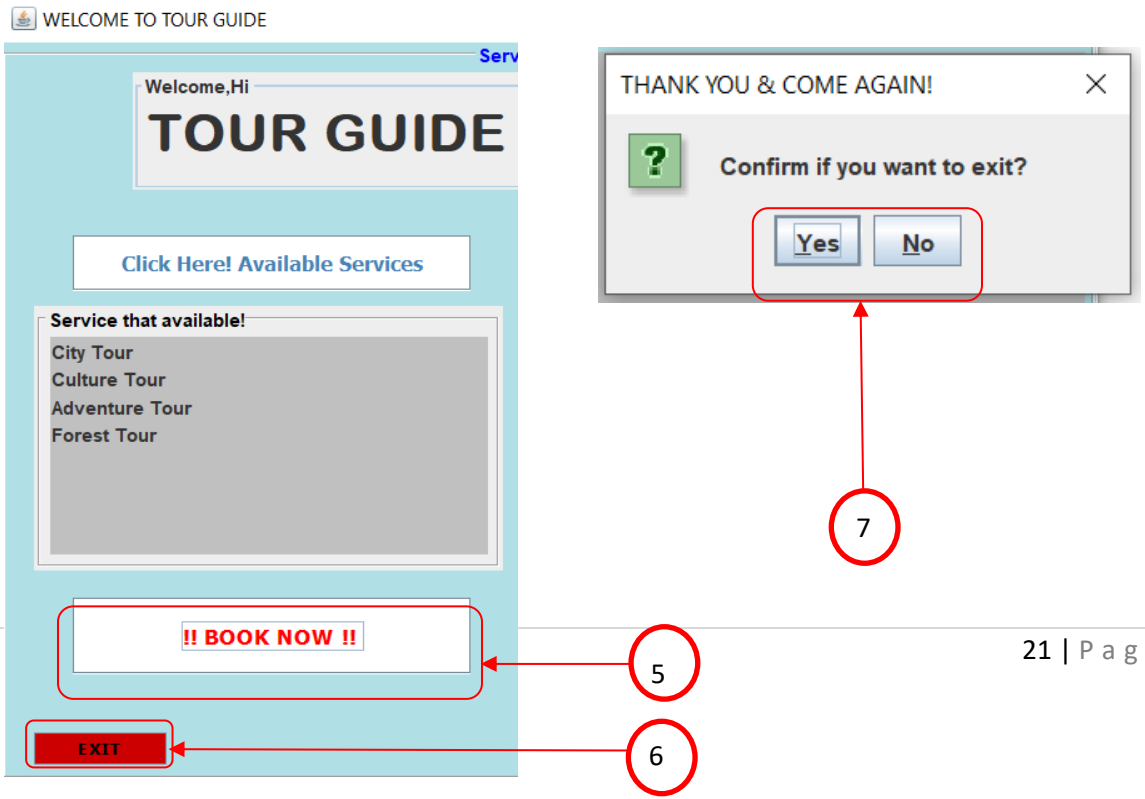
1.1 Information Buttons

1. Type of button; this button will show more details about the services.
2. Text Panel; this part where user can see the details.

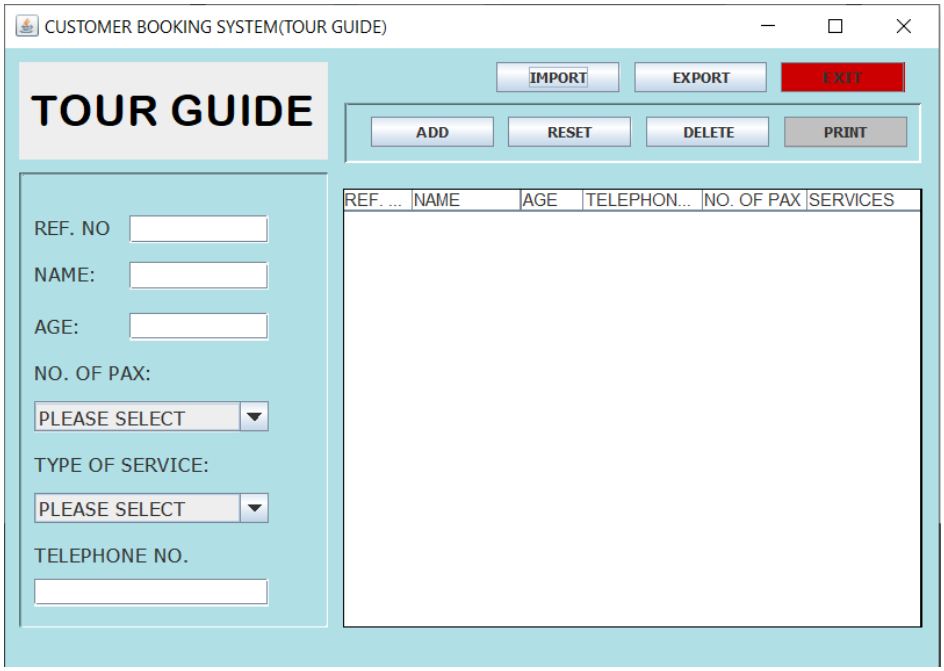


3. Available Service Button; this button shows user the current available services that provided.
4. Text Panel; this text panel with shows latest services that available

5. Booking Button; this button will pop-up a new window to user if they want to make a booking.
6. Exit Button; this exit button will exit this current program
7. Exit Option; user will be give option to stay in current program or exit the program



2. Customer Booking System

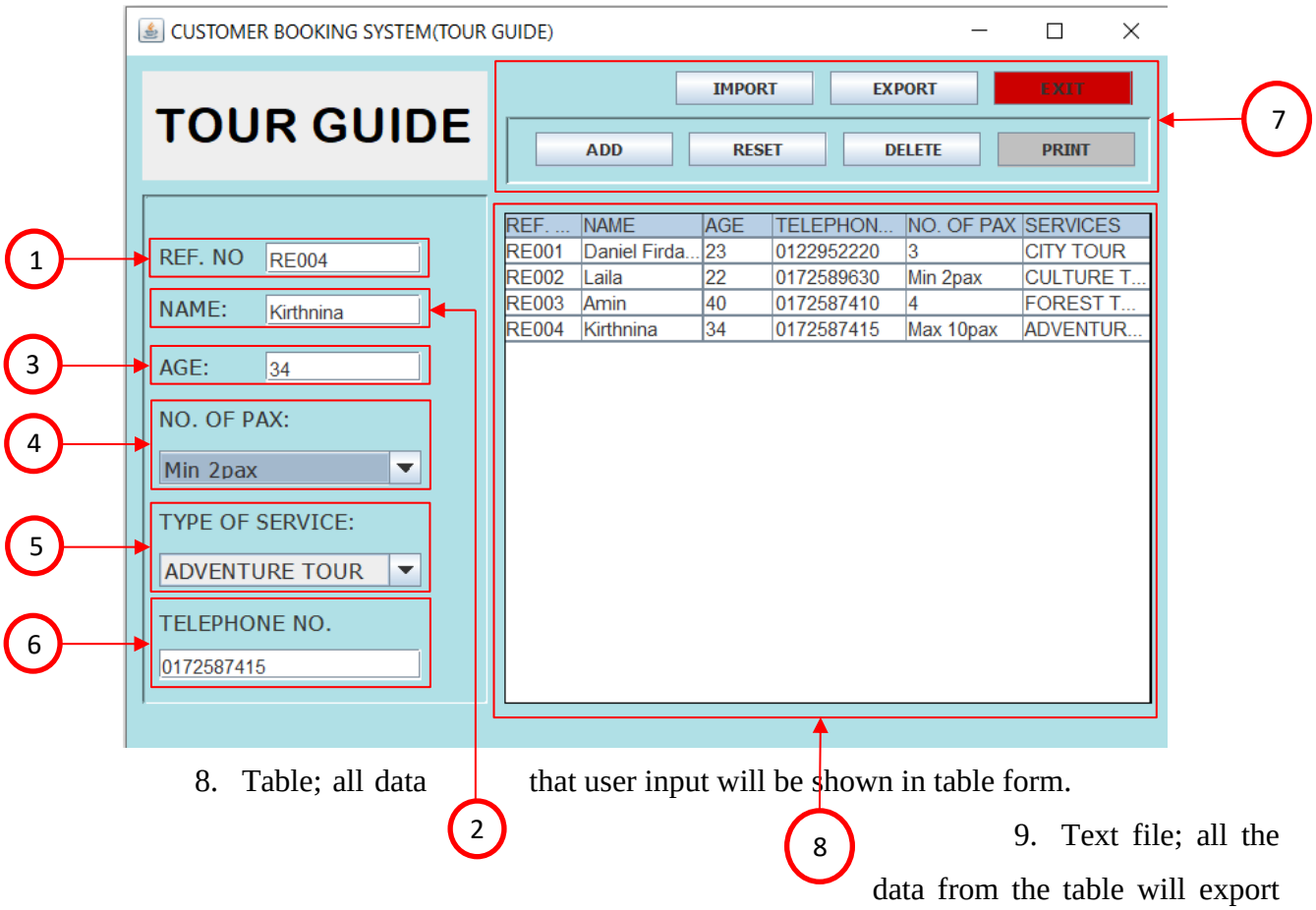


2.1 Booking Flows

1. Reference No.; reference number for person-in-charges to refer the data easily.
2. Name; user need to input name.
3. Age; user need to input age.
4. Drop box No. of Passenger/Guest; user need to choose the selection in the drop box given.
5. Drop box Type of service; Users need to choose the service they want to choose from.
6. Telephone No.; user input telephone no. to be contact after done making booking.
7. Various of buttons option:
    a. Add; will add the input user key-in and choose.
    b. Reset; reset the user input.
    c. Delete; delete the data that user input after added in the table.
    d. Print; to print the table data.
    e. Import; function to import existing data from designated document.

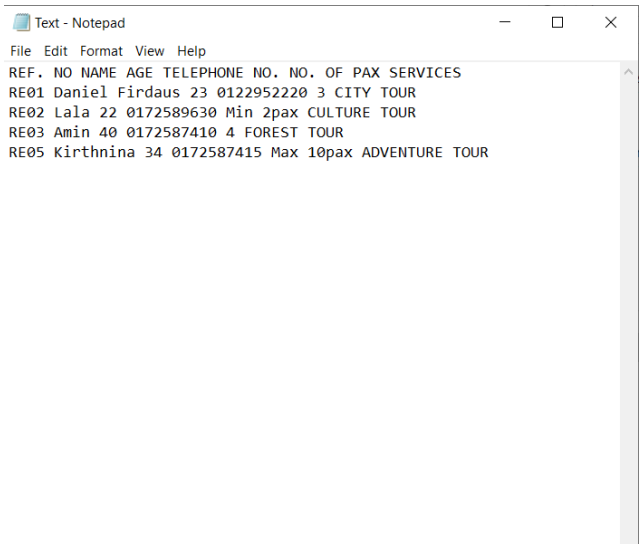
f. Export; function to export the current data to designated document to be stored.

g. Exit; this exit button will exit this current program



8. Table; all data that user input will be shown in table form.

9. Text file; all the data from the table will export to text file then can be import back to table with the existing data.


Text - Notepad
File Edit Format View Help
REF. NO NAME AGE TELEPHONE NO. NO. OF PAX SERVICES
RE01 Daniel Firdaus 23 0122952220 3 CITY TOUR
RE02 Lala 22 0172589630 Min 2pax CULTURE TOUR
RE03 Amin 40 0172587410 4 FOREST TOUR
RE05 Kirthnina 34 0172587415 Max 10pax ADVENTURE TOUR

4. SOURCE CODE

4.1 TG CLASS

```
import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.awt.Image;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import java.awt.Color;

import java.awt.Component;

import javax.swing.border.TitledBorder;

import javax.swing.border.EtchedBorder;

import javax.swing.JList;

import javax.swing.JOptionPane;

import javax.imageio.ImageIO;

import javax.swing.DefaultListModel;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;
```

```
import java.awt.event.ActionEvent;

import javax.swing.JTextPane;

import javax.swing.JComboBox;

import javax.swing.JTextField;

import java.awt.Font;

import javax.swing.JSplitPane;

import java.awt.SystemColor;

import javax.swing.border.SoftBevelBorder;

import javax.swing.border.BevelBorder;

public class TG extends JFrame {

private JFrame frame;

private JPanel contentPane;

private JTextField showF;

/**

 * Launch the application.

 */

public static void main(String[] args) {

	EventQueue.invokeLater(new Runnable() {

		public void run() {

			try {

				TG frame = new TG();
```

```
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
}

/**
 * Create the frame.
 */
public TG() {
    setTitle("WELCOME TO TOUR GUIDE ");
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 790, 516);
    contentPane = new JPanel();
    contentPane.setBackground(new Color(176, 224, 230));
    contentPane.setBorder(new TitledBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160, 160, 160)), "Serving you with our service!", TitledBorder.CENTER, TitledBorder.TOP, null, new Color(0, 0, 255)));
    setContentPane(contentPane);
    contentPane.setLayout(null);
```

```
JPanel panel = new JPanel();

panel.setBorder(new TitledBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160, 160, 160)), "Service that available!", TitledBorder.LEADING, TitledBorder.TOP, null, new Color(0, 0, 0)));

panel.setBounds(22, 171, 300, 171);

contentPane.add(panel);

panel.setLayout(null);


JList list = new JList();

list.setBounds(10, 20, 280, 141);

panel.add(list);

list.setBackground(Color.LIGHT_GRAY);



JButton btnChoose = new JButton("Click Here! Available Services");

btnChoose.setForeground(new Color(70, 130, 180));

btnChoose.setBackground(Color.WHITE);

btnChoose.setFont(new Font("Tahoma", Font.BOLD, 13));

btnChoose.addActionListener(new ActionListener() {

        public void actionPerformed(ActionEvent e) {

                DefaultListModel DLM = new DefaultListModel();
```

```
                DLM.addElement("City Tour");
                DLM.addElement("Culture Tour");
                DLM.addElement("Adventure Tour");
                DLM.addElement("Forest Tour");
                list.setModel(DLM);
            }
        });
        btnChoose.setBounds(47, 125, 254, 36);
        contentPane.add(btnChoose);

        JButton btnBooking = new JButton("!! BOOK NOW !! ");
        btnBooking.setForeground(new Color(255, 0, 0));
        btnBooking.setFont(new Font("Tahoma", Font.BOLD, 14));
        btnBooking.setBackground(SystemColor.text);
        btnBooking.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                Register nw = new Register();
                nw.NewScreen();
                //JOptionPane.showMessageDialog(contentPane,
              //"Booking is currently unavailable due to Covid19. We apoligize for the inconvenience. Thank you");
```

```
        }
});
btnBooking.setBounds(47, 360, 254, 49);
contentPane.add(btnBooking);


JTextPane textPane = new JTextPane();
textPane.setFont(new Font("Tahoma", Font.PLAIN, 11));
textPane.setBackground(Color.LIGHT_GRAY);
textPane.setBounds(332, 237, 437, 231);
contentPane.add(textPane);
JButton CityTourButton = new JButton("CITY TOUR");
CityTourButton.setFont(new Font("Tahoma", Font.BOLD, 15));
CityTourButton.setBackground(new Color(32, 178, 170));
CityTourButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
                textPane.setText("Service Information : City Tour\r\n"
                                + "\n | Welcome to City Tour |\r\n "
                   + "\n Tour Guide Name: Ms. Farah\r\n"
                   + "\n Age: 25\r\n"
                   + "\n Suggestion of Places: \r\n"
                   + "\n 1. Visit Museum\r\n"
```

```
                + "\n 2. city sighseeing\r\n"
                + "\n 3. visit main landmarks\r\n"
                + "\n Suggestion of Transportation: Bus");
        }
});
CityTourButton.setForeground(Color.BLACK);
CityTourButton.setBounds(573, 118, 178, 49);
contentPane.add(CityTourButton);

JButton CultureTourButton = new JButton("CULTURE TOUR");
CultureTourButton.setFont(new Font("Tahoma", Font.BOLD, 15));
CultureTourButton.setBackground(new Color(32, 178, 170));
CultureTourButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
                textPane.setText("Service Information : Culture Tour"
            + "\n | Welcome to Culture Tour |\r\n"
            + "\n Tour Guide Name: Ms. Gaya\r\n"
            + "\n Age: 29\r\n"
            + "\n Suggestion of Places: \r\n"
            + "\n 1. Craft Museum \r\n"
            + "\n 2. Traditional Culinary Institution \r\n"
```

```
            + "\n 3. Culture Expo \r\n"
            + "\n Suggestion of Transportation: Bus");
        }
});
CultureTourButton.setForeground(Color.BLACK);
CultureTourButton.setBounds(356, 118, 178, 49);
contentPane.add(CultureTourButton);

JButton AdventureTourButton = new JButton("ADVENTURE TOUR");
AdventureTourButton.setFont(new Font("Tahoma", Font.BOLD, 15));
AdventureTourButton.setBackground(new Color(32, 178, 170));
AdventureTourButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
                textPane.setText("Service Information : Adventure Tour\r\n"
                                + "\n | Welcome to Adventure Tour | \r\n"
                    + "\n Tour Guide Name: Mr.Raja \r\n"
                    + "\n Age: 33 \r\n"
                    + "\n Suggestion of Places: \r\n"
                    + "\n 1) Adam's Peak (Sri Lanka)\r\n"
                    + "\n Suggestion of Transportation: Bus");
        }
```

```
});
AdventureTourButton.setForeground(Color.BLACK);
AdventureTourButton.setBounds(356, 185, 178, 49);
contentPane.add(AdventureTourButton);


JButton ForestTourButton = new JButton("FOREST TOUR");
ForestTourButton.setFont(new Font("Tahoma", Font.BOLD, 15));
ForestTourButton.setBackground(new Color(32, 178, 170));
ForestTourButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
		textPane.setText("Service Information : Forest Tour\r\n"
				+ "\n | Welcome to Forest Tour | \r\n"
	    + "\n Tour Guide Name: Mr.Ali\r\n"
	    + "\n Age: 27\r\n"
	    + "\n Suggestion of Places: \r\n"
	    + "\n 1. Mossy Forest Gunung Brinchang \r\n"
	    + "\n 2. Gunung Tahan Exploration\r\n"
	    + "\n Suggestion of Transportation: \r\n"
	    + "1) Bus");
	}
});
```

```
ForestTourButton.setForeground(Color.BLACK);
ForestTourButton.setBounds(573, 185, 178, 49);
contentPane.add(ForestTourButton);

JPanel panel_1 = new JPanel();
panel_1.setBorder(new TitledBorder(null, "Welcome,Hi", TitledBorder.LEADING, TitledBorder.TOP, null, null));
panel_1.setBounds(85, 20, 686, 76);
contentPane.add(panel_1);
panel_1.setLayout(null);

JLabel lblNewLabel = new JLabel(" TOUR GUIDE SERVICE INFORMATION");
lblNewLabel.setBounds(0, 0, 686, 76);
panel_1.add(lblNewLabel);
lblNewLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD, 34));

JButton btnNewButton = new JButton("EXIT");
btnNewButton.setBackground(new Color(204, 0, 0));
btnNewButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                frame = new JFrame();
```

```
                    if(JOptionPane.showConfirmDialog(frame,"Confirm if you want to exit?","THANK YOU & COME AGAIN!",
                                        JOptionPane.YES_NO_OPTION)==
JOptionPane.YES_NO_OPTION) {
                        System.exit(0);
                    }
                }
        });
        btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 11));
        btnNewButton.setForeground(new Color(0, 0, 0));
        btnNewButton.setBounds(22, 447, 85, 21);
        contentPane.add(btnNewButton);



}
}
```

4.2 Register Class

```
import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.awt.print.*;

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileNotFoundException;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.logging.Level;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import java.awt.SystemColor;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Label;


import javax.swing.JComboBox;
```

```
import javax.swing.JTextField;

import javax.swing.JRadioButton;

import javax.swing.ButtonGroup;

import javax.swing.DefaultComboBoxModel;

import javax.swing.JButton;

import java.awt.Color;

import javax.swing.JLayeredPane;

import javax.swing.JOptionPane;

import javax.swing.JTable;

import javax.swing.border.SoftBevelBorder;

import javax.swing.table.DefaultTableModel;

import javax.swing.border.BevelBorder;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.border.MatteBorder;

import java.awt.Rectangle;

import java.awt.ScrollPane;

import javax.swing.ImageIcon;

public class Register extends JFrame {

	private JFrame frame;

	private JTextField textField;
```

```
private JTextField textField_1;
private JTextField textField_2;
private JTable table;
private JTextField textField_3;
/**
 * Launch the application.
 */
public static void NewScreen() {
	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				Register frame = new Register();
				frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
```

```
 * Create the frame.
 */
public Register() {
	setBounds(new Rectangle(0, 0, 658, 466));
	setTitle("CUSTOMER BOOKING SYSTEM(TOUR GUIDE)");
	getContentPane().setBackground(new Color(176, 224, 230));
	getContentPane().setLayout(null);

	JButton btnNewButton_4 = new JButton("EXIT");
	btnNewButton_4.addActionListener(new ActionListener() {
		public void actionPerformed(ActionEvent e) {

			frame = new JFrame();
			if(JOptionPane.showConfirmDialog(frame,"Confirm if you want to exit?","Print System",
					JOptionPane.YES_NO_OPTION)==JOptionPane.YES_NO_OPTION) {
				System.exit(0);
			}
		}
	});
	btnNewButton_4.setFont(new Font("Tahoma", Font.BOLD, 11));
```

```
		btnNewButton_4.setBackground(new Color(204, 0, 0));
		btnNewButton_4.setBounds(535, 10, 85, 21);
		getContentPane().add(btnNewButton_4);

		JLayeredPane layeredPane = new JLayeredPane();
		layeredPane.setBounds(233, 97, 399, 303);
		getContentPane().add(layeredPane);

		table = new JTable();
		table.setBounds(0, 0, 399, 303);
		layeredPane.add(table);
		table.setBorder(new MatteBorder(1, 1, 1, 1, (Color) new Color(0, 0, 0)));
		table.setModel(new DefaultTableModel(
			new Object[][] {
				{"REF. NO", "NAME", "AGE", "TELEPHONE NO.", "NO. OF PAX", "SERVICES"},
			},
			new String[] {
				"REF. NO", "NAME", "AGE", "TELEPHONE NO.", "NO. OF PAX", "SERVICES"
			}
		));
```

```
table.getColumnModel().getColumn(0).setPreferredWidth(51);
table.getColumnModel().getColumn(1).setPreferredWidth(81);
table.getColumnModel().getColumn(2).setPreferredWidth(46);
table.getColumnModel().getColumn(3).setPreferredWidth(88);
table.getColumnModel().getColumn(4).setPreferredWidth(77);
table.getColumnModel().getColumn(5).setPreferredWidth(85);

ScrollPane scrollPane = new ScrollPane();
scrollPane.setBounds(0, 0, 399, 303);
layeredPane.add(scrollPane);

JLayeredPane layeredPane_1 = new JLayeredPane();
layeredPane_1.setBorder(new SoftBevelBorder(BevelBorder.LOWERED, null, null, null, null));
layeredPane_1.setBounds(10, 86, 213, 314);
getContentPane().add(layeredPane_1);

JLabel lblTypeOfService = new JLabel("TYPE OF SERVICE:");
lblTypeOfService.setBounds(10, 189, 132, 22);
layeredPane_1.add(lblTypeOfService);
lblTypeOfService.setFont(new Font("Tahoma", Font.PLAIN, 14));
```

```
JComboBox comboBox = new JComboBox();
comboBox.setBounds(10, 158, 162, 21);
layeredPane_1.add(comboBox);
comboBox.setFont(new Font("Tahoma", Font.PLAIN, 14));
comboBox.setModel(new DefaultComboBoxModel(new String[] {"PLEASE SELECT", "Min 2pax", "3", "4", "5", "Max 10pax"}));

JLabel lblNoOfPax = new JLabel("NO. OF PAX:");
lblNoOfPax.setBounds(10, 126, 81, 22);
layeredPane_1.add(lblNoOfPax);
lblNoOfPax.setFont(new Font("Tahoma", Font.PLAIN, 14));

JLabel lblAge = new JLabel("AGE:");
lblAge.setBounds(10, 94, 56, 22);
layeredPane_1.add(lblAge);
lblAge.setFont(new Font("Tahoma", Font.PLAIN, 14));

textField_2 = new JTextField();
textField_2.setBounds(76, 97, 96, 19);
layeredPane_1.add(textField_2);
```

```
textField_2.setColumns(10);


JLabel lblNewLabel = new JLabel("NAME:");
lblNewLabel.setBounds(10, 58, 56, 22);
layeredPane_1.add(lblNewLabel);
lblNewLabel.setFont(new Font("Tahoma", Font.PLAIN, 14));


textField_1 = new JTextField();
textField_1.setBounds(76, 62, 96, 19);
layeredPane_1.add(textField_1);
textField_1.setColumns(10);


JLabel lblRef = new JLabel("REF. NO");
lblRef.setBounds(10, 26, 56, 22);
layeredPane_1.add(lblRef);
lblRef.setFont(new Font("Tahoma", Font.PLAIN, 14));


textField = new JTextField();
textField.setBounds(76, 30, 96, 19);
layeredPane_1.add(textField);
textField.setColumns(10);
```

```
JComboBox comboBox_1 = new JComboBox();

comboBox_1.setFont(new Font("Tahoma", Font.PLAIN, 14));

comboBox_1.setModel(new DefaultComboBoxModel(new String[] {"PLEASE SELECT", "CITY TOUR", "CULTURE TOUR", "FOREST TOUR", "ADVENTURE TOUR"}));

comboBox_1.setBounds(10, 221, 162, 21);

layeredPane_1.add(comboBox_1);


JLabel lblNewLabel_1 = new JLabel("TELEPHONE NO.");

lblNewLabel_1.setFont(new Font("Tahoma", Font.PLAIN, 14));

lblNewLabel_1.setBounds(10, 257, 106, 13);

layeredPane_1.add(lblNewLabel_1);


textField_3 = new JTextField();

textField_3.setBounds(10, 280, 162, 19);

layeredPane_1.add(textField_3);

textField_3.setColumns(10);


JLayeredPane layeredPane_2 = new JLayeredPane();

layeredPane_2.setBorder(new BevelBorder(BevelBorder.LOWERED, null, null, null, null));
```

```
layeredPane_2.setBounds(234, 38, 398, 42);
getContentPane().add(layeredPane_2);

JButton btnNewButton_3 = new JButton("PRINT");
btnNewButton_3.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                try
        {
           table.print();
        }
        catch(java.awt.print.PrinterException e1){
           System.err.format("No Printer found", e1.getMessage());
        }
         }
});
btnNewButton_3.setBounds(303, 10, 85, 21);
layeredPane_2.add(btnNewButton_3);
btnNewButton_3.setBackground(Color.LIGHT_GRAY);
btnNewButton_3.setFont(new Font("Tahoma", Font.BOLD, 10));
```

```
JButton btnNewButton_2 = new JButton("DELETE");
btnNewButton_2.setFont(new Font("Tahoma", Font.BOLD, 10));
btnNewButton_2.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        DefaultTableModel model = (DefaultTableModel) table.getModel();
    if(table.getSelectedRow()== -1){
      if(table.getRowCount()== 0){

        JOptionPane.showMessageDialog(null, "No data to delete",
            "CUSTOMER BOOKING SYSTEM",JOptionPane.OK_OPTION);
      }else{
        JOptionPane.showMessageDialog(null, "Select a row to delete",
            "CUSTOMER BOOKING SYSTEM", JOptionPane.OK_OPTION);
      }
    }else{
      model.removeRow(table.getSelectedRow());
    }
      }
});
```

```
btnNewButton_2.setBounds(208, 10, 85, 21);
layeredPane_2.add(btnNewButton_2);

JButton btnNewButton_1 = new JButton("RESET");
btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 10));
btnNewButton_1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                textField.setText("");
                textField_1.setText("");
                textField_2.setText("");
                textField_3.setText("");
                comboBox.setSelectedItem("PLEASE SELECT");
                comboBox_1.setSelectedItem("PLEASE SELECT");
        }
});
btnNewButton_1.setBounds(113, 10, 85, 21);
layeredPane_2.add(btnNewButton_1);

JButton btnNewButton = new JButton("ADD");
btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 10));
btnNewButton.addActionListener(new ActionListener() {
```

```
public void actionPerformed(ActionEvent e) {
    DefaultTableModel model;
    model = (DefaultTableModel) table.getModel();
    model.addRow(new Object[]{

      textField.getText(),
      textField_1.getText(),
      textField_2.getText(),
      textField_3.getText(),
      comboBox.getSelectedItem(),
      comboBox_1.getSelectedItem()

    });

    if(table.getSelectedRow()==1){
      if(table.getRowCount()==0){
        JOptionPane.showMessageDialog(null, "Update confirmed", "Booking System", JOptionPane.OK_OPTION);
      }
    }
}
```

```
        });
        btnNewButton.setBounds(18, 10, 85, 21);
        layeredPane_2.add(btnNewButton);

        JButton btnNewButton_5 = new JButton("EXPORT");
        btnNewButton_5.setFont(new Font("Tahoma", Font.BOLD, 10));
        btnNewButton_5.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                String filePatch = "C:\\Users\\Danielfirdaus\\OneDrive\\Desktop\\UUM\\Programming 2\\Text.txt";
                File file = new File(filePatch);

                try {
                    FileWriter fw = new FileWriter(file);
                    BufferedWriter bw = new BufferedWriter(fw);

                    for(int i=0; i<table.getRowCount(); i++) {
                        for(int j = 0; j<table.getColumnCount(); j++) {
                            bw.write(table.getValueAt(i, j).toString()+ " ");
                        }
                        bw.newLine();
```

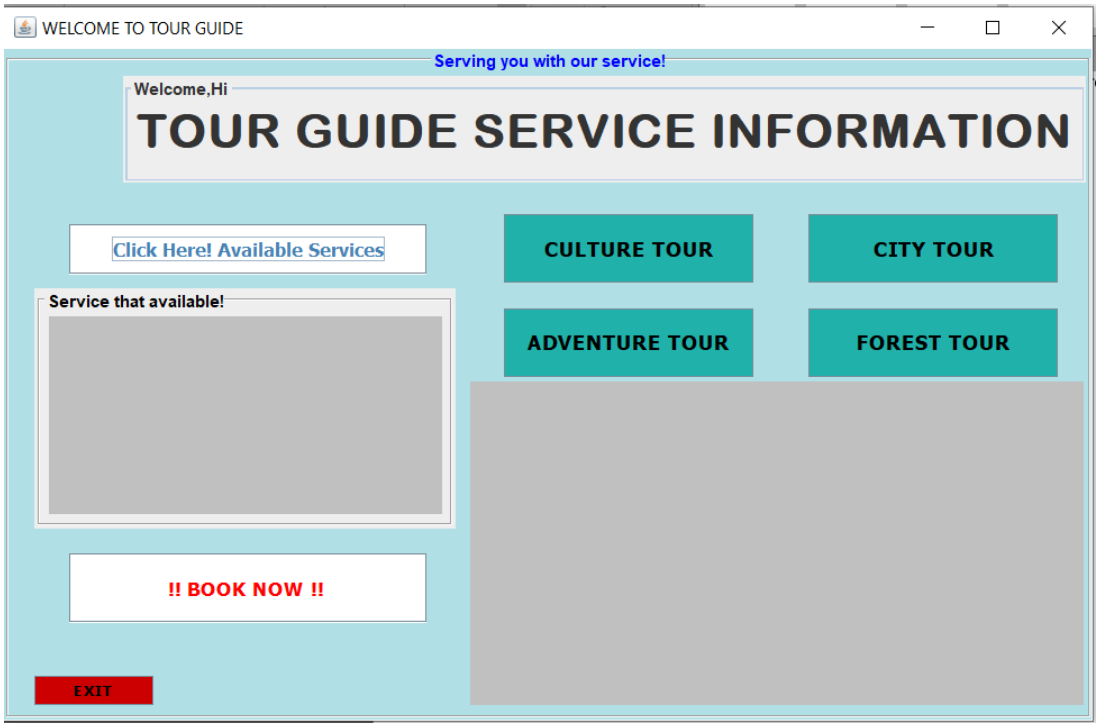
```
                    }
                    bw.close();
                    fw.close();
                }
                catch(IOException ex) {

        java.util.logging.Logger.getLogger(Register.class.getName()).log(Level.SEVERE,null,ex
);
                    }
                }
            });
            btnNewButton_5.setBounds(434, 10, 91, 21);
            getContentPane().add(btnNewButton_5);

            JButton btnNewButton_6 = new JButton("IMPORT");
            btnNewButton_6.setFont(new Font("Tahoma", Font.BOLD, 10));
            btnNewButton_6.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                    DefaultTableModel model;
                model = (DefaultTableModel) table.getModel();
                    String filePatch =
"C:\\Users\\Danielfirdaus\\OneDrive\\Desktop\\UUM\\Programming 2\\Text.txt";
```

```
                File file = new File(filePatch);



                try {
                    FileReader fr = new FileReader(file);
                    BufferedReader br = new BufferedReader(fr);
                    Object[] lines = br.lines().toArray();

                    for(int i = 0; i<lines.length; i++) {
                        String[] row = lines[i].toString().split(" ");
                        model.addRow(row);
                    }
                }
                catch(FileNotFoundException ex) {

        java.util.logging.Logger.getLogger(Register.class.getName()).log(Level.SEVERE,null,ex
);
                }



            }
        });
```

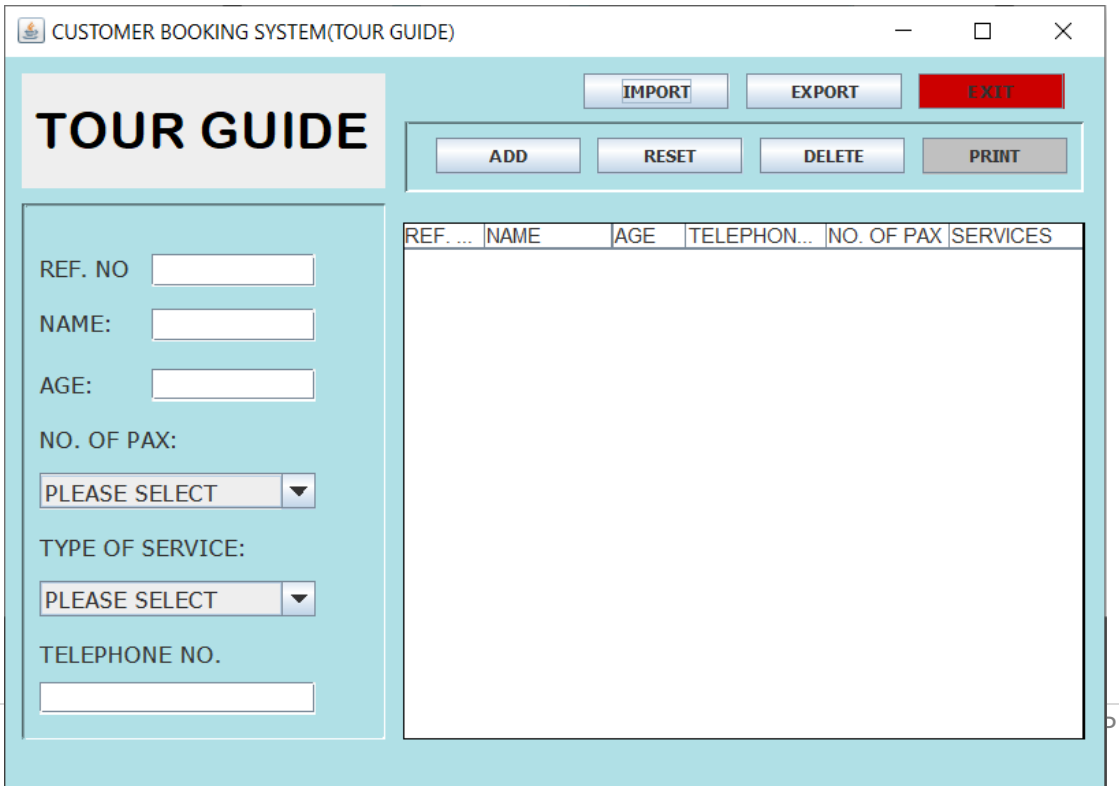
```
        btnNewButton_6.setBounds(339, 10, 85, 21);
        getContentPane().add(btnNewButton_6);

        JPanel panel = new JPanel();
        panel.setBounds(10, 10, 213, 67);
        getContentPane().add(panel);
        panel.setLayout(null);

        JLabel lblNewLabel_2 = new JLabel(" TOUR GUIDE");
        lblNewLabel_2.setForeground(Color.BLACK);
        lblNewLabel_2.setBackground(new Color(176, 224, 230));
        lblNewLabel_2.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN, 30));
        lblNewLabel_2.setBounds(0, 0, 213, 67);
        panel.add(lblNewLabel_2);
    }
}
```

5. SAMPLE RUN

a. Home Interface



b. Register/Booking Interface



REPORT (TRAVEL AGENT)

1. BACKGROUND

Travel Agent Information is a platform for user to read details about the information easily and key in their information easily using a friendly GUI (Graphical User Interface). Some of traveller or tourist want to travel but doesn't know what promotion is happening within their budget. Not only that, it's also hard to search for the place's information. Tracking the booking information is also difficult. With this GUI, user will know the latest package promotion expenses and know what to prepare to travel in that places. Not only that, know their final result booking information. For the main interface, user can see the details promotion package and what is not available. For the booking registration system, customer can key in their details and add their record to the data table. Besides that, company also can see the data that the customer registered in their file path.

2. UML DIAGRAM

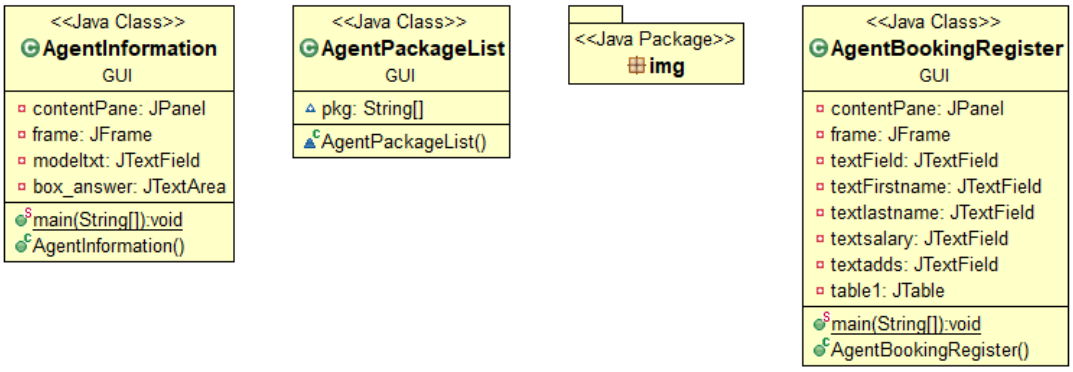


Figure above show the UML Diagram for this project

3. PROGRAM DISCRIPTION

User Manual (Travel Agent Information)

1. Home Interface

Information Buttons

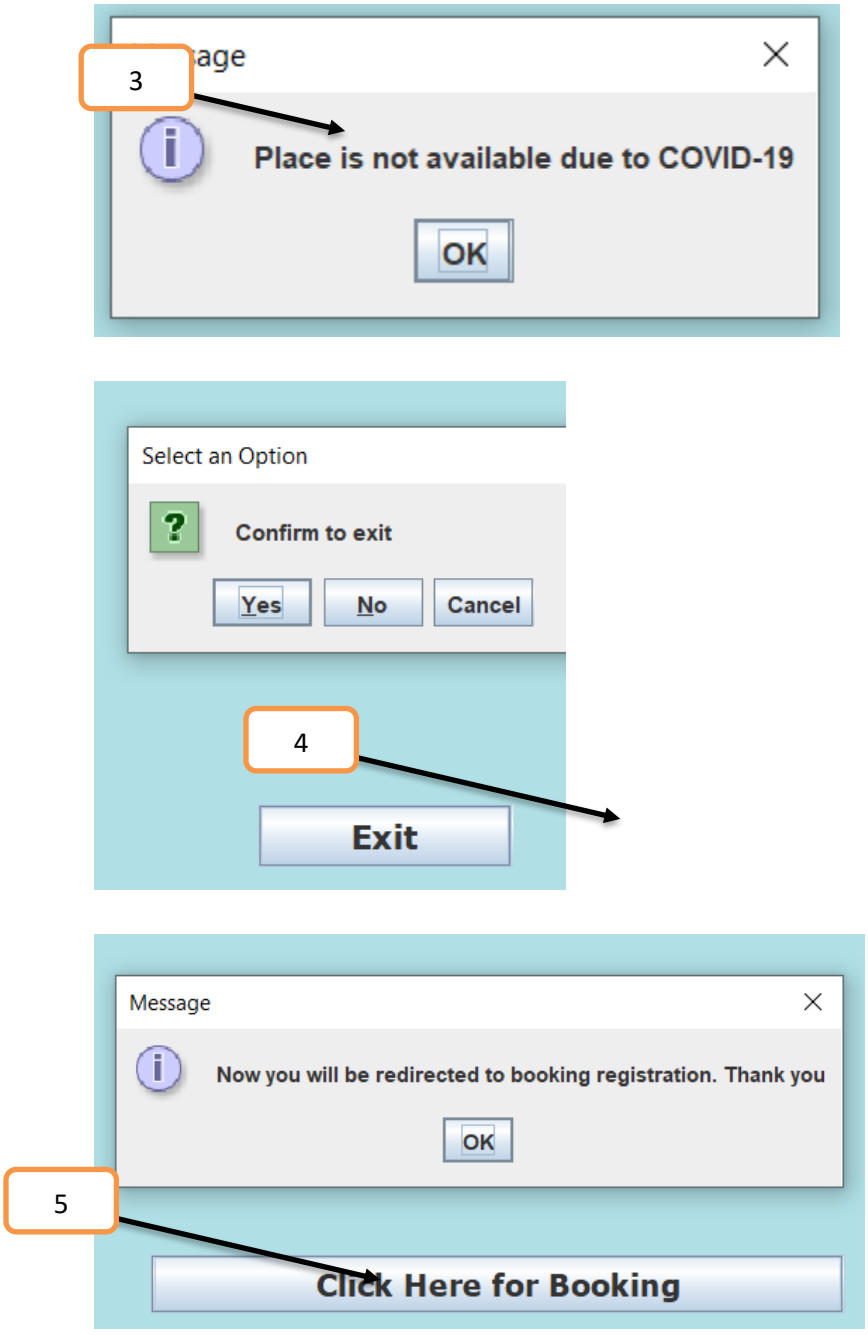
1. Place type of button: Clicking the places or country button will show the details information about that particular places.

2. Text Area Panel: this part is where user can see the detail information

3. If places are not available. It will notify user a friendly message that the place is unavailable.

4. Exit button is for user who want to exit the interface. Click Yes to Exit and click No to stay on this page.

5. Click Here for Booking button is for user who want to continue to booking system registration



6. Travel Agent Customer Booking System

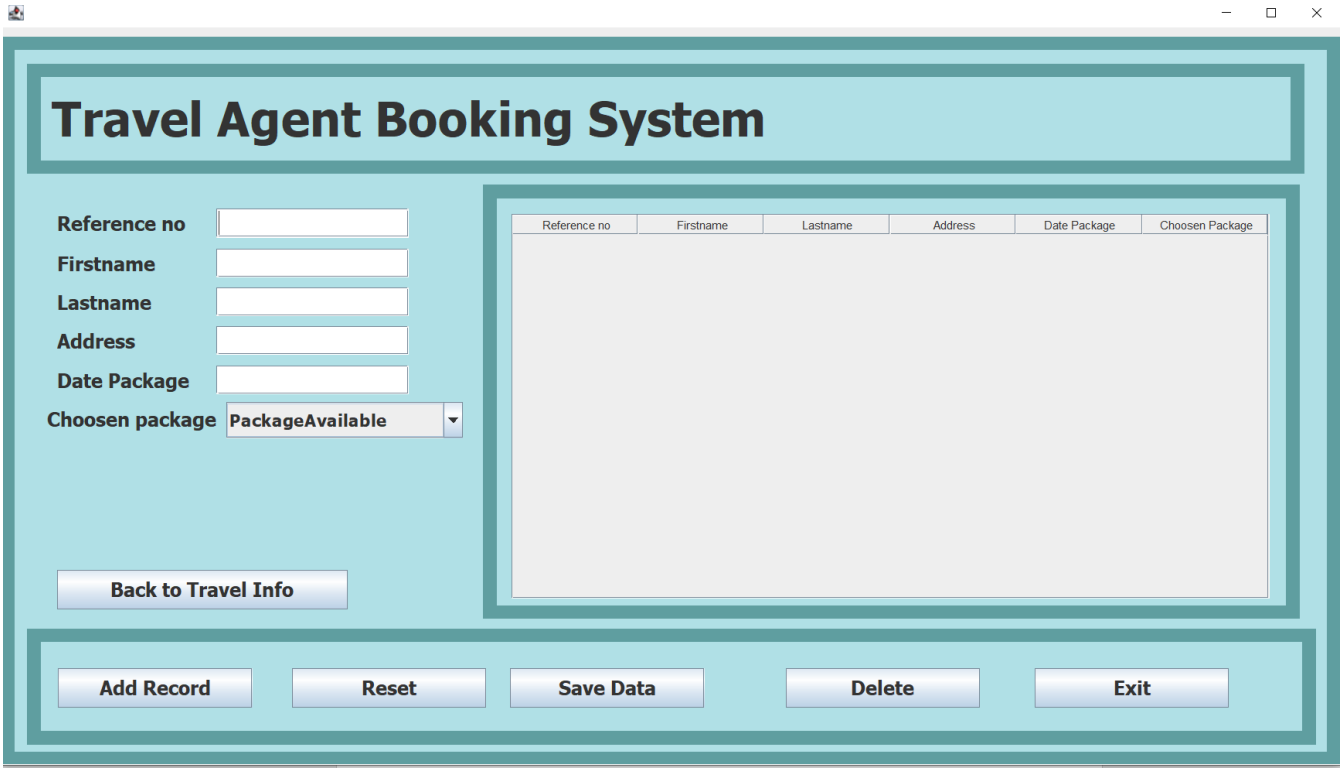


Figure above shows the interface of Travel Agent Customer Booking System

1. Reference No: reference number for person-in-charges to refer the data easily.

2. FirstName: user need to input first name.

3. LastName: user need to input last name.

4. Address: user need to input home address

5. Date Package: Users need to input when the prefer date to book

6. Chosen Package: user need to choose what package they want to pick.

7. Data table area: The area which shows the user input in a table.

Various of buttons option:

a. Add Record: It will add the input user key-in and into the data table.

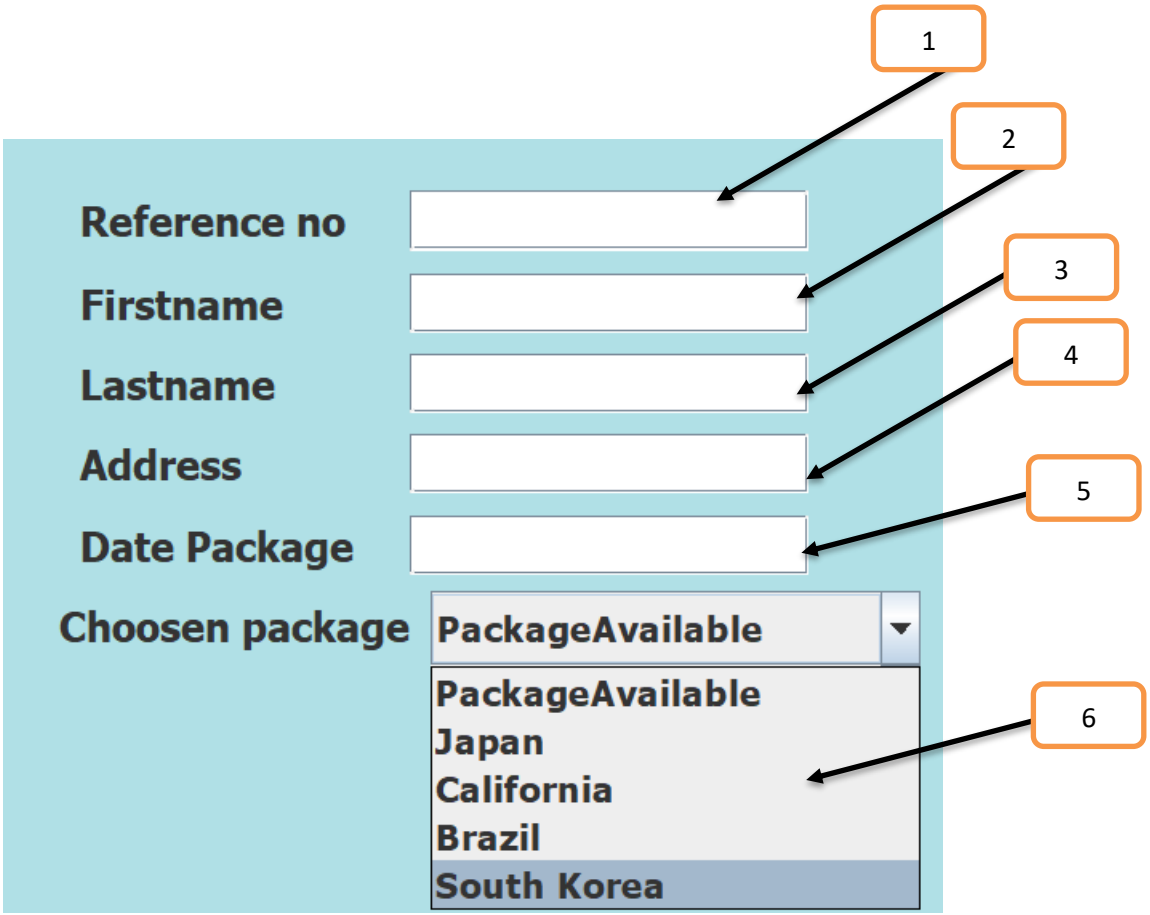
b. Reset: It will reset the user input.

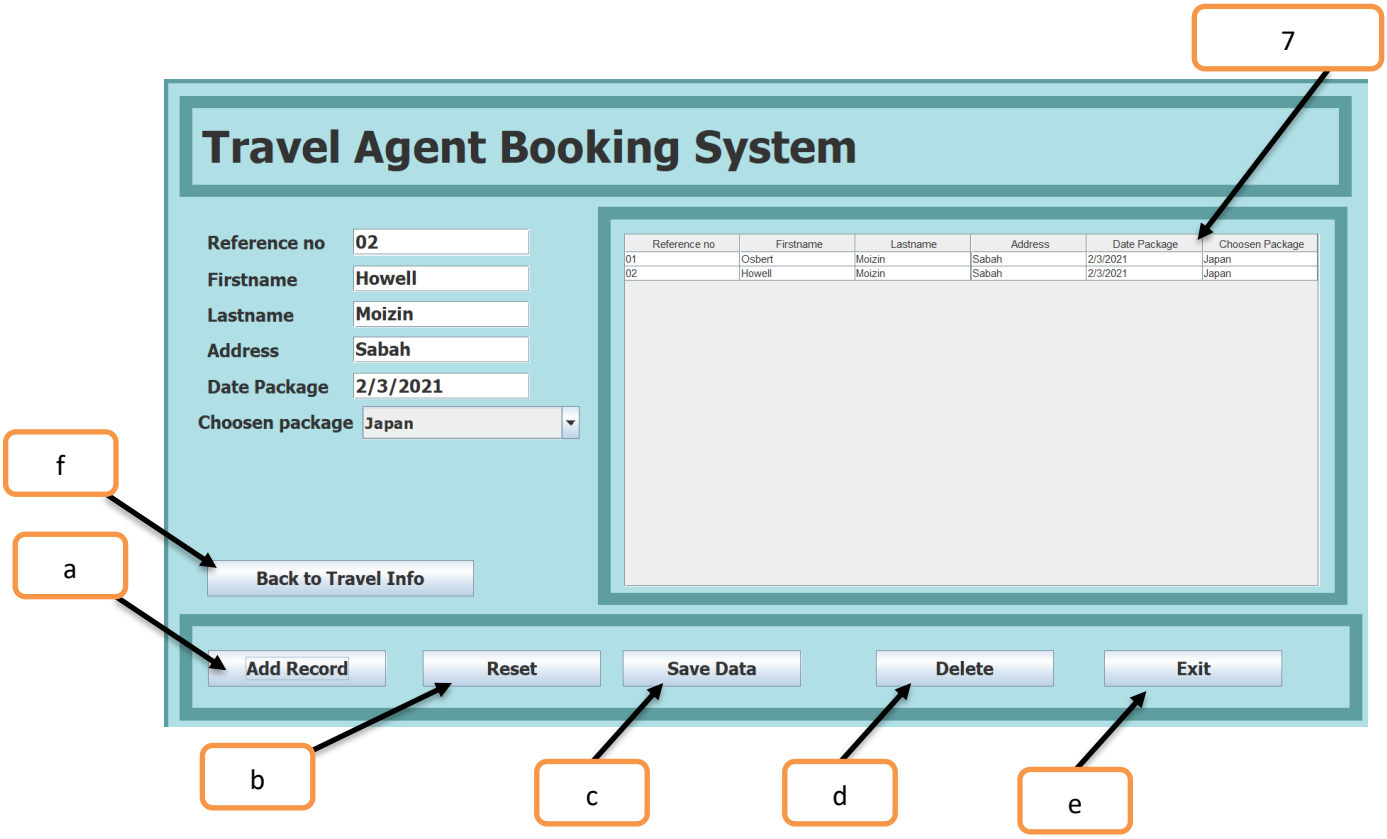
c. Save data: The program will save data in the data table to a text file.

d. Delete: Click the data row that you want to delete in the table then click the delete button. It will delete the row of data that user input after it is added in the table.

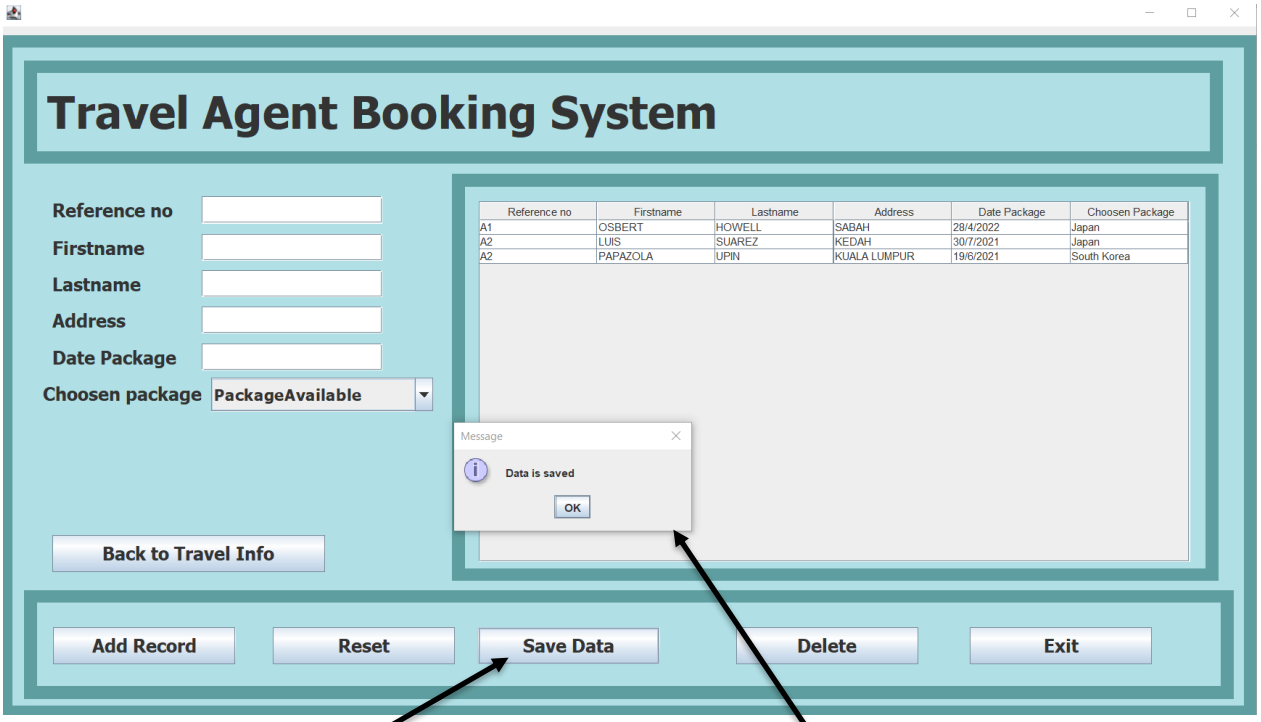
e. Exit: Exit button is for user who want to exit the interface

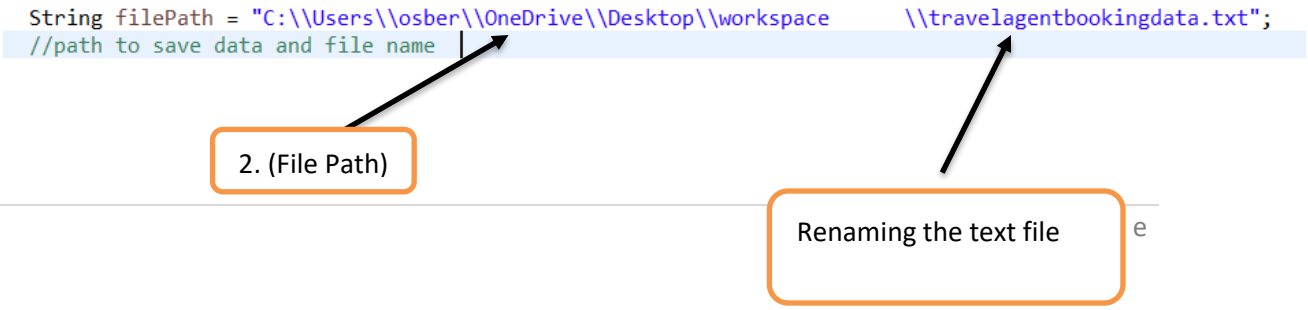
f. Back to Travel Info: User can go back to the interface which is Travel Agent Information

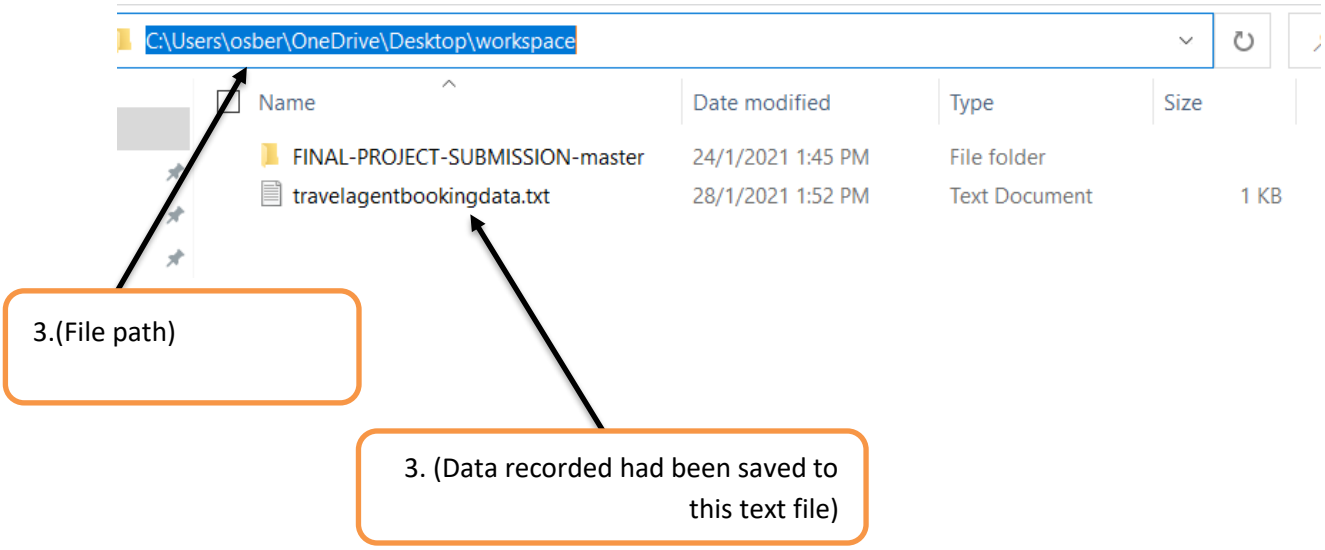

1
2
3
4
5
6
Reference no
Firstname
Lastname
Address
Date Package
Choosen package
PackageAvailable
PackageAvailable
Japan
California
Brazil
South Korea

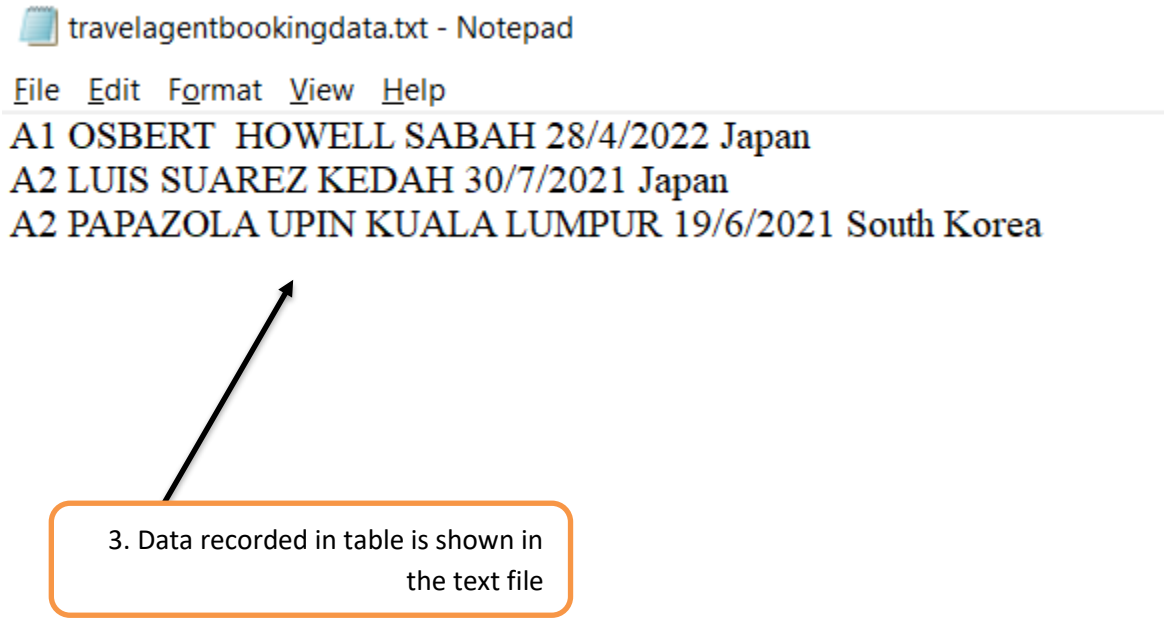

7
Travel Agent Booking System
Reference no
02
Firstname
Howell
Lastname
Moizin
Address
Sabah
Date Package
2/3/2021
Choosen package
Japan
Reference no
Firstname
Lastname
Address
Date Package
Choosen Package
01
Osbert
Moizin
Sabah
2/3/2021
Japan
02
Howell
Moizin
Sabah
2/3/2021
Japan
f
a
Back to Travel Info
Add Record
Reset
Save Data
Delete
Exit
b
c
d
e

1. Save data button: After customer key had add their personal data. Company can use the save data button to save the data that had been recorded in the table.
2. Company can rename the text file and change the file path to where the recorded data is needed to be save.
3. Company can go to the file path that there had set and click the data to show the record in the table that has been saved.






C:\Users\osber\OneDrive\Desktop\workspace
Name
Date modified
Type
Size
FINAL-PROJECT-SUBMISSION-master
24/1/2021 1:45 PM
File folder
travelagentbookingdata.txt
28/1/2021 1:52 PM
Text Document
1 KB
3.(File path)
3. (Data recorded had been saved to this text file)


travelagentbookingdata.txt - Notepad
File Edit Format View Help
A1 OSBERT HOWELL SABAH 28/4/2022 Japan
A2 LUIS SUAREZ KEDAH 30/7/2021 Japan
A2 PAPAZOLA UPIN KUALA LUMPUR 19/6/2021 South Korea
3. Data recorded in table is shown in the text file

4. Source Code

4.1 AgentInformation.java

```
package GUI;


import java.awt.BorderLayout;

import java.awt.EventQueue;


import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.border.MatteBorder;

import java.awt.Color;

import javax.swing.JLabel;

import javax.swing.JOptionPane;


import java.awt.Font;

import javax.swing.JButton;

import javax.swing.JTextField;

import javax.swing.JComboBox;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;
```

```
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ActionListener;
import java.io.BufferedWriter;
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;
import java.util.ArrayList;
import java.util.logging.Level;
import java.util.logging.Logger;
import java.awt.event.ActionEvent;
import javax.swing.JScrollPane;
import java.awt.SystemColor;
import javax.swing.JTextPane;
import javax.swing.ImageIcon;
import javax.swing.JTextArea;


public class AgentInformation extends JFrame {


	private JPanel contentPane;
	private JFrame frame;
```

```
private JTextField modeltxt;
private JTextArea box_answer;

/**
 * Launch the application.
 */
public static void main(String[] args) {

	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				AgentInformation frame = new AgentInformation();
				frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
```

```
 * Create the frame.
 */
public AgentInformation() {

	setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	setBounds(0, 0, 1400, 800);
	contentPane = new JPanel();
	contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
	setContentPane(contentPane);
	contentPane.setLayout(null);

	JPanel panel_1 = new JPanel();
	panel_1.setBounds(10, 10, 1386, 753);
	contentPane.add(panel_1);
	panel_1.setLayout(null);
	panel_1.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
	panel_1.setBackground(Color.LIGHT_GRAY);

	JPanel panel = new JPanel();
	panel.setBounds(27, 28, 1322, 114);
```

```
		panel_1.add(panel);
		panel.setBackground(SystemColor.info);
		panel.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
		panel.setLayout(null);

		JLabel lblNewLabel_4 = new JLabel("Travel Agent Information\r\n\r\n");
		lblNewLabel_4.setFont(new Font("Arial Rounded MT Bold", Font.BOLD, 50));
		lblNewLabel_4.setBounds(25, 25, 1035, 61);
		panel.add(lblNewLabel_4);

		JPanel panel_2_1 = new JPanel();
		panel_2_1.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
		panel_2_1.setBackground(new Color(176, 224, 230));
		panel_2_1.setBounds(22, 153, 1322, 577);
		panel_1.add(panel_2_1);
		panel_2_1.setLayout(null);

		JLabel lblNewLabel = new JLabel("");
		lblNewLabel.setIcon(new ImageIcon(AgentInformation.class.getResource("/img/1200px-Flag_of_Japan.svg.jpg")));
```

```
		lblNewLabel.setBounds(48, 62, 198, 140);
		panel_2_1.add(lblNewLabel);

		JLabel lblNewLabel_1 = new JLabel("");
		lblNewLabel_1.setIcon(new
ImageIcon(AgentInformation.class.getResource("/img/californiaflag__35097.1609933773.jpg"))
);
		lblNewLabel_1.setBounds(310, 62, 198, 140);
		panel_2_1.add(lblNewLabel_1);

		JLabel lblNewLabel_2 = new JLabel("");
		lblNewLabel_2.setIcon(new
ImageIcon(AgentInformation.class.getResource("/img/cina (1).jpg")));
		lblNewLabel_2.setBounds(557, 57, 299, 150);
		panel_2_1.add(lblNewLabel_2);

		JLabel lblNewLabel_3 = new JLabel("New label");
		lblNewLabel_3.setIcon(new
ImageIcon(AgentInformation.class.getResource("/img/brazil (1).jpg")));
		lblNewLabel_3.setBounds(841, 62, 198, 140);
		panel_2_1.add(lblNewLabel_3);
```

```
JLabel lblNewLabel_5 = new JLabel("New label");

lblNewLabel_5.setIcon(new
ImageIcon(AgentInformation.class.getResource("/img/Flag_of_South_Korea.jpg")));

lblNewLabel_5.setBounds(1091, 62, 198, 140);

panel_2_1.add(lblNewLabel_5);


JButton btnNewButton = new JButton("Japan\r\n");

btnNewButton.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent arg0) {


        String model;


        model=("You have Choosen: Japan Package");

        modeltxt.setText(model);



        box_answer.setText("JAPAN PROMOTION PACKAGE:" +
"\n\nAwesome place to visit"

                + "\n\nWeather temperature is
around 6 to 18°C."

                + "\n\nThe Season is cherry blossom
season"
```

```
                                                    + "\n\nA warm coat and a scarf are
still a must when venturing outside"
                                                    + "\n\nBooking date is Available on
March to June"
                                                    +"\n\nPrice is RM4500/pax");
                }
        });
        btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnNewButton.setBounds(79, 217, 136, 34);
        panel_2_1.add(btnNewButton);

        JButton btnCalifornia = new JButton("California\r\n");
        btnCalifornia.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnCalifornia.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {


                String model;


                model=("You have Choosen: California Package");
                modeltxt.setText(model);
```

```
                box_answer.setText("CALIFORNIA PROMOTION PACKAGE:"
        + "\n\nAwesome place to visit"
                + "\n\nWeather temperature is around 28 to 31°C."
                + "\n\nA thin inner clothes and sunblock are needed to avoid sunburn"
                + "\n\nBooking date is Available on June to September"
                +"\n\nPrice is RM3000/pax");
            }
        });
        btnCalifornia.setBounds(338, 217, 136, 34);
        panel_2_1.add(btnCalifornia);

        JButton btnChina = new JButton("China");
        btnChina.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnChina.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {

                JOptionPane.showMessageDialog(null, "Place is not available due to COVID-19");
            }
```

```
});
btnChina.setBounds(617, 217, 136, 34);
panel_2_1.add(btnChina);

JButton btnBrazil = new JButton("Brazil\r\n");
btnBrazil.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
	String model;

		model=("You have Choosen: Brazil Package");
		modeltxt.setText(model);

		box_answer.setText("BRAZIL PROMOTION PACKAGE:"
+ "\n\nAwesome place to visit"

+ "\n\nThe city's seductive samba beat and incredible panoramic views last year-round"

+ "\n\nDaytime temperatures can sometimes surpass temperature is around 32 to 37°C."

+ "\n\nA thin inner clothes and sunblock are needed to avoid sunburn"
```

```
                                                    + "\n\nBooking date is Available on
December to March"
                                                    +"\n\nPrice is RM3200/pax");


            }
        });
        btnBrazil.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnBrazil.setBounds(874, 214, 136, 34);
        panel_2_1.add(btnBrazil);

        JButton btnSouthKorea = new JButton("South Korea");
        btnSouthKorea.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnSouthKorea.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {

                String model;

                model=("You have Choosen: South Korea Package");
                modeltxt.setText(model);
```

```
box_answer.setText("SOUTH KOREA PROMOTION PACKAGE:"  + "\n\nAwesome place to visit"

+ "\n\nSpring is often seen as the best time of year to visit South Korea"

+ "\n\nWith average daily temperatures a pleasant 15 - 18°C"

+ "\n\nDuring this time the flowers are in bloom and green spaces are bathed in the delightful hues\nof the pink cherry blossom"

+ "\n\nBooking date is Available on April to June"

+"\n\nPrice is RM4200/pax");

        }

    });

    btnSouthKorea.setBounds(1119, 214, 153, 34);

    panel_2_1.add(btnSouthKorea);


    JButton btnNewButton_1 = new JButton("Click Here for Booking");

    btnNewButton_1.addActionListener(new ActionListener() {

        public void actionPerformed(ActionEvent arg0) {


            JOptionPane.showMessageDialog(contentPane,
```

"Now you will be redirected to booking registration. Thank you");

AgentBookingRegister next = new AgentBookingRegister();

next.setVisible(true);

}

});

btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 18));

btnNewButton_1.setBounds(894, 515, 395, 34);

panel_2_1.add(btnNewButton_1);

modeltxt = new JTextField();

modeltxt.setFont(new Font("Tahoma", Font.PLAIN, 13));

modeltxt.setEditable(false);

modeltxt.setColumns(10);

modeltxt.setBackground(Color.WHITE);

modeltxt.setBounds(53, 298, 314, 19);

panel_2_1.add(modeltxt);

box_answer = new JTextArea();

box_answer.setEditable(false);

```
                box_answer.setBounds(63, 327, 549, 228);
                panel_2_1.add(box_answer);


                JButton btnChina_1 = new JButton("Exit");
                btnChina_1.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent arg0) {
                                frame= new JFrame();
                                if (JOptionPane.showConfirmDialog(frame, "Confirm to exit")==
JOptionPane.YES_NO_OPTION) {
                                        System.exit(0);
                                }
                        }
                });
                btnChina_1.setFont(new Font("Tahoma", Font.BOLD, 18));
                btnChina_1.setBounds(720, 515, 136, 34);
                panel_2_1.add(btnChina_1);



        }
}
```

4.2 AgentBookingRegister.java

```
package GUI;


import java.awt.BorderLayout;

import java.awt.EventQueue;


import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.border.MatteBorder;

import java.awt.Color;

import javax.swing.JLabel;

import javax.swing.JOptionPane;


import java.awt.Font;

import javax.swing.JButton;

import javax.swing.JTextField;

import javax.swing.JComboBox;

import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;

import javax.swing.DefaultComboBoxModel;
```

```
import java.awt.event.ActionListener;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileWriter;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.ArrayList;

import java.util.logging.Level;

import java.util.logging.Logger;

import java.awt.event.ActionEvent;

import javax.swing.JScrollPane;

import java.awt.SystemColor;

import javax.swing.JTextPane;


public class AgentBookingRegister extends JFrame {


	private JPanel contentPane;

	private JFrame frame;

	private JTextField textField;

	private JTextField textFirstname;

	private JTextField textlastname;
```

```
	private JTextField textsalary;
	private JTextField textadds;
	private JTable table1;


	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {

		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					AgentBookingRegister frame = new AgentBookingRegister();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}
```

```
/**
 * Create the frame.
 */
public AgentBookingRegister() {

        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(0, 0, 1400, 800);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JPanel panel_1 = new JPanel();
        panel_1.setBounds(0, 10, 1386, 753);
        contentPane.add(panel_1);
        panel_1.setLayout(null);
        panel_1.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
        panel_1.setBackground(new Color(176, 224, 230));
```

```
JPanel panel = new JPanel();
panel.setBounds(27, 28, 1322, 114);
panel_1.add(panel);
panel.setBackground(new Color(176, 224, 230));
panel.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
panel.setLayout(null);

JLabel lblNewLabel_4 = new JLabel("Travel Agent Booking System\r\n");
lblNewLabel_4.setFont(new Font("Tahoma", Font.BOLD, 50));
lblNewLabel_4.setBounds(25, 25, 1035, 61);
panel.add(lblNewLabel_4);

JPanel panel_2 = new JPanel();
panel_2.setLayout(null);
panel_2.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(176, 224, 230)));
panel_2.setBackground(new Color(176, 224, 230));
panel_2.setBounds(27, 152, 467, 450);
panel_1.add(panel_2);

JLabel lblNewLabel = new JLabel("Reference no");
```

```
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel.setBounds(31, 26, 155, 30);
panel_2.add(lblNewLabel);

JLabel lblNewLabel_1 = new JLabel("Firstname");
lblNewLabel_1.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_1.setBounds(31, 67, 131, 30);
panel_2.add(lblNewLabel_1);

JLabel lblNewLabel_1_1 = new JLabel("Lastname");
lblNewLabel_1_1.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_1_1.setBounds(31, 107, 131, 30);
panel_2.add(lblNewLabel_1_1);

JLabel lblNewLabel_2 = new JLabel("Address");
lblNewLabel_2.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_2.setBounds(31, 147, 131, 30);
panel_2.add(lblNewLabel_2);

JLabel lblNewLabel_1_2 = new JLabel("Date Package");
lblNewLabel_1_2.setFont(new Font("Tahoma", Font.BOLD, 20));
```

```
lblNewLabel_1_2.setBounds(31, 188, 155, 30);
panel_2.add(lblNewLabel_1_2);

JLabel lblNewLabel_3 = new JLabel("Choosen package");
lblNewLabel_3.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel_3.setBounds(20, 228, 176, 30);
panel_2.add(lblNewLabel_3);

textField = new JTextField();
textField.setFont(new Font("Tahoma", Font.BOLD, 20));
textField.setBounds(196, 26, 199, 30);
panel_2.add(textField);
textField.setColumns(10);

textFirstname = new JTextField();
textFirstname.setFont(new Font("Tahoma", Font.BOLD, 20));
textFirstname.setColumns(10);
textFirstname.setBounds(196, 67, 199, 30);
panel_2.add(textFirstname);

textlastname = new JTextField();
```

```
textlastname.setFont(new Font("Tahoma", Font.BOLD, 20));
textlastname.setColumns(10);
textlastname.setBounds(196, 107, 199, 30);
panel_2.add(textlastname);

textsalary = new JTextField();
textsalary.setFont(new Font("Tahoma", Font.BOLD, 20));
textsalary.setColumns(10);
textsalary.setBounds(196, 147, 199, 30);
panel_2.add(textsalary);

textadds = new JTextField();
textadds.setFont(new Font("Tahoma", Font.BOLD, 20));
textadds.setColumns(10);
textadds.setBounds(196, 188, 199, 30);
panel_2.add(textadds);

JComboBox model1 = new JComboBox();

AgentPackageList lp = new AgentPackageList();
String[] pack = lp.pkg;
```

```
model1.setFont(new Font("Tahoma", Font.BOLD, 18));
model1.setModel(new DefaultComboBoxModel(pack));
model1.setBounds(206, 226, 245, 37);
panel_2.add(model1);

JButton btnBack = new JButton("Back to Travel Info\r\n\r\n");
btnBack.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent arg0) {

        JOptionPane.showMessageDialog(contentPane,
            "Now you will be redirected to Back to Travel Information. Thank you");

            AgentInformation next = new AgentInformation();
            next.setVisible(true);

    }
});
btnBack.setFont(new Font("Tahoma", Font.BOLD, 20));
btnBack.setBounds(31, 399, 301, 41);
```

```
panel_2.add(btnBack);


JPanel panel_3 = new JPanel();
panel_3.setLayout(null);
panel_3.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
panel_3.setBackground(new Color(176, 224, 230));
panel_3.setBounds(27, 612, 1334, 120);
panel_1.add(panel_3);


JButton btnNewButton = new JButton("Add Record");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {


DefaultTableModel model = (DefaultTableModel) table1.getModel();
model.addRow(new Object[]{


textField.getText(),
textFirstname.getText(),
textlastname.getText(),
textsalary.getText(),
```

```
                                        textadds.getText(),


                                        model1.getSelectedItem(),
                    });




                        if (table1.getSelectedRow() == -1){
                            if (table1.getRowCount() == 0){
                            JOptionPane.showMessageDialog(null, "Customer Information Update confirmed","Registered Successfully",
                                    JOptionPane.OK_OPTION);
                            }
                        }


                }
            });
            btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 20));
            btnNewButton.setBounds(32, 41, 201, 41);
            panel_3.add(btnNewButton);
```

```
JButton btnNewButton_1 = new JButton("Reset");
btnNewButton_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {

		textField.setText("");
		textFirstname.setText("");
		textlastname.setText("");
		textsalary.setText("");
		textadds.setText("");
		model1.setSelectedItem("PackageAvailable");

	}
});
btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 20));
btnNewButton_1.setBounds(274, 41, 201, 41);
panel_3.add(btnNewButton_1);

JButton btnNewButton_2 = new JButton("Delete");
btnNewButton_2.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
```

```
                    DefaultTableModel model = (DefaultTableModel)
table1.getModel();
                if(table1.getSelectedRow()==-1){
                   if(table1.getRowCount()==0){


                      JOptionPane.showMessageDialog(null, "No data to delete ",
                            "Booking System",JOptionPane.OK_OPTION);
                   }else{


                      JOptionPane.showMessageDialog(null, "Select a row to delete ",
                            "Booking System",JOptionPane.OK_OPTION);
                   }
                }else{
                   model.removeRow(table1.getSelectedRow());
                }




                   }
             });
             btnNewButton_2.setFont(new Font("Tahoma", Font.BOLD, 20));
```

```
btnNewButton_2.setBounds(785, 41, 201, 41);
panel_3.add(btnNewButton_2);

JButton btnNewButton_3 = new JButton("Exit");
btnNewButton_3.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {

		frame= new JFrame();
		if (JOptionPane.showConfirmDialog(frame, "Confirm to exit")==
JOptionPane.YES_NO_OPTION) {
			System.exit(0);
		}
	}
});
btnNewButton_3.setFont(new Font("Tahoma", Font.BOLD, 20));
btnNewButton_3.setBounds(1043, 41, 201, 41);
panel_3.add(btnNewButton_3);

JButton btnNewButton_1_1 = new JButton("Save Data");
btnNewButton_1_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
```

```
                JOptionPane.showMessageDialog(null, "Data is saved");
            }
        });
        btnNewButton_1_1.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {

                String filePath = "C:\\Users\\osber\\OneDrive\\Desktop\\workspace\\travelagentbookingdata.txt";
                File file = new File(filePath);
                try {
                    FileWriter fw = new FileWriter(file);
                    BufferedWriter bw = new BufferedWriter(fw);

                    for(int i = 0; i < table1.getRowCount(); i++){//rows
                        for(int j = 0; j < table1.getColumnCount(); j++){//columns
                            bw.write(table1.getValueAt(i, j).toString()+" ");
                        }
                        bw.newLine();

                    }
```

```
                    bw.close();
                    fw.close();

                } catch (IOException ex) {

Logger.getLogger(AgentBookingRegister.class.getName()).log(Level.SEVERE, null, ex);
                }

            }

        });
        btnNewButton_1_1.setFont(new Font("Tahoma", Font.BOLD, 20));
        btnNewButton_1_1.setBounds(500, 41, 201, 41);
        panel_3.add(btnNewButton_1_1);

        JPanel panel_2_1 = new JPanel();
        panel_2_1.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158,
160)));
        panel_2_1.setBackground(new Color(176, 224, 230));
        panel_2_1.setBounds(499, 153, 845, 449);
        panel_1.add(panel_2_1);
        panel_2_1.setLayout(null);
```

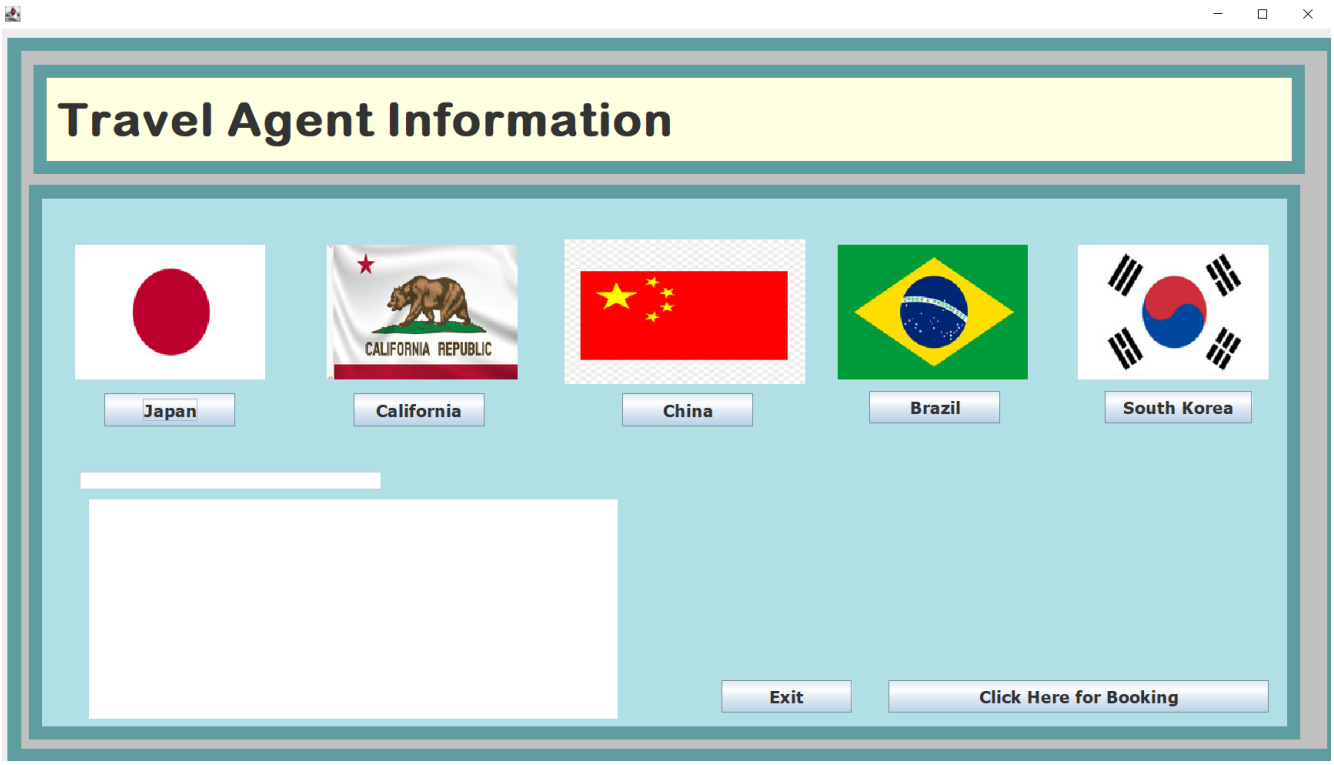
```
		JScrollPane scrollPane = new JScrollPane();
		scrollPane.setBounds(29, 30, 785, 398);
		panel_2_1.add(scrollPane);


		table1 = new JTable();
		table1.setModel(new DefaultTableModel(
			new Object[][] {
			},
			new String[] {
				"Reference no", "Firstname", "Lastname", "Address", "Date Package", "Choosen Package"
			}
		));
		scrollPane.setViewportView(table1);
	}
}
```

4.3 AgentPackageList.java

```
package GUI;

public class AgentPackageList {

	String [] pkg = new String[11];


	AgentPackageList() {

		this.pkg = new String [] {"PackageAvailable",
					"Japan",
					"California",
					"Brazil",
					"South Korea"
		};


	}

}
```

5. SAMPLE RUN

a) Home Interface



b) Register Booking Interface

REPORT (CRUISE CONSULTANT)

3. CRUISE CONSULTANT

i. Background of the project

Traveling is an extraordinary experience every person needs to try. It reveals a whole new and exciting world out there, opens out your inner strength, and presents with unforgettable adventures. This system is mainly for those who interested to get experience on cruise because this system is all about cruise where the user will get to know about cruises much in detail by the cruise assistance assists.

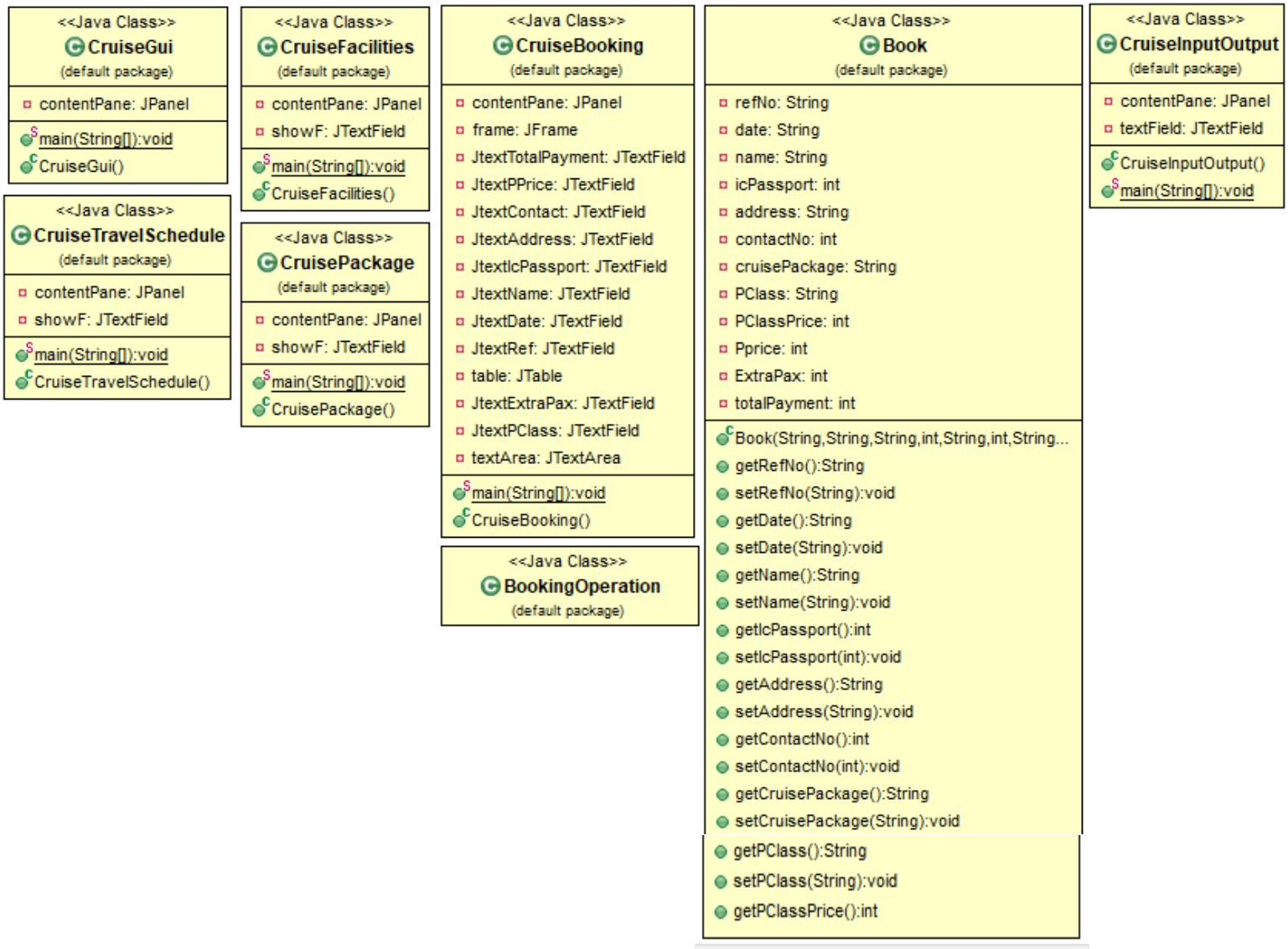
Some of the fascinating aspect of this system is it is very user friendly where the user easily get information about cruise and faster way to deal with booking Every data that user key in will be store with integrity and confidentiality.

This whole cruise consultant system has five modules, such as, travel schedule, cruise facilities, cruise package, booking and inquiries. In the travel schedule module, user will get to know cruise travel schedule by class. There are three classes which is first class, second class and third class. Each class has one respective cruise in operation.

Next is cruise facilities module. In this module, each facility will be shown by main 3 cruises in operation. The facilities description includes interior, exterior, and amenities of the each cruise. After that, cruise package module. In here, user will get to know what are the packages is being provided by our travel system. There are three packages, A. B and C respectively. Each package has its own different descriptions which divided as couple ticket, family ticket and single ticket as respectively.

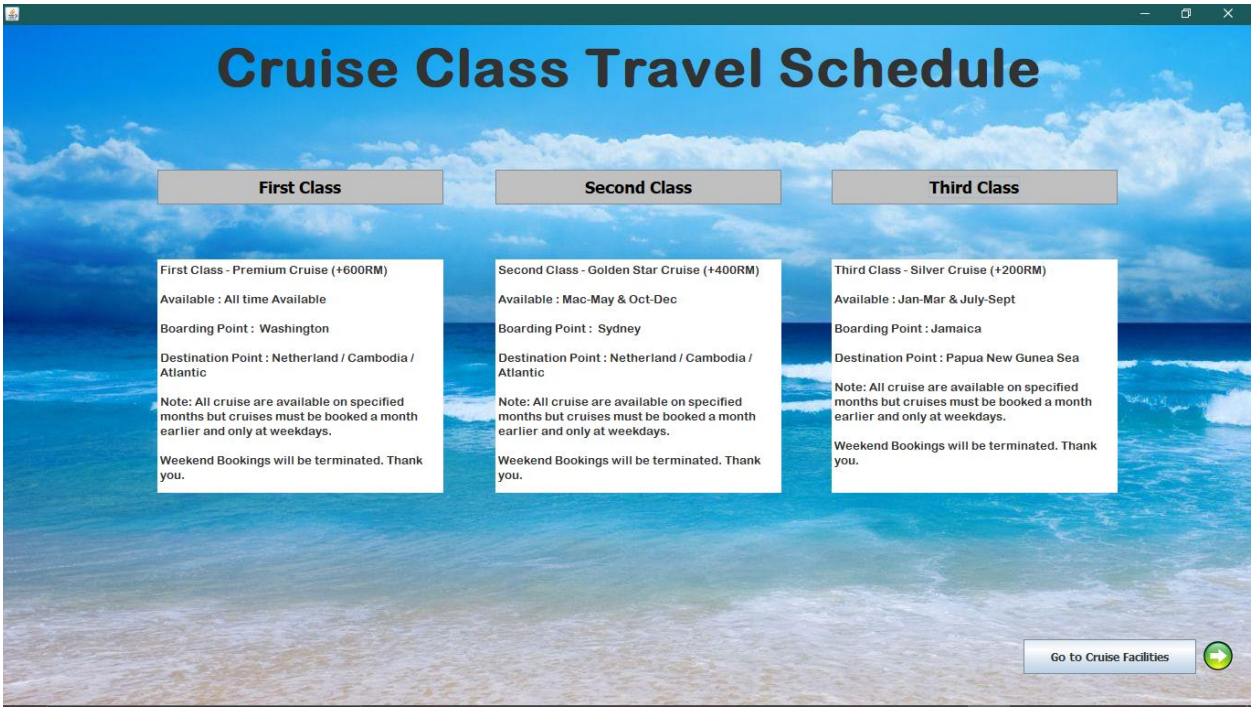
Now, cruise booking. Here, user will need to key in their information regarding cruise booking. There will be five buttons such as display, reset, delete, add record, print and exit to assists the user in key in information. After done the booking system, there will button provided to go inquiry section as well. In this inquiry section user can key in their inquiry regarding the module cruise consultant. In a nutshell, this cruise consultant system is very useful, informative and easy to handle.

ii. Unified Modeling Language Diagram



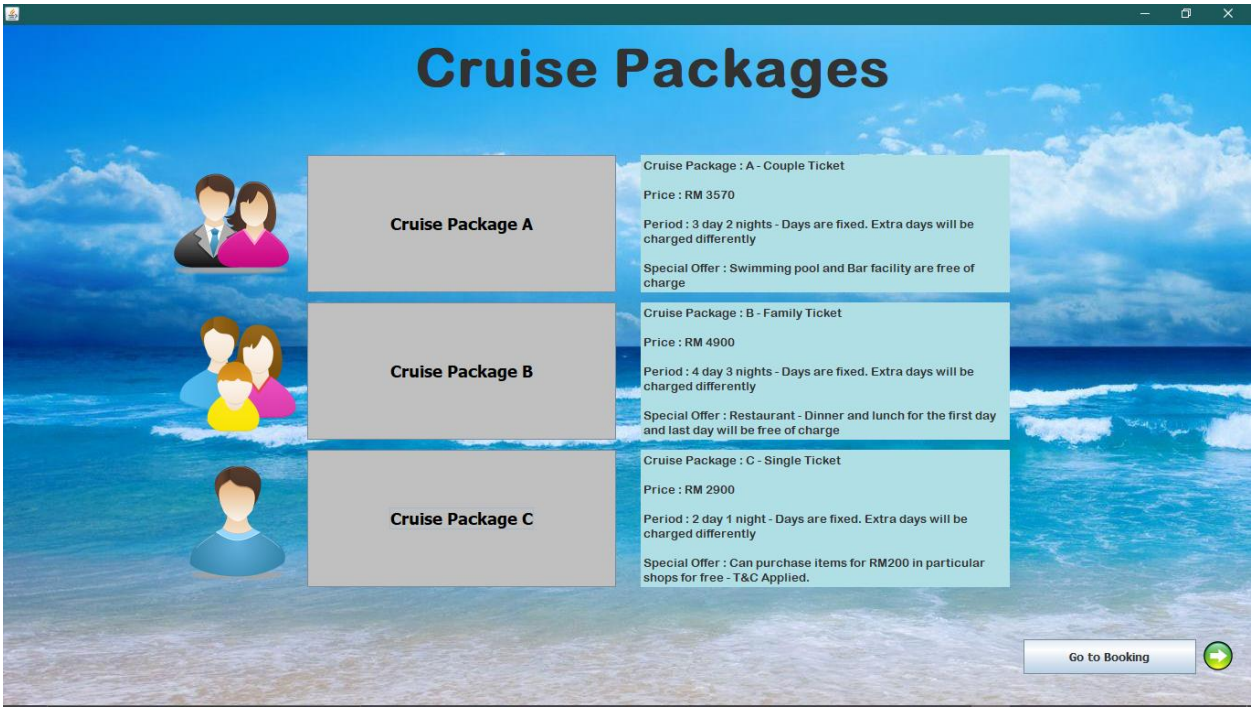
iii. Program Descriptions

1) This is the main interface of cruise consultant system. There are five buttons for each sub module under cruise consultant.
2) User need to click each button to go to the page respectively for more information on that particular sub module.

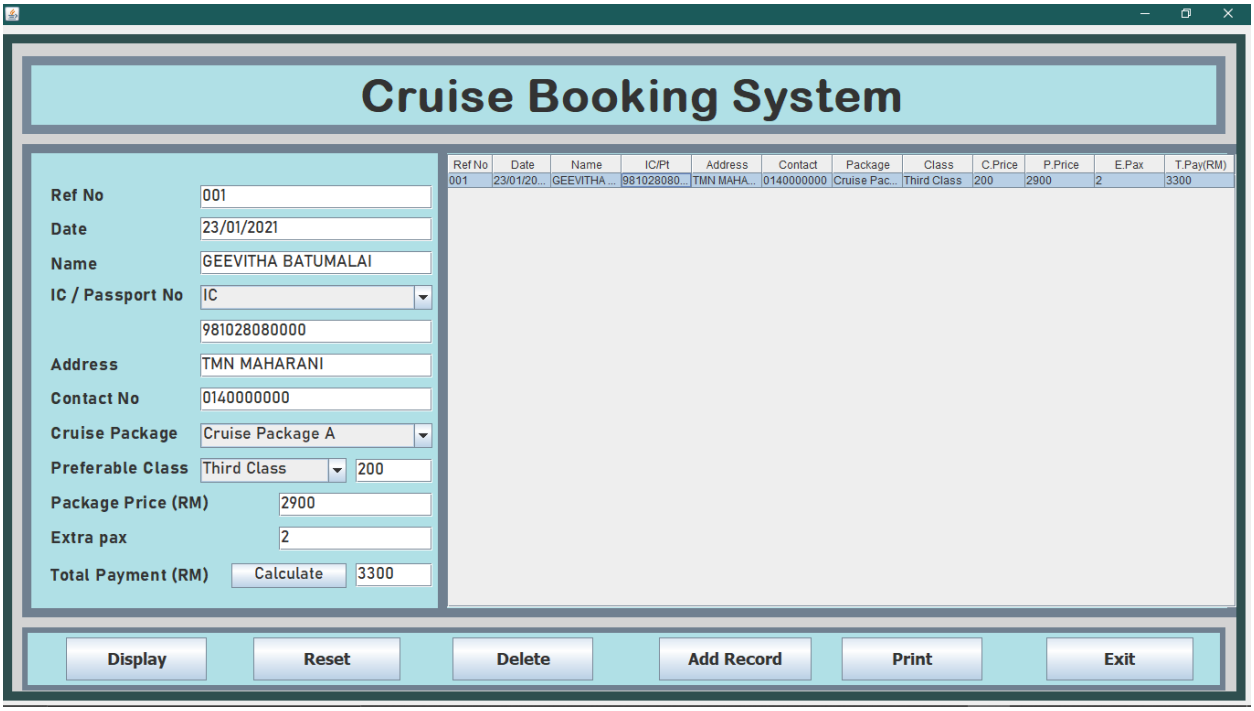


1) This is the travel schedule interface where the travel schedule display by class.
2) Three classes – First Class, Second Class & Third Class.
3) User need to click Go to Cruise Facilities Button so it will redirected to the Cruise Facilities Page.
4) When the user clicked the button it will prompt a friendly message that the page is redirecting so click Ok.

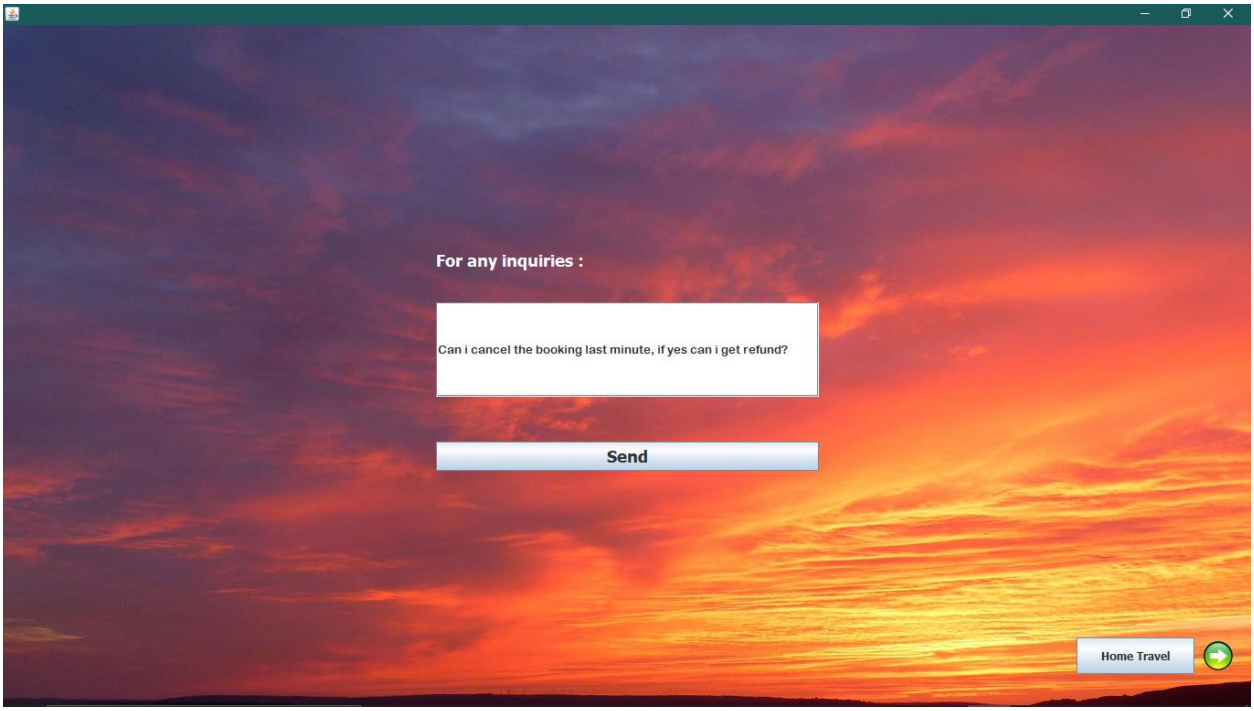
1) There are three buttons with name of the cruise – Premium Cruise, Golden Star Cruise, and Silver Cruise. Click each button to see its facilities and its description.
2) User need to click Go to Cruise Packages Button so it will redirected to the Cruise Packages Page.
3) When the user clicked the button it will prompt a friendly message that the page is redirecting so click Ok.



1) This is the Cruise Packages Interface. Three Packages Button are there which is A, B and C.
2) User need to click on the Packages Button to see the detail briefly.
3) User need to click Go to Booking Button so it will redirected to the Cruise Booking System Page.
4) When the user clicked the button it will prompt a friendly message that the page is redirecting so click Ok.



1) This is the Cruise Booking System Interface.
2) User need to key in the information on the text field given. And select one of the option in combo box given.
3) After key in the information, click the calculate button to see the total payment. The amount will be automatically display in the text field.
4) Click on the Display Button to display the information in the table.
5) Click Reset Button to reset the previous information to create new information.
6) Select any row in the table that user wish to delete, and click Delete Button. The row will be deleted.
7) Click Add Record Button to save the data by the system.
8) Click Print Button to print out the information.
9) Click Exit Button to go to next page, which is Inquiry, it will prompt a friendly message that the page is redirecting so click Ok.



1) This is the Inquiry Interface.
2) User need to key in the inquiries and click Send. So the data will be send and saved by the system.
3) User need to click Home Travel Button so it will redirected to the Home Travel Page.
4) When the user clicked the button it will prompt a friendly message that the page is redirecting so click Ok.

iv. Code

Cruise Gui

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.awt.Image;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Color;
import javax.swing.JLabel;
import java.awt.Font;

public class CruiseGui extends JFrame {

	private JPanel contentPane;

	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					CruiseGui frame = new CruiseGui();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
```

```
		});
	}
	public CruiseGui() {
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		setBounds(0, 0, 1400, 800);
		contentPane = new JPanel();
		contentPane.setBackground(new Color(176, 224, 230));
		contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
		setContentPane(contentPane);
		contentPane.setLayout(null);

		JButton btnNewButton = new JButton("CruiseBook");
		btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 18));
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				CruiseBooking thirdPage = new CruiseBooking();
				thirdPage.setVisible(true);
			}
		});
		btnNewButton.setBounds(447, 419, 192, 113);
		contentPane.add(btnNewButton);

		JButton btnNewButton_1 = new JButton("Travel Schedule");
		btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 18));
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				CruiseTravelSchedule fourthPage = new
CruiseTravelSchedule();
				fourthPage.setVisible(true);
			}
		});
```

```
btnNewButton_1.setBounds(322, 225, 192, 113);
contentPane.add(btnNewButton_1);

JButton btnNewButton_2 = new JButton("Cruise Package");
btnNewButton_2.setFont(new Font("Tahoma", Font.BOLD, 18));
btnNewButton_2.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		CruisePackage fifthPage = new CruisePackage();
		fifthPage.setVisible(true);
	}
});
btnNewButton_2.setBounds(870, 225, 192, 113);
contentPane.add(btnNewButton_2);

JButton btnNewButton_2_1 = new JButton("Cruise Facilities");
btnNewButton_2_1.setFont(new Font("Tahoma", Font.BOLD, 18));
btnNewButton_2_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		CruiseFacilities sixthPage = new CruiseFacilities();
		sixthPage.setVisible(true);
	}
});
btnNewButton_2_1.setBounds(598, 225, 192, 113);
contentPane.add(btnNewButton_2_1);

JButton btnNewButton_3 = new JButton("Inquiries");
btnNewButton_3.setFont(new Font("Tahoma", Font.BOLD, 18));
btnNewButton_3.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		CruiseInputOutput seventhPage = new
CruiseInputOutput();
```

```
                    seventhPage.setVisible(true);
                }
            });
            btnNewButton_3.setBounds(746, 419, 192, 113);
            contentPane.add(btnNewButton_3);

            JLabel lblNewLabel = new JLabel("Let the Cruise Consultant Help You
!");
            lblNewLabel.setForeground(new Color(255, 255, 255));
            lblNewLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD,
60));
            lblNewLabel.setBounds(131, 11, 1120, 86);
            contentPane.add(lblNewLabel);

            JLabel lblCruiseFront = new JLabel("");
            Image img0 = new
ImageIcon(this.getClass().getResource("/cruisefront2.jpg")).getImage();
            lblCruiseFront.setIcon(new ImageIcon(img0));
            lblCruiseFront.setBounds(0, 0, 1370, 749);
            contentPane.add(lblCruiseFront);
        }
}
```

Cruise Travel Schedule

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
```

```
import java.awt.Image;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.Color;
import javax.swing.border.TitledBorder;
import javax.swing.border.EtchedBorder;
import javax.swing.JList;
import javax.swing.JOptionPane;
import javax.swing.DefaultListModel;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JTextPane;
import javax.swing.JComboBox;
import javax.swing.JTextField;
import java.awt.Font;
import javax.swing.JSplitPane;
import javax.swing.JFormattedTextField;

public class CruiseTravelSchedule extends JFrame {

	private JPanel contentPane;
	private JTextField showF;

	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
```

```
                                        CruiseTravelSchedule frame = new
CruiseTravelSchedule();
                                        frame.setVisible(true);
                                } catch (Exception e) {
                                        e.printStackTrace();
                                }
                        }
                });
        }
        public CruiseTravelSchedule() {
                setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
                setBounds(0, 0, 1400, 800);
                contentPane = new JPanel();
                contentPane.setBackground(new Color(176, 224, 230));
                contentPane.setBorder(new TitledBorder(new
EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160,
160, 160)),
                "We are Here to Serve You. Your Best Travel Partner",
TitledBorder.CENTER, TitledBorder.TOP, null, new Color(0, 0, 255)));
                setContentPane(contentPane);
                contentPane.setLayout(null);

                JButton btnBooking = new JButton("Go to Cruise Facilities");
                btnBooking.setFont(new Font("Tahoma", Font.BOLD, 12));
                btnBooking.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                JOptionPane.showMessageDialog(contentPane,
                           "Now you will be redirected to Cruise Facilities Page. Thank
you");
                                CruiseFacilities fifthPage = new CruiseFacilities();
                                fifthPage.setVisible(true);
```

```
            }
        });
        btnBooking.setBounds(1117, 671, 189, 38);
        contentPane.add(btnBooking);

        JTextPane textPane = new JTextPane();
        textPane.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN, 13));
        textPane.setBackground(Color.WHITE);
        textPane.setBounds(907, 256, 313, 255);
        contentPane.add(textPane);

        JTextPane textPane_1 = new JTextPane();
        textPane_1.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
        textPane_1.setBackground(Color.WHITE);
        textPane_1.setBounds(539, 256, 313, 255);
        contentPane.add(textPane_1);

        JTextPane textPane_2 = new JTextPane();
        textPane_2.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
        textPane_2.setBackground(Color.WHITE);
        textPane_2.setBounds(169, 256, 313, 255);
        contentPane.add(textPane_2);

        JButton Thirdclass = new JButton("Third Class");
        Thirdclass.setFont(new Font("Tahoma", Font.BOLD, 18));
        Thirdclass.setBackground(Color.LIGHT_GRAY);
        Thirdclass.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent arg0) {
                textPane.setText("Third Class - Silver Cruise\r\n"
```

```
                                                + "\nAvailable : Jan-Mar & July-Sept\r\n"
                                                + "\nBoarding Point : Jamaica\r\n"
                                                + "\nDestination Point : Papua New Gunea
Sea\r\n"
                                                + "\nNote: All cruise are available on
specified months but cruises must be booked a month earlier and only at weekdays.\r\n"
                                        + "\nWeekend Bookings will be terminated. Thank
you.\r\n"
                                                );
                        }
                });
                Thirdclass.setForeground(Color.BLACK);
                Thirdclass.setBounds(907, 158, 313, 38);
                contentPane.add(Thirdclass);

                JButton Secondclass = new JButton("Second Class");
                Secondclass.setFont(new Font("Tahoma", Font.BOLD, 18));
                Secondclass.setBackground(Color.LIGHT_GRAY);
                Secondclass.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent arg0) {
                                textPane_1.setText("Second Class - Golden Star
Cruise\r\n"
                                                + "\nAvailable : Mac-May & Oct-Dec\r\n"
                                                + "\nBoarding Point :  Sydney\r\n"
                                                + "\nDestination Point : Netherland /
Cambodia / Atlantic\r\n"
                                                + "\nNote: All cruise are available on
specified months but cruises must be booked a month earlier and only at weekdays.\r\n"
                                        + "\nWeekend Bookings will be terminated. Thank
you.\r\n"
                                                );
```

```
		}
	});
	Secondclass.setForeground(Color.BLACK);
	Secondclass.setBounds(539, 158, 313, 38);
	contentPane.add(Secondclass);

	JButton firstclass = new JButton("First Class");
	firstclass.setFont(new Font("Tahoma", Font.BOLD, 18));
	firstclass.setBackground(Color.LIGHT_GRAY);
	firstclass.addActionListener(new ActionListener() {
		public void actionPerformed(ActionEvent arg0) {
			textPane_2.setText("First Class - Premium Cruise\r\n"
					+ "\nAvailable : All time Available\r\n"
					+ "\nBoarding Point :  Washington\r\n"
					+ "\nDestination Point : Netherland / Cambodia / Atlantic\r\n"
					+ "\nNote: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.\r\n"
				+ "\nWeekend Bookings will be terminated. Thank you.\r\n"
					);
		}
	});
	firstclass.setForeground(Color.BLACK);
	firstclass.setBounds(169, 158, 313, 38);
	contentPane.add(firstclass);

	JLabel lblNewLabel = new JLabel("Cruise Class Travel Schedule");
	lblNewLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD, 60));
	lblNewLabel.setBounds(233, 11, 935, 70);
```

```
                contentPane.add(lblNewLabel);

                JLabel lblNewLabel_5 = new JLabel("");
                Image img5 = new
ImageIcon(this.getClass().getResource("/iconNext.png")).getImage();
                lblNewLabel_5.setIcon(new ImageIcon(img5));
                lblNewLabel_5.setBounds(1314, 669, 56, 40);
                contentPane.add(lblNewLabel_5);

                JLabel lblNewLabel_1 = new JLabel("");
                Image img0 = new
ImageIcon(this.getClass().getResource("/cruisefront4.jpg")).getImage();
                lblNewLabel_1.setIcon(new ImageIcon(img0));
                lblNewLabel_1.setBounds(0, 0, 1370, 749);
                contentPane.add(lblNewLabel_1);
        }
}
```

Cruise Facilities

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.awt.Image;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.Color;
import javax.swing.border.TitledBorder;
import javax.swing.border.EtchedBorder;
import javax.swing.JList;
import javax.swing.JOptionPane;
```

```
import javax.swing.DefaultListModel;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JTextPane;
import javax.swing.JComboBox;
import javax.swing.JTextField;
import java.awt.Font;
import javax.swing.JSplitPane;
import javax.swing.JFormattedTextField;

public class CruiseFacilities extends JFrame {

	private JPanel contentPane;
	private JTextField showF;

	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					CruiseFacilities frame = new CruiseFacilities();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	public CruiseFacilities() {
```

```
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		setBounds(0, 0, 1386, 788);
		contentPane = new JPanel();
		contentPane.setBackground(new Color(176, 224, 230));
		contentPane.setBorder(new TitledBorder(new
EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255),
		new Color(160, 160, 160)), "We are Here to Serve You. Your Best Travel
Partner", TitledBorder.CENTER,
	TitledBorder.TOP, null, new Color(0, 0, 255)));
		setContentPane(contentPane);
		contentPane.setLayout(null);

		JButton btnBooking = new JButton("Go to Cruise Packages");
		btnBooking.setFont(new Font("Tahoma", Font.BOLD, 12));
		btnBooking.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				JOptionPane.showMessageDialog(contentPane,
			  "Now you will be redirected to Cruise Packages Page. Thank
you");
				CruisePackage seventhPage = new CruisePackage();
				seventhPage.setVisible(true);
			}
		});
		btnBooking.setBounds(1117, 671, 189, 38);
		contentPane.add(btnBooking);

		JLabel lblNewLabel_2 = new JLabel("New label");
		Image img1 = new
ImageIcon(this.getClass().getResource("/c3.jpg")).getImage();
		lblNewLabel_2.setIcon(new ImageIcon(img1));
		lblNewLabel_2.setBounds(430, 477, 384, 175);
```

```
        contentPane.add(lblNewLabel_2);

        JLabel lblNewLabel_3 = new JLabel("New label");
        Image img2 = new
ImageIcon(this.getClass().getResource("/c2.jpg")).getImage();
        lblNewLabel_3.setIcon(new ImageIcon(img2));
        lblNewLabel_3.setBounds(430, 278, 384, 188);
        contentPane.add(lblNewLabel_3);

        JLabel lblNewLabel_4 = new JLabel("New label");
        Image img3 = new
ImageIcon(this.getClass().getResource("/c1.jpg")).getImage();
        lblNewLabel_4.setIcon(new ImageIcon(img3));
        lblNewLabel_4.setBounds(430, 92, 384, 175);
        contentPane.add(lblNewLabel_4);

        JTextPane textPane = new JTextPane();
        textPane.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN, 13));
        textPane.setBackground(Color.WHITE);
        textPane.setBounds(821, 477, 404, 175);
        contentPane.add(textPane);

        JTextPane textPane_1 = new JTextPane();
        textPane_1.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
        textPane_1.setBackground(Color.WHITE);
        textPane_1.setBounds(821, 278, 404, 188);
        contentPane.add(textPane_1);

        JTextPane textPane_2 = new JTextPane();
```

```
		textPane_2.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
		textPane_2.setBackground(Color.WHITE);
		textPane_2.setBounds(821, 92, 404, 175);
		contentPane.add(textPane_2);

		JButton Thirdclass = new JButton("Silver Cruise");
		Thirdclass.setFont(new Font("Tahoma", Font.BOLD, 18));
		Thirdclass.setBackground(Color.LIGHT_GRAY);
		Thirdclass.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent arg0) {
				textPane.setText(" Cruise - Silver Cruise\r\n"
					+ "\nInner Facility : Bar with swimming
pool\r\n"
					+ "\nExterior Point :  Rest\r\n"
					+ "\nAmmenities : Condusive and five star
hospitality\r\n"
					+ "\nNote: All cruise are available on
specified months but cruises must be booked a month earlier and only at weekdays.\r\n"
					);
			}
		});
		Thirdclass.setForeground(Color.BLACK);
		Thirdclass.setBounds(159, 477, 267, 175);
		contentPane.add(Thirdclass);

		JButton Secondclass = new JButton("Golden Star Cruise");
		Secondclass.setFont(new Font("Tahoma", Font.BOLD, 18));
		Secondclass.setBackground(Color.LIGHT_GRAY);
		Secondclass.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent arg0) {
```

```
                        textPane_1.setText("Cruise - Golden Star Cruise\r\n"
                                + "\nInner Facility : Room Theatre\r\n"
                                + "\nExterior Point :  Elegant Theme with
golden view sunrise and sunset\r\n"
                                + "\nAmmenities : Condusive and four star
hospitality\r\n"
                                + "\nNote: All cruise are available on
specified months but cruises must be booked a month earlier and only at weekdays.\r\n"

                                );
                }
        });
        Secondclass.setForeground(Color.BLACK);
        Secondclass.setBounds(159, 278, 267, 188);
        contentPane.add(Secondclass);

        JButton firstclass = new JButton("Premium Cruise");
        firstclass.setFont(new Font("Tahoma", Font.BOLD, 18));
        firstclass.setBackground(Color.LIGHT_GRAY);
        firstclass.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent arg0) {
                        textPane_2.setText("Cruise - Premium Cruise\r\n"
                                + "\nInner Facility : Shopping Mall\r\n"
                                + "\nExterior Point :  Sky Garden\r\n"
                                + "\nAmmenities : Condusive and five star
hospitality\r\n"
                                + "\nNote: All cruise are available on
specified months but cruises must be booked a month earlier and only at weekdays.\r\n"

                                );
                }
```

```
                });
                firstclass.setForeground(Color.BLACK);
                firstclass.setBounds(159, 92, 267, 175);
                contentPane.add(firstclass);

                JLabel lblNewLabel = new JLabel("Cruise Facilities");
                lblNewLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD,
60));
                lblNewLabel.setBounds(451, 11, 528, 70);
                contentPane.add(lblNewLabel);

                JLabel lblNewLabel_5 = new JLabel("");
                Image img5 = new
ImageIcon(this.getClass().getResource("/iconNext.png")).getImage();
                lblNewLabel_5.setIcon(new ImageIcon(img5));
                lblNewLabel_5.setBounds(1314, 669, 56, 40);
                contentPane.add(lblNewLabel_5);

                JLabel lblNewLabel_1 = new JLabel("");
                Image img0 = new
ImageIcon(this.getClass().getResource("/cruisefront4.jpg")).getImage();
                lblNewLabel_1.setIcon(new ImageIcon(img0));
                lblNewLabel_1.setBounds(0, 0, 1400, 800);
                contentPane.add(lblNewLabel_1);
        }
}
```

Cruise Packages

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
```

```
import java.awt.Image;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.Color;
import javax.swing.border.TitledBorder;
import javax.swing.border.EtchedBorder;
import javax.swing.JList;
import javax.swing.JOptionPane;
import javax.swing.DefaultListModel;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JTextPane;
import javax.swing.JComboBox;
import javax.swing.JTextField;
import java.awt.Font;
import javax.swing.JSplitPane;
import javax.swing.JFormattedTextField;

public class CruisePackage extends JFrame {

	private JPanel contentPane;
	private JTextField showF;

	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					CruisePackage frame = new CruisePackage();
```

```
                    frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    public CruisePackage() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(0, 0, 1400, 800);
        contentPane = new JPanel();
        contentPane.setBackground(new Color(176, 224, 230));
        contentPane.setBorder(new TitledBorder(new
EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160,
160, 160)), "We are Here to Serve You. Your Best Travel Partner",
TitledBorder.CENTER, TitledBorder.TOP, null, new Color(0, 0, 255)));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JButton btnBooking = new JButton("Go to Booking");
        btnBooking.setFont(new Font("Tahoma", Font.BOLD, 12));
        btnBooking.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                JOptionPane.showMessageDialog(contentPane,
                  "Now you will be redirected to Cruise CruiseBook Page. Thank
you");
                CruiseBooking sixthPage = new CruiseBooking();
                sixthPage.setVisible(true);
            }
        });
```

```
        btnBooking.setBounds(1117, 671, 189, 38);
        contentPane.add(btnBooking);

        JLabel lblNewLabel_3 = new JLabel("");
        Image img2 = new
ImageIcon(this.getClass().getResource("/coupleIcon.png")).getImage();
        lblNewLabel_3.setIcon(new ImageIcon(img2));
        lblNewLabel_3.setBounds(186, 155, 143, 125);
        contentPane.add(lblNewLabel_3);

        JLabel lblNewLabel_2 = new JLabel("");
        Image img1 = new
ImageIcon(this.getClass().getResource("/familyIcon.png")).getImage();
        lblNewLabel_2.setIcon(new ImageIcon(img1));
        lblNewLabel_2.setBounds(193, 313, 136, 136);
        contentPane.add(lblNewLabel_2);

        JLabel lblNewLabel_4 = new JLabel("");
        Image img3 = new
ImageIcon(this.getClass().getResource("/personIcon.png")).getImage();
        lblNewLabel_4.setIcon(new ImageIcon(img3));
        lblNewLabel_4.setBounds(193, 482, 143, 125);
        contentPane.add(lblNewLabel_4);

        JTextPane textPane = new JTextPane();
        textPane.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN, 13));
        textPane.setBackground(new Color(176, 224, 230));
        textPane.setBounds(698, 142, 404, 150);
        contentPane.add(textPane);
```

```
		JTextPane textPane_1 = new JTextPane();
		textPane_1.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
		textPane_1.setBackground(new Color(176, 224, 230));
		textPane_1.setBounds(698, 303, 404, 150);
		contentPane.add(textPane_1);

		JTextPane textPane_2 = new JTextPane();
		textPane_2.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN,
13));
		textPane_2.setBackground(new Color(176, 224, 230));
		textPane_2.setBounds(698, 464, 404, 150);
		contentPane.add(textPane_2);

		JButton PackageAButton = new JButton("Cruise Package A");
		PackageAButton.setFont(new Font("Tahoma", Font.BOLD, 18));
		PackageAButton.setBackground(Color.LIGHT_GRAY);
		PackageAButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent arg0) {
				textPane.setText("Cruise Package : A - Couple Ticket\r\n"
						+ "\nPrice : RM 3570\r\n"
						+ "\nPeriod : 3 day 2 nights - Days are fixed.
Extra days will be charged differently\r\n"
						+ "\nSpecial Offer : Swimming pool and Bar
facility are free of charge\r\n"
						);
			}
		});
		PackageAButton.setForeground(Color.BLACK);
		PackageAButton.setBounds(333, 142, 338, 150);
		contentPane.add(PackageAButton);
```

```
		JButton PackageBButton = new JButton("Cruise Package B");
		PackageBButton.setFont(new Font("Tahoma", Font.BOLD, 18));
		PackageBButton.setBackground(Color.LIGHT_GRAY);
		PackageBButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent arg0) {
				textPane_1.setText("Cruise Package : B - Family
Ticket\r\n"
						+ "\nPrice : RM 4900\r\n"
						+ "\nPeriod : 4 day 3 nights - Days are fixed.
Extra days will be charged differently\r\n"
						+ "\nSpecial Offer : Restaurant - Dinner and
lunch for the first day and last day will be free of charge\r\n"
						);
			}
		});
		PackageBButton.setForeground(Color.BLACK);
		PackageBButton.setBounds(333, 303, 338, 150);
		contentPane.add(PackageBButton);


		JButton PackageCButton = new JButton("Cruise Package C");
		PackageCButton.setFont(new Font("Tahoma", Font.BOLD, 18));
		PackageCButton.setBackground(Color.LIGHT_GRAY);
		PackageCButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent arg0) {
				textPane_2.setText("Cruise Package : C - Single
Ticket\r\n"
						+ "\nPrice : RM 2900\r\n"
						+ "\nPeriod : 2 day 1 night - Days are fixed.
Extra days will be charged differently\r\n"
```

```
                                                + "\nSpecial Offer : Can purchase items for
RM200 in particular shops for free - T&C Applied.\r\n"
                                                );
                        }
                });
                PackageCButton.setForeground(Color.BLACK);
                PackageCButton.setBounds(333, 464, 338, 150);
                contentPane.add(PackageCButton);

                JLabel lblNewLabel = new JLabel("Cruise Packages");
                lblNewLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD,
60));
                lblNewLabel.setBounds(451, 11, 528, 70);
                contentPane.add(lblNewLabel);

                JLabel lblNewLabel_5 = new JLabel("");
                Image img5 = new
ImageIcon(this.getClass().getResource("/iconNext.png")).getImage();
                lblNewLabel_5.setIcon(new ImageIcon(img5));
                lblNewLabel_5.setBounds(1314, 669, 56, 40);
                contentPane.add(lblNewLabel_5);

                JLabel lblNewLabel_1 = new JLabel("");
                Image img0 = new
ImageIcon(this.getClass().getResource("/cruisefront4.jpg")).getImage();
                lblNewLabel_1.setIcon(new ImageIcon(img0));
                lblNewLabel_1.setBounds(0, 0, 1400, 800);
                contentPane.add(lblNewLabel_1);

        }
}
```

Cruise Booking

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.border.MatteBorder;
import java.awt.Color;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JComboBox;
import javax.swing.JFileChooser;
import javax.swing.JButton;
import javax.swing.JScrollBar;
import javax.swing.JScrollPane;
import javax.swing.JTable;
import javax.swing.table.DefaultTableModel;
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ActionListener;
import java.io.BufferedReader;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
import java.io.IOException;
import java.util.logging.Level;
import java.util.logging.Logger;
import java.awt.event.ActionEvent;
import javax.swing.JTextArea;
```

```
public class CruiseBooking extends JFrame {

	private JPanel contentPane;
	private JTextField JtextTotalPayment;
	private JTextField JtextPPrice;
	private JTextField JtextContact;
	private JTextField JtextAddress;
	private JTextField JtextIcPassport;
	private JTextField JtextName;
	private JTextField JtextDate;
	private JTextField JtextRef;
	private JTable table;
	private JTextField JtextExtraPax;
	private JTextField JtextPClass;

	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					CruiseBooking frame = new CruiseBooking();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	public CruiseBooking() {
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
```

```
        setBounds(0, 0, 1400, 800);
        contentPane = new JPanel();
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JPanel panel = new JPanel();
        panel.setBackground(new Color(211, 211, 211));
        panel.setBorder(new MatteBorder(10, 10, 10, 10, (Color) new Color(47,
79, 79)));
        panel.setBounds(0, 10, 1360, 728);
        contentPane.add(panel);
        panel.setLayout(null);

        JPanel title_1 = new JPanel();
        title_1.setBounds(21, 24, 1317, 85);
        panel.add(title_1);
        title_1.setLayout(null);
        title_1.setBorder(new MatteBorder(10, 10, 10, 10, (Color) new Color(119,
136, 153)));
        title_1.setBackground(new Color(176, 224, 230));

        JLabel titleLabel = new JLabel("Cruise Booking System");
        titleLabel.setFont(new Font("Arial Rounded MT Bold", Font.BOLD, 50));
        titleLabel.setBounds(370, 11, 626, 63);
        title_1.add(titleLabel);

        JPanel panel_1_1 = new JPanel();
        panel_1_1.setLayout(null);
        panel_1_1.setBorder(new MatteBorder(10, 10, 10, 10, (Color) new
Color(112, 128, 144)));
        panel_1_1.setBackground(new Color(176, 224, 230));
```

```
panel_1_1.setBounds(21, 120, 465, 517);
panel.add(panel_1_1);

JLabel lblRef = new JLabel("Ref No");
lblRef.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblRef.setBounds(31, 45, 140, 27);
panel_1_1.add(lblRef);

JLabel lblDate = new JLabel("Date");
lblDate.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblDate.setBounds(31, 82, 140, 27);
panel_1_1.add(lblDate);

JtextTotalPayment = new JTextField();
JtextTotalPayment.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextTotalPayment.setBounds(365, 458, 84, 26);
panel_1_1.add(JtextTotalPayment);
JtextTotalPayment.setColumns(10);

JtextPPrice = new JTextField();
JtextPPrice.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextPPrice.setColumns(10);
JtextPPrice.setBounds(281, 381, 168, 26);
panel_1_1.add(JtextPPrice);

JtextContact = new JTextField();
JtextContact.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextContact.setColumns(10);
JtextContact.setBounds(195, 266, 254, 26);
panel_1_1.add(JtextContact);
```

```
JtextAddress = new JTextField();
JtextAddress.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextAddress.setColumns(10);
JtextAddress.setBounds(195, 229, 254, 26);
panel_1_1.add(JtextAddress);

JtextIcPassport = new JTextField();
JtextIcPassport.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextIcPassport.setColumns(10);
JtextIcPassport.setBounds(195, 192, 254, 26);
panel_1_1.add(JtextIcPassport);

JtextName = new JTextField();
JtextName.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextName.setColumns(10);
JtextName.setBounds(195, 117, 254, 26);
panel_1_1.add(JtextName);

JtextDate = new JTextField();
JtextDate.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextDate.setColumns(10);
JtextDate.setBounds(195, 80, 254, 26);
panel_1_1.add(JtextDate);

JtextRef = new JTextField();
JtextRef.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextRef.setColumns(10);
JtextRef.setBounds(195, 45, 254, 26);
panel_1_1.add(JtextRef);

JLabel lblName = new JLabel("Name");
```

```
lblName.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblName.setBounds(31, 120, 154, 27);
panel_1_1.add(lblName);

JLabel lblPassport = new JLabel("IC / Passport No");
lblPassport.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblPassport.setBounds(31, 154, 154, 27);
panel_1_1.add(lblPassport);

JLabel lblAddress = new JLabel("Address");
lblAddress.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblAddress.setBounds(31, 230, 140, 27);
panel_1_1.add(lblAddress);

JLabel lblContactNo = new JLabel("Contact No");
lblContactNo.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblContactNo.setBounds(31, 267, 140, 27);
panel_1_1.add(lblContactNo);

JLabel lblCruisePackage = new JLabel("Cruise Package");
lblCruisePackage.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblCruisePackage.setBounds(31, 305, 140, 27);
panel_1_1.add(lblCruisePackage);

JLabel lblPClass = new JLabel("Preferable Class");
lblPClass.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblPClass.setBounds(31, 343, 170, 27);
panel_1_1.add(lblPClass);

JLabel lblPPrice = new JLabel("Package Price (RM)");
lblPPrice.setFont(new Font("Bahnschrift", Font.BOLD, 19));
```

```
		lblPPrice.setBounds(31, 381, 240, 27);
		panel_1_1.add(lblPPrice);

		JLabel lblTotalPayment = new JLabel("Total Payment (RM)");
		lblTotalPayment.setFont(new Font("Bahnschrift", Font.BOLD, 19));
		lblTotalPayment.setBounds(31, 460, 240, 27);
		panel_1_1.add(lblTotalPayment);

		JComboBox cmbCruisePackage = new JComboBox();
		cmbCruisePackage.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
		cmbCruisePackage.setModel(new DefaultComboBoxModel(new String[]
{"Make a Selection", "Cruise Package A", "Cruise Package B", "Cruise Package C"}));
		cmbCruisePackage.setBounds(195, 305, 254, 27);
		panel_1_1.add(cmbCruisePackage);

		JComboBox cmbIcPassport = new JComboBox();
		cmbIcPassport.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
		cmbIcPassport.setModel(new DefaultComboBoxModel(new String[]
{"Make a Selection", "IC ", "Passport"}));
		cmbIcPassport.setBounds(195, 154, 254, 27);
		panel_1_1.add(cmbIcPassport);

		JComboBox cmbPClass = new JComboBox();
		cmbPClass.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
		cmbPClass.setModel(new DefaultComboBoxModel(new String[]
{"Select", "First Class", "Second Class", "Third Class"}));
		cmbPClass.setBounds(195, 343, 160, 27);
		panel_1_1.add(cmbPClass);

		JtextExtraPax = new JTextField();
		JtextExtraPax.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
```

```
JtextExtraPax.setColumns(10);
JtextExtraPax.setBounds(281, 418, 168, 26);
panel_1_1.add(JtextExtraPax);

JLabel lblExtraPax = new JLabel("Extra pax");
lblExtraPax.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblExtraPax.setBounds(31, 419, 240, 27);
panel_1_1.add(lblExtraPax);

JButton btnCalculate = new JButton("Calculate");
btnCalculate.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {

		int pprice = Integer.parseInt(JtextPPrice.getText());
		int pClassPrice = Integer.parseInt(JtextPClass.getText());
		int extraPax = Integer.parseInt(JtextExtraPax.getText());
		int totalPayment =  (extraPax * pClassPrice) + pprice;
		JtextTotalPayment.setText(String.valueOf(totalPayment));
	}
});
btnCalculate.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
btnCalculate.setBounds(229, 458, 126, 27);
panel_1_1.add(btnCalculate);

JtextPClass = new JTextField();
JtextPClass.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextPClass.setColumns(10);
JtextPClass.setBounds(365, 344, 84, 26);
panel_1_1.add(JtextPClass);

JPanel panel_1_2 = new JPanel();
```

```
panel_1_2.setLayout(null);
panel_1_2.setBorder(new MatteBorder(6, 6, 6, 6, (Color) new Color(112,
128, 144)));
panel_1_2.setBackground(new Color(176, 224, 230));
panel_1_2.setBounds(21, 648, 1317, 69);
panel.add(panel_1_2);

JButton btnNewButton = new JButton("Add Record");
btnNewButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                CruiseBook booking;
                CruiseBookingOperation bookingOperation = new
CruiseBookingOperation();
                String refNo = JtextRef.getText();
                String date = JtextDate.getText();
                String name = JtextName.getText();
                int icPassport = Integer.parseInt(JtextIcPassport.getText());
                String address = JtextAddress.getText();
                int contactNo = Integer.parseInt(JtextContact.getText());
                String cruisePackage = (String)
cmbCruisePackage.getSelectedItem();
                String pClass = (String) cmbPClass.getSelectedItem();
                int pClassPrice = Integer.parseInt(JtextPClass.getText());
                int pprice = Integer.parseInt(JtextPPrice.getText());
                int extraPax = Integer.parseInt(JtextExtraPax.getText());
                int totalPayment =  extraPax * pClassPrice + pprice;

                booking = new CruiseBook( refNo,  date,  name,
icPassport,  address,  contactNo,
```

```
                                        cruisePackage, pClass, pClassPrice,
pprice, extraPax, totalPayment);
                        try {
                                bookingOperation.addRecord(booking);
                        } catch (IOException e1) {
                                // TODO Auto-generated catch block
                                e1.printStackTrace();
                        }
                }
        });
        btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 18));
        btnNewButton.setBounds(697, 11, 167, 47);
        panel_1_2.add(btnNewButton);

        JButton btnNewButton_1 = new JButton("Reset");
        btnNewButton_1.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                        JtextRef.setText("");
                        JtextDate.setText("");
                        JtextName.setText("");
                        cmbIcPassport.setSelectedItem("Make a Selection");
                        JtextIcPassport.setText("");
                        JtextAddress.setText("");
                        JtextContact.setText("");
                        cmbCruisePackage.setSelectedItem("Make a Selection");
                        cmbPClass.setSelectedItem("Select");
                        JtextPClass.setText("");
                        JtextPPrice.setText("");
                        JtextExtraPax.setText("");
                        JtextTotalPayment.setText("");
                }
```

```
		});
		btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 18));
		btnNewButton_1.setBounds(253, 11, 161, 47);
		panel_1_2.add(btnNewButton_1);

		JButton btnDisplay = new JButton("Display");
		btnDisplay.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {

				DefaultTableModel model = (DefaultTableModel)
table.getModel();
				model.addRow(new Object[]{
						JtextRef.getText(),
						JtextDate.getText(),
						JtextName.getText(),
						//cmbIcPassport.getSelectedItem(),
						JtextIcPassport.getText(),
						JtextAddress.getText(),
						JtextContact.getText(),
						cmbCruisePackage.getSelectedItem(),
						cmbPClass.getSelectedItem(),
						JtextPClass.getText(),
						JtextPPrice.getText(),
						JtextExtraPax.getText(),
						JtextTotalPayment.getText()
		});

			if (table.getSelectedRow() == -1){
				if (table.getRowCount() == 0){
					JOptionPane.showMessageDialog(null, "Data
Recorded is Confirmed", "Cruise Booking System",
```

```
                        JOptionPane.OK_OPTION);
                        }
                    }
                }
                });
                btnDisplay.setFont(new Font("Tahoma", Font.BOLD, 18));
                btnDisplay.setBounds(48, 11, 154, 47);
                panel_1_2.add(btnDisplay);

                JButton btnNewButton_3 = new JButton("Print");
                btnNewButton_3.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent arg0) {
                        try {
                            table.print();
                        }
                        catch (java.awt.print.PrinterException e) {
                            System.err.format("No Printer found",
e.getMessage());
                        }
                    }
                });
                btnNewButton_3.setFont(new Font("Tahoma", Font.BOLD, 18));
                btnNewButton_3.setBounds(897, 11, 154, 47);
                panel_1_2.add(btnNewButton_3);

                JButton btnNewButton_4 = new JButton("Exit");
                btnNewButton_4.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent e) {

                        JOptionPane.showMessageDialog(contentPane,
```

```
                                        "Now you will be redirected to Cruise Inquiry
Section. Thank you");

                                            CruiseInputOutput seventhPage = new
CruiseInputOutput();
                                            seventhPage.setVisible(true);
                        }
                });
                btnNewButton_4.setFont(new Font("Tahoma", Font.BOLD, 18));
                btnNewButton_4.setBounds(1121, 11, 161, 47);
                panel_1_2.add(btnNewButton_4);

                JButton btnDelete = new JButton("Delete");
                btnDelete.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent e) {
                                DefaultTableModel model = (DefaultTableModel)
table.getModel();
                                if (table.getSelectedRow() == -1){
                                        if (table.getRowCount() == 0){
                                                JOptionPane.showMessageDialog(null, "No
data to delete", "Cruise Booking System", JOptionPane.OK_OPTION);

                                        }else {

                                                JOptionPane.showMessageDialog(null,
"Select a row to delete", "Cruise Booking System", JOptionPane.OK_OPTION);
                                        }

                                }else {
                                        model.removeRow(table.getSelectedRow());
                                }
```

```
                }
            });
            btnDelete.setFont(new Font("Tahoma", Font.BOLD, 18));
            btnDelete.setBounds(471, 11, 154, 47);
            panel_1_2.add(btnDelete);

            JPanel panel_1_1_1 = new JPanel();
            panel_1_1_1.setBounds(476, 120, 874, 517);
            panel.add(panel_1_1_1);
            panel_1_1_1.setBorder(new MatteBorder(10, 10, 10, 10, (Color) new
Color(112, 128, 144)));
            panel_1_1_1.setBackground(new Color(176, 224, 230));
            panel_1_1_1.setLayout(null);

            JScrollPane scrollPane = new JScrollPane();
            scrollPane.setBounds(10, 11, 864, 495);
            panel_1_1_1.add(scrollPane);

            table = new JTable();
            table.setModel(new DefaultTableModel(
                    new Object[][] {
                    },
                    new String[] {
                            "Ref No", "Date", "Name", "IC/Pt", "Address", "Contact",
"Package", "Class", "C.Price", "P.Price", "E.Pax ", "T.Pay(RM)"
                    }
            ));
            table.getColumnModel().getColumn(0).setPreferredWidth(47);
            table.getColumnModel().getColumn(1).setPreferredWidth(62);
            table.getColumnModel().getColumn(8).setPreferredWidth(55);
            scrollPane.setViewportView(table);
```

```
	}
}
```

Cruise Book

```
public class CruiseBook {

	private String refNo;
	private String date;
	private String name;
	private int icPassport;
	private String address;
	private int contactNo;
	private String cruisePackage;
	private String PClass;
	private int PClassPrice;
	private int Pprice;
	private int ExtraPax;
	private int totalPayment;

	public CruiseBook(String refNo, String date, String name, int icPassport, String address, int contactNo,
			String cruisePackage, String pClass, int pClassPrice, int pprice, int extraPax, int totalPayment) {
		super();
		this.refNo = refNo;
		this.date = date;
		this.name = name;
```

```
        this.icPassport = icPassport;
        this.address = address;
        this.contactNo = contactNo;
        this.cruisePackage = cruisePackage;
        PClass = pClass;
        PClassPrice = pClassPrice;
        Pprice = pprice;
        ExtraPax = extraPax;
        this.totalPayment = totalPayment;
}

public String getRefNo() {
        return refNo;
}
public void setRefNo(String refNo) {
        this.refNo = refNo;
}
public String getDate() {
        return date;
}
public void setDate(String date) {
        this.date = date;
}
public String getName() {
        return name;
}
public void setName(String name) {
        this.name = name;
}
public int getIcPassport() {
        return icPassport;
```

```
}
public void setIcPassport(int icPassport) {
	this.icPassport = icPassport;
}
public String getAddress() {
	return address;
}
public void setAddress(String address) {
	this.address = address;
}
public int getContactNo() {
	return contactNo;
}
public void setContactNo(int contactNo) {
	this.contactNo = contactNo;
}
public String getCruisePackage() {
	return cruisePackage;
}
public void setCruisePackage(String cruisePackage) {
	this.cruisePackage = cruisePackage;
}
public String getPClass() {
	return PClass;
}
public void setPClass(String pClass) {
	PClass = pClass;
}
public int getPClassPrice() {
	return PClassPrice;
}
```

```
	public void setPClassPrice(int pClassPrice) {
		PClassPrice = pClassPrice;
	}
	public int getPprice() {
		return Pprice;
	}
	public void setPprice(int pprice) {
		Pprice = pprice;
	}
	public int getExtraPax() {
		return ExtraPax;
	}
	public void setExtraPax(int extraPax) {
		ExtraPax = extraPax;
	}
	public int getTotalPayment() {
		return totalPayment;
	}
	public void setTotalPayment(int totalPayment) {
		this.totalPayment = totalPayment;
	}

}
```

Cruise Book Operation

```
import java.io.BufferedReader;
import java.io.File;
import java.io.FileNotFoundException;
import java.io.FileReader;
```

```
import java.io.FileWriter;
import java.io.IOException;
import java.io.PrintWriter;
import java.util.ArrayList;

public class CruiseBookingOperation {

        //Add record - the data will be saved in bookingDetail.txt
         public void addRecord(CruiseBook booking) throws IOException

         {
                File fileName = new File ("bookingDetail.txt");
                FileWriter fw = new FileWriter(fileName);
                PrintWriter pw = new PrintWriter(fw);

                pw.println(booking.getRefNo());
                pw.println(booking.getDate());
                pw.println(booking.getName());
                pw.println(booking.getIcPassport());
                pw.println(booking.getAddress());
                pw.println(booking.getContactNo());
                pw.println(booking.getCruisePackage());
                pw.println(booking.getPClass());
                pw.println(booking.getPClassPrice());
                pw.println(booking.getPprice());
                pw.println(booking.getExtraPax());
                pw.println(booking.getTotalPayment());

                pw.close();
                fw.close();
         }
```

```
}
```

Cruise Input Output

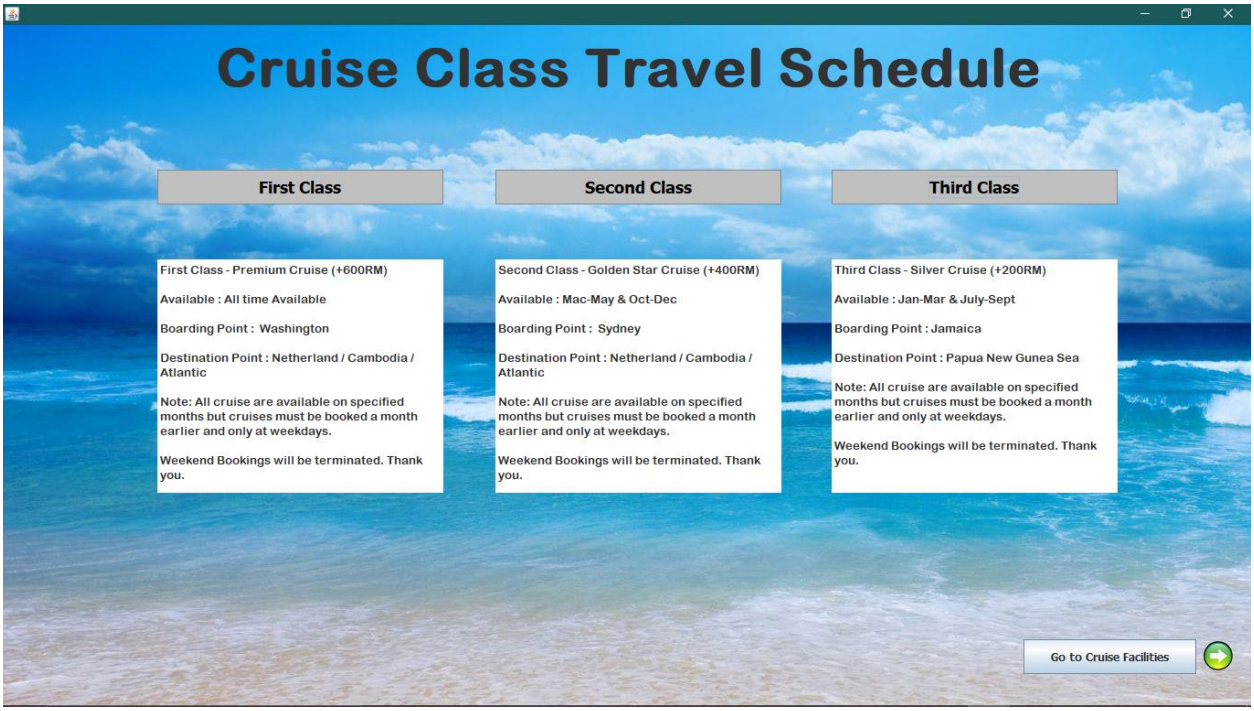
```
import java.awt.BorderLayout;
import java.io.*;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JTextField;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Font;
import java.awt.Image;
import java.awt.Color;

public class CruiseInputOutput extends JFrame {

	private JPanel contentPane;
	private JTextField textField;

	public CruiseInputOutput() {
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		setBounds(0, 0, 1400, 800);
		contentPane = new JPanel();
		contentPane.setBackground(new Color(176, 224, 230));
```

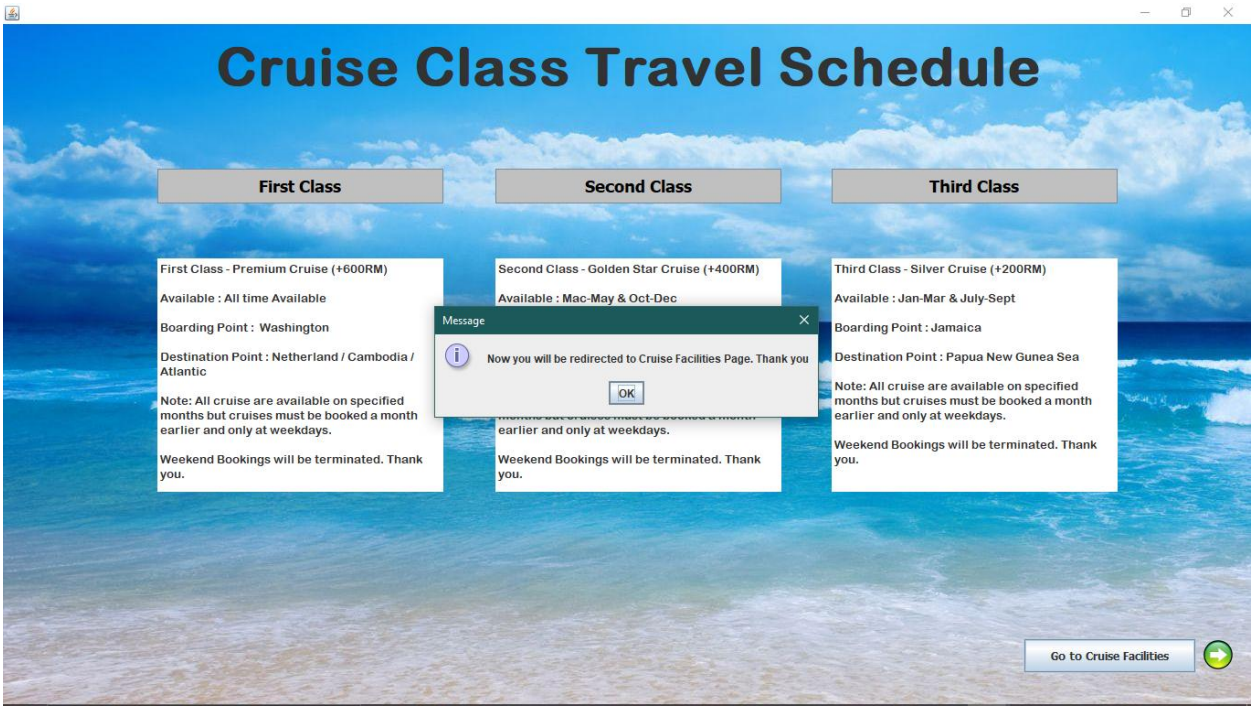
```
contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
setContentPane(contentPane);
contentPane.setLayout(null);

JLabel lblNewLabel = new JLabel("For any inquiries :");
lblNewLabel.setForeground(new Color(255, 255, 255));
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 18));
lblNewLabel.setBounds(474, 241, 183, 32);
contentPane.add(lblNewLabel);

textField = new JTextField();
textField.setFont(new Font("Arial Rounded MT Bold", Font.PLAIN, 13));
textField.setBounds(474, 303, 419, 103);
contentPane.add(textField);
textField.setColumns(10);

JButton btnNewButton = new JButton("Send");
btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 18));
btnNewButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
                try {
                        String word = textField.getText();
                        FileWriter stream = new
FileWriter("C:\\Users\\acer\\Documents\\file.txt");
BufferedWriter out = new BufferedWriter (stream);
                        out.write(word);
                        out.close();
                } catch (Exception ex) {}
        }
});
btnNewButton.setBounds(474, 455, 419, 32);
```

```
		contentPane.add(btnNewButton);

		JLabel lblNewLabel_5 = new JLabel("");
		Image img5 = new
	ImageIcon(this.getClass().getResource("/iconNext.png")).getImage();
		lblNewLabel_5.setIcon(new ImageIcon(img5));
		lblNewLabel_5.setBounds(1314, 669, 56, 40);
		contentPane.add(lblNewLabel_5);

		JButton btnNewButton_1 = new JButton("Home Travel");
		btnNewButton_1.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				TravelGuiMain frame = new TravelGuiMain();
				frame.setVisible(true);
			}
		});

		btnNewButton_1.setFont(new Font("Tahoma", Font.BOLD, 12));
		btnNewButton_1.setBounds(1175, 669, 129, 40);
		contentPane.add(btnNewButton_1);

		JLabel lblNewLabel_1 = new JLabel("");
Image img0 = new ImageIcon(this.getClass().getResource("/cruisefront3.jpg")).getImage();
		lblNewLabel_1.setIcon(new ImageIcon(img0));
		lblNewLabel_1.setBounds(0, 0, 1370, 749);
		contentPane.add(lblNewLabel_1);
	}
		public static void main(String[] args) {
			EventQueue.invokeLater(new Runnable() {
				public void run() {
```

```
                                        try {
            CruiseInputOutput gui = new CruiseInputOutput();
                                                gui.setVisible(true);
                                        } catch (Exception e) {
                                                e.printStackTrace();
                                        }
                                }
                        });
                }
        }
```

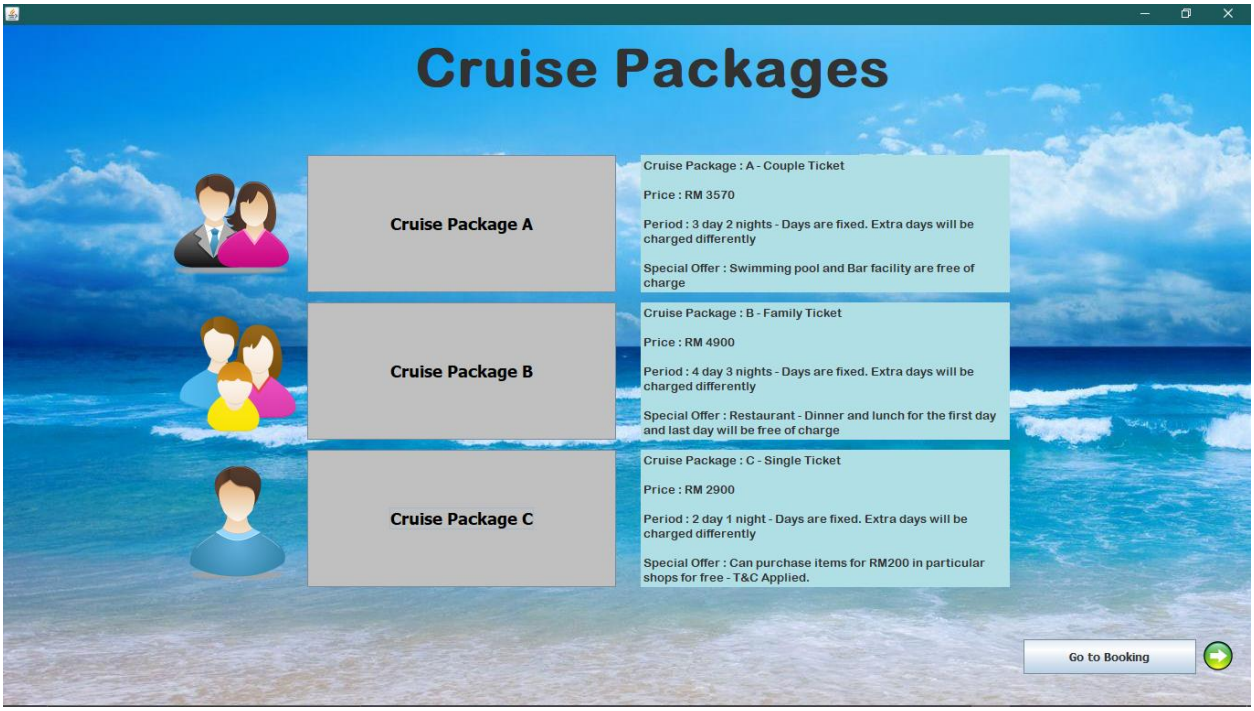
v. Sample Run

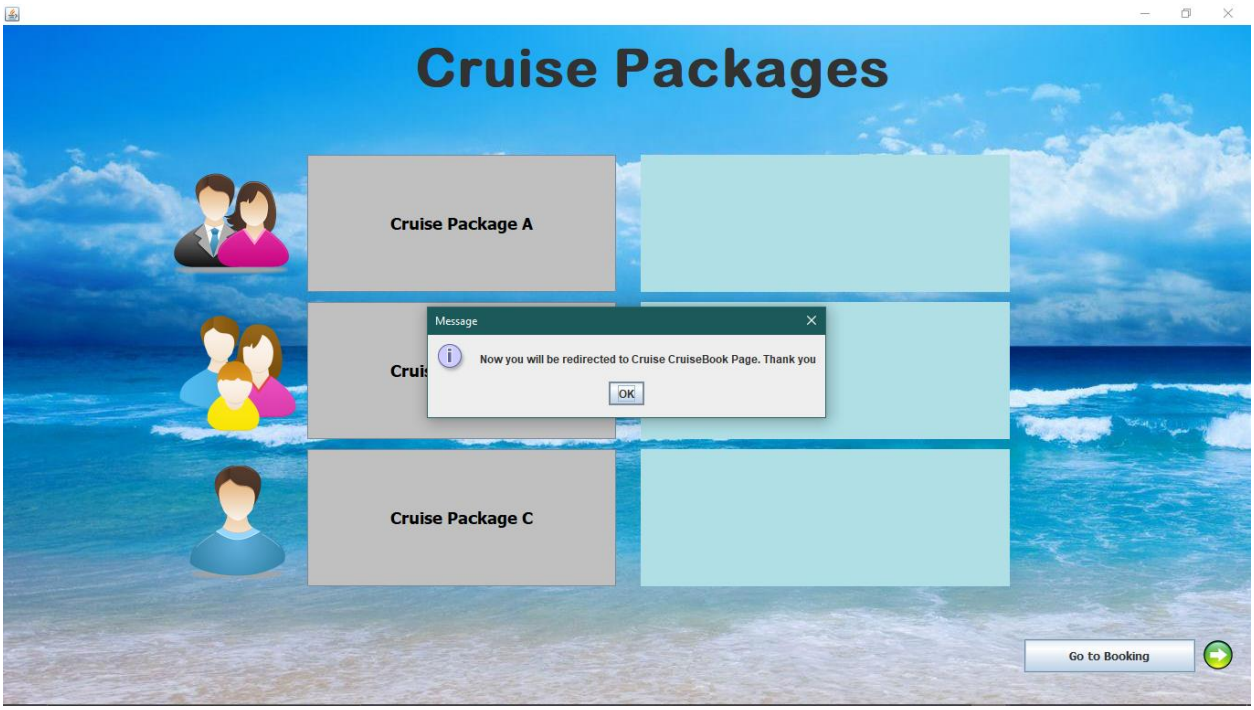

Cruise Class Travel Schedule
First Class
Second Class
Third Class
First Class - Premium Cruise (+600RM)
Available : All time Available
Boarding Point : Washington
Destination Point : Netherland / Cambodia / Atlantic
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Second Class - Golden Star Cruise (+400RM)
Available : Mac-May & Oct-Dec
Boarding Point : Sydney
Destination Point : Netherland / Cambodia / Atlantic
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Third Class - Silver Cruise (+200RM)
Available : Jan-Mar & July-Sept
Boarding Point : Jamaica
Destination Point : Papua New Gunea Sea
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Go to Cruise Facilities

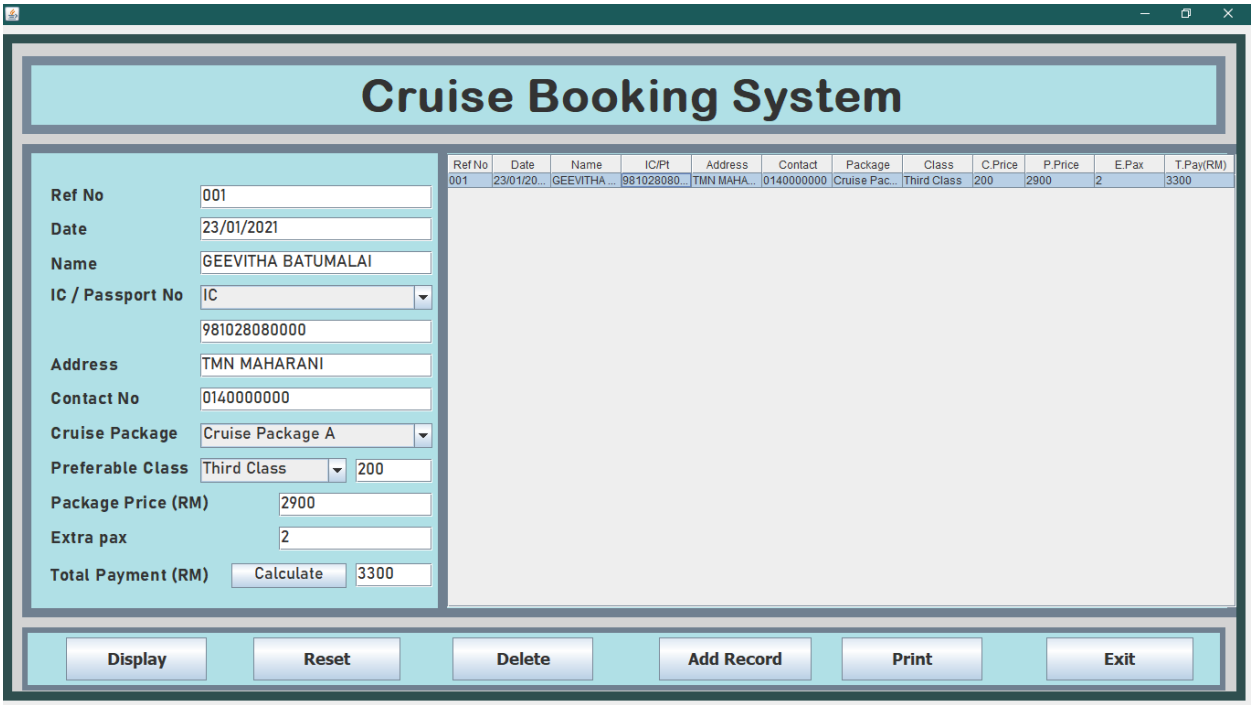

Cruise Class Travel Schedule
First Class
Second Class
Third Class
First Class - Premium Cruise (+600RM)
Available : All time Available
Boarding Point : Washington
Destination Point : Netherland / Cambodia / Atlantic
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Second Class - Golden Star Cruise (+400RM)
Available : Mac-May & Oct-Dec
earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Third Class - Silver Cruise (+200RM)
Available : Jan-Mar & July-Sept
Boarding Point : Jamaica
Destination Point : Papua New Gunea Sea
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Weekend Bookings will be terminated. Thank you.
Message
Now you will be redirected to Cruise Facilities Page. Thank you
OK
Go to Cruise Facilities

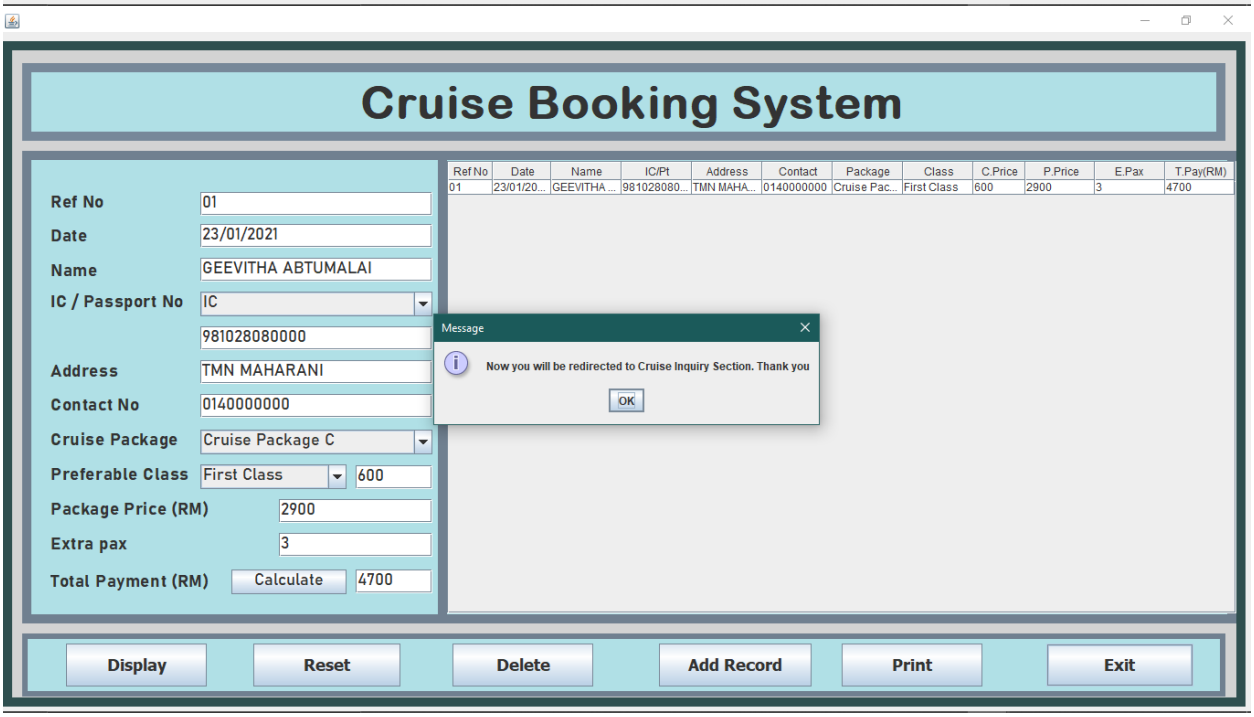
Cruise Facilities
Premium Cruise
Cruise - Premium Cruise
Inner Facility : Shopping Mall
Exterior Point : Sky Garden
Ammenities : Condusive and five star hospitality
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Golden Star Cruise
Cruise - Golden Star Cruise
Inner Facility : Room Theatre
Exterior Point : Elegant Theme with golden view sunrise and sunset
Ammenities : Condusive and four star hospitality
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Silver Cruise
Cruise - Silver Cruise
Inner Facility : Bar with swimming pool
Exterior Point : Flower Garden with 5-star Restaurant
Ammenities : Condusive and five star hospitality
Note: All cruise are available on specified months but cruises must be booked a month earlier and only at weekdays.
Go to Cruise Packages

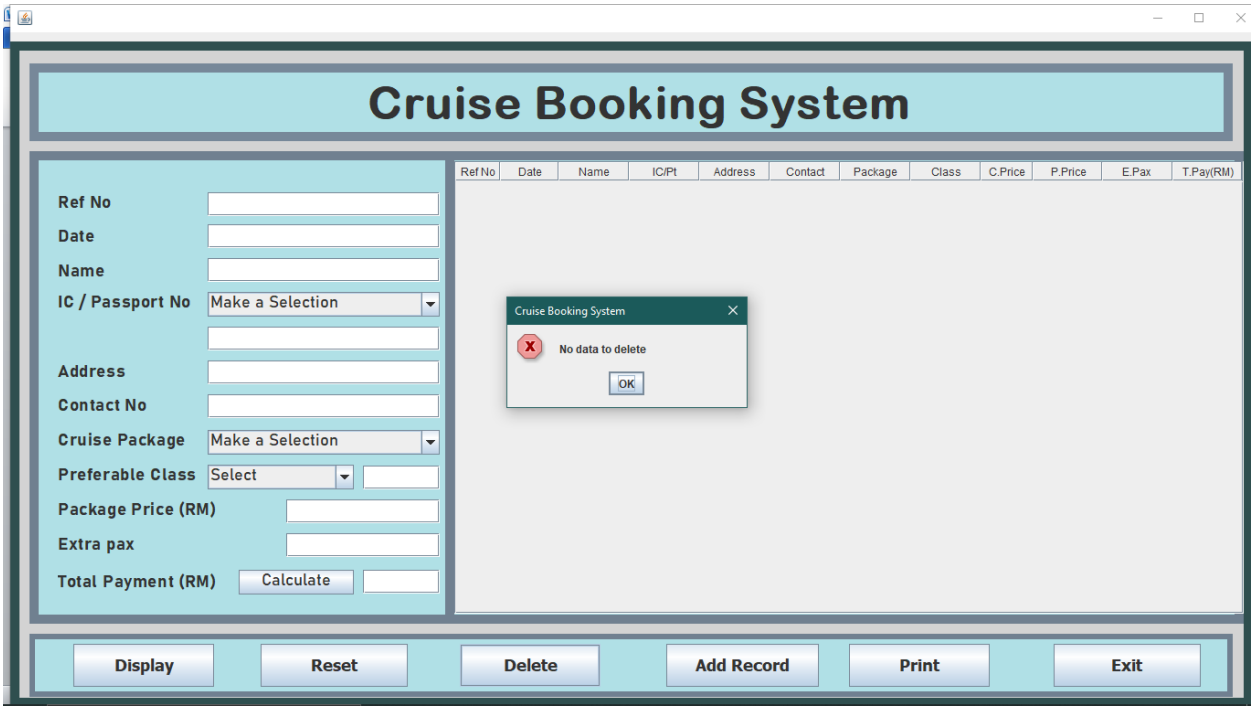
Cruise Facilities
Premium Cruise
Golden Star Cruise
Silver Cruise
Message
Now you will be redirected to Cruise Packages Page. Thank you
OK
Go to Cruise Packages

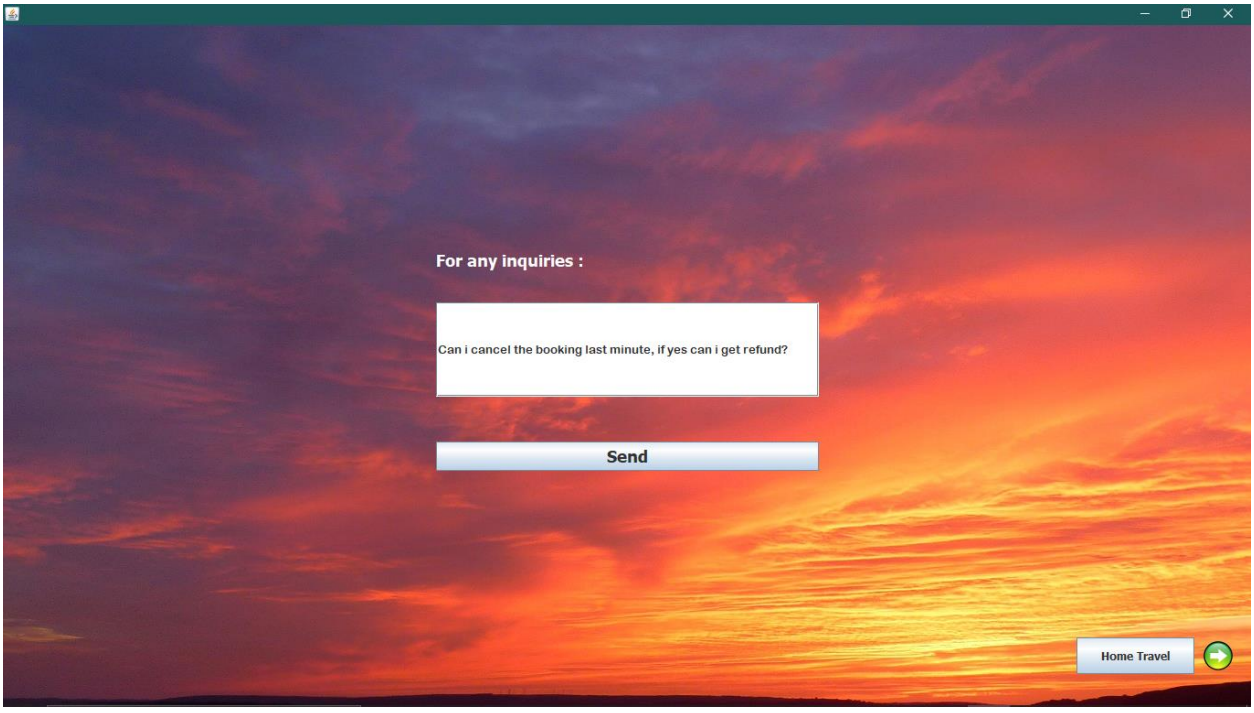

Cruise Packages
Cruise Package A
Cruise Package : A - Couple Ticket
Price : RM 3570
Period : 3 day 2 nights - Days are fixed. Extra days will be charged differently
Special Offer : Swimming pool and Bar facility are free of charge
Cruise Package B
Cruise Package : B - Family Ticket
Price : RM 4900
Period : 4 day 3 nights - Days are fixed. Extra days will be charged differently
Special Offer : Restaurant - Dinner and lunch for the first day and last day will be free of charge
Cruise Package C
Cruise Package : C - Single Ticket
Price : RM 2900
Period : 2 day 1 night - Days are fixed. Extra days will be charged differently
Special Offer : Can purchase items for RM200 in particular shops for free - T&C Applied.
Go to Booking


Cruise Packages
Cruise Package A
Message
Now you will be redirected to Cruise CruiseBook Page. Thank you
OK
Cruise Package C
Go to Booking


Cruise Booking System
Ref No 001
Date 23/01/2021
Name GEEVITHA BATUMALAI
IC / Passport No IC
981028080000
Address TMN MAHARANI
Contact No 0140000000
Cruise Package Cruise Package A
Preferable Class Third Class 200
Package Price (RM) 2900
Extra pax 2
Total Payment (RM) Calculate 3300
Ref No Date Name IC/Pt Address Contact Package Class C.Price P.Price E.Pax T.Pay(RM)
001 23/01/20... GEEVITHA ... 981028080... TMN MAHA... 0140000000 Cruise Pac... Third Class 200 2900 2 3300
Display
Reset
Delete
Add Record
Print
Exit


Cruise Booking System
Ref No 01
Date 23/01/2021
Name GEEVITHA ABTUMALAI
IC / Passport No IC
981028080000
Address TMN MAHARANI
Contact No 0140000000
Cruise Package Cruise Package C
Preferable Class First Class 600
Package Price (RM) 2900
Extra pax 3
Total Payment (RM) Calculate 4700
Ref No Date Name IC/Pt Address Contact Package Class C.Price P.Price E.Pax T.Pay(RM)
01 23/01/20... GEEVITHA ... 981028080... TMN MAHA... 0140000000 Cruise Pac... First Class 600 2900 3 4700
Message
Now you will be redirected to Cruise Inquiry Section. Thank you
OK
Display
Reset
Delete
Add Record
Print
Exit


Cruise Booking System
Ref No
Date
Name
IC / Passport No
Make a Selection
Address
Contact No
Cruise Package
Make a Selection
Preferable Class
Select
Package Price (RM)
Extra pax
Total Payment (RM)
Calculate
Ref No
Date
Name
IC/Pt
Address
Contact
Package
Class
C.Price
P.Price
E.Pax
T.Pay(RM)
Cruise Booking System
No data to delete
OK
Display
Reset
Delete
Add Record
Print
Exit

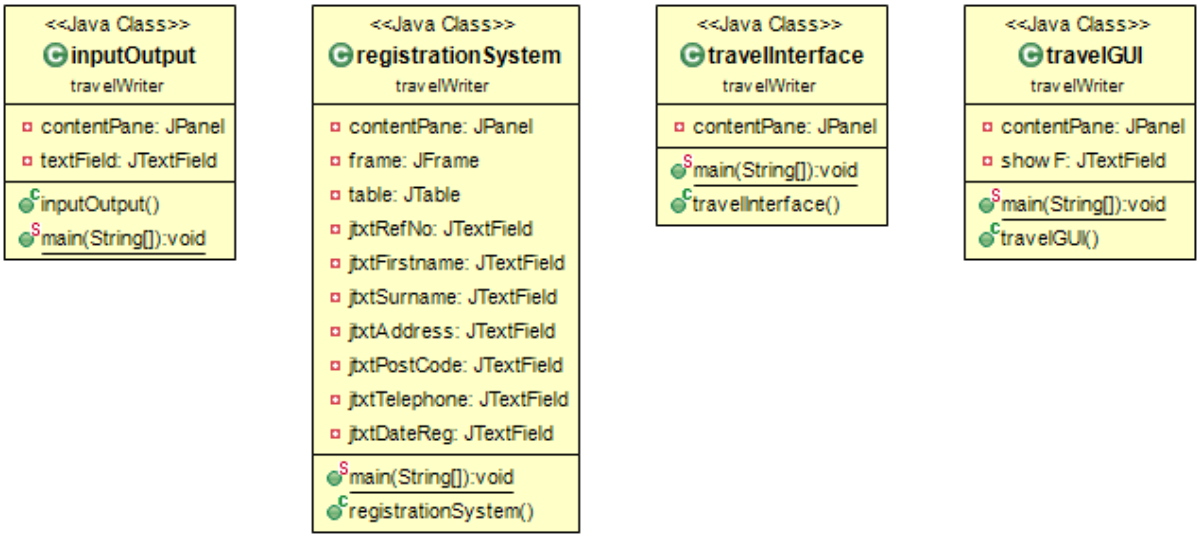

For any inquiries :
Can i cancel the booking last minute, if yes can i get refund?
Send
Home Travel

REPORT (TRAVEL WRITER/BLOGGER)

1. BACKGROUND PROJECT

Travel Writer/Blogger System is an information platform for traveller or the user himself to find out more about information on places that many people visited or interesting continents. The aims I'm making this project is to make an interesting graphical user interface (GUI) for the traveller and user himself experiences of various features of this java program. Next, this project also is to ensures to implement object oriented (OOP) programming in this java program. There are many options have been made for users to select on this program such as to know about details of continents, which contains the top destinations, popular islands, the room available, traditional food and the mostly transportation use. Users can also make a booking directly from this program.

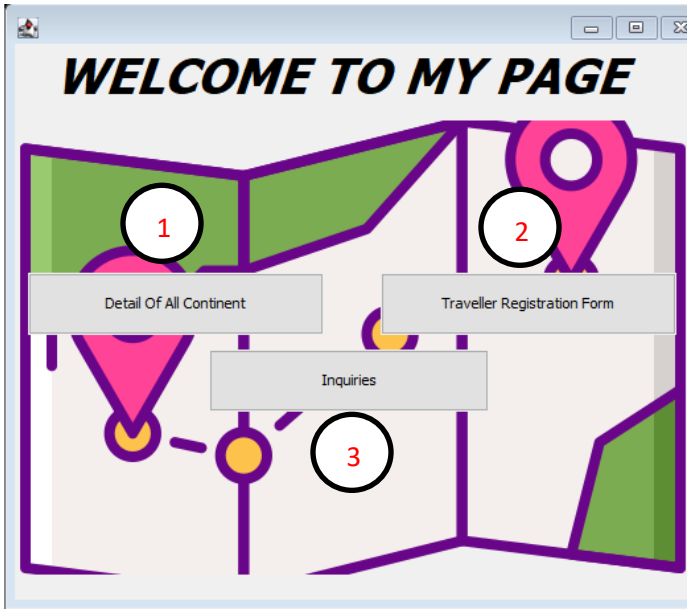
2. UML DIAGRAM



3. PROGRAM DESCRIPTION

User Manual (Traveller System)

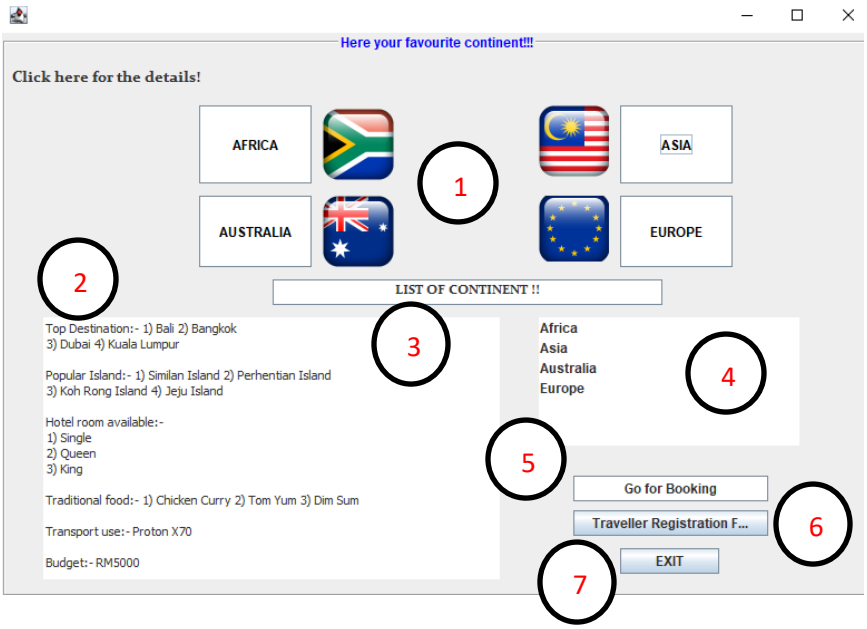
1. Home / interface page



1.1 Information of buttons

1. Details of All Continents – this button will let user know more information about the continents that user choose
2. Traveller Registration System – this button is for the user input the information required in form
3. Inquiries – if user have any comment about this program, user can click on this button

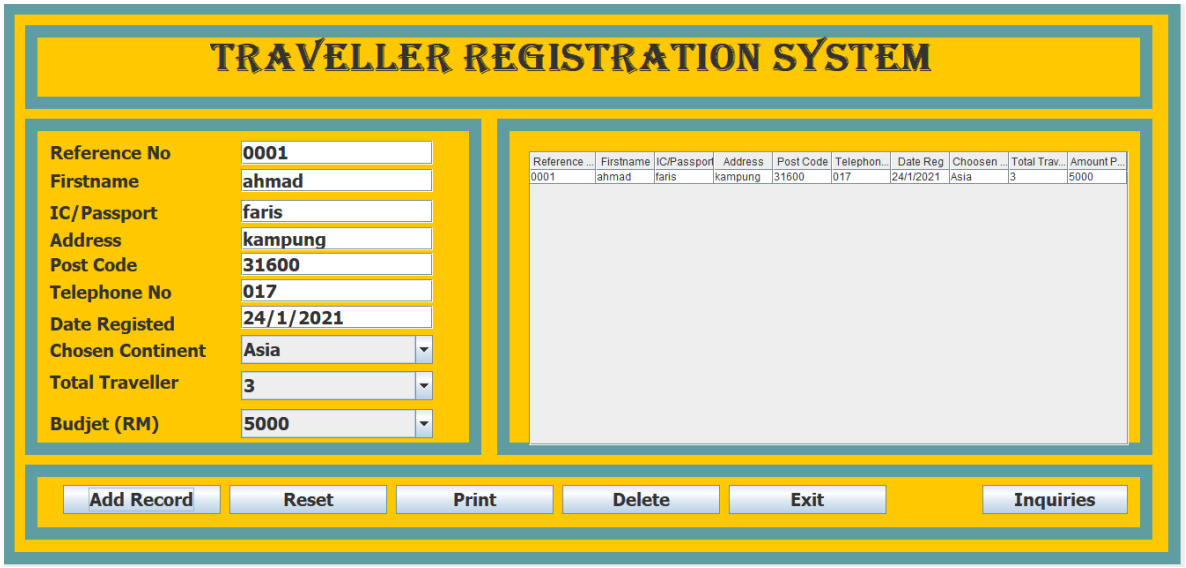
2. Information of continents page



2.1 Information of buttons

1. Type of buttons – this button will show more details about the continents that user choose
2. Text panel – this part is all information will display at here to let user know more about continents
3. List of continents – click on this button to see available continents
4. Text panel – the list of continents will be display at
5. Go for booking – button to let user booking to travel
6. Traveller registration form – will let user go to the next page which user need to complete the form
7. Exit – button for exit this page

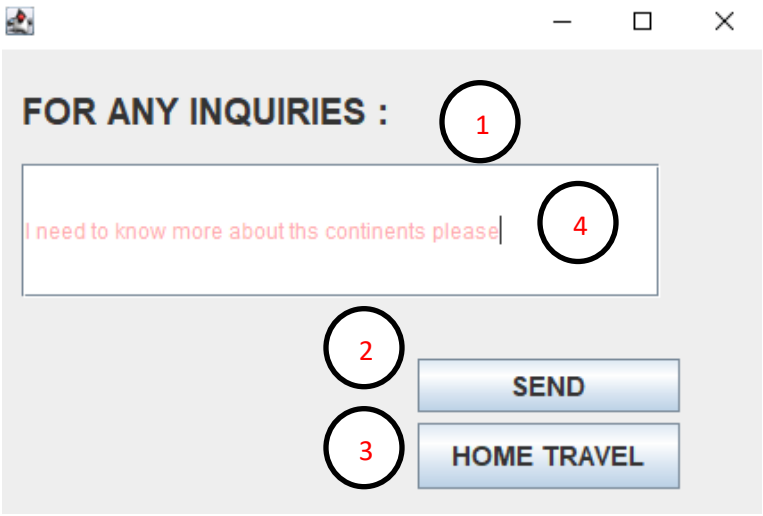
3. Traveller registration system/form page



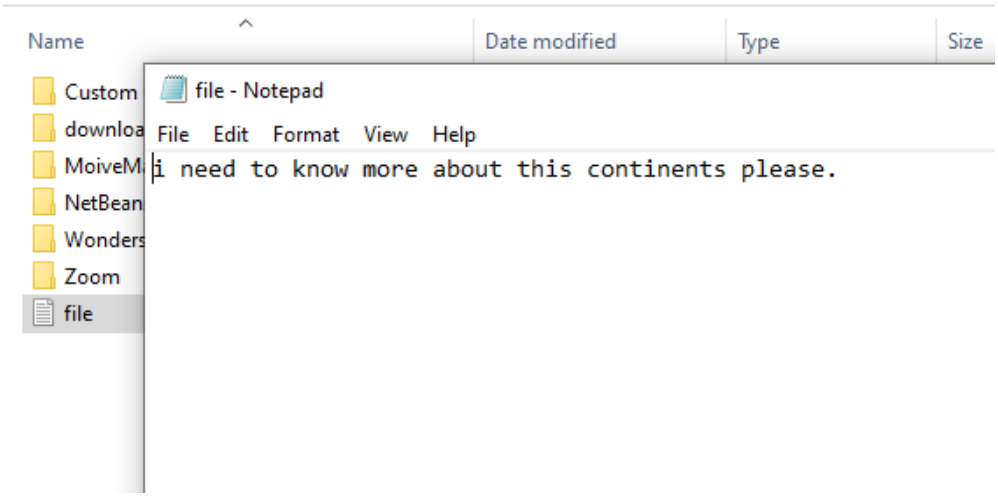
3.1 Registration flows

1. Reference no – reference number will let the person-in-charges (PIC) to refer the data easily
2. First name – user need to input their first name
3. IC/passport – user need to input whether IC number or passport number
4. Address – user need to input the address of the user
5. Postcode – user need to input the postcode where there live
6. Telephone no – user need to input number telephone that can be contact easily by our PIC
7. Date register – the date that user have register the form
8. Total traveller – user will choose how many person will go for travel
9. Budget price – user need to choose how many budget did they have
10. Various of buttons option :-
    a) Add record – button to add user data
    b) Reset – to reset user input
    c) Print – print the user table data
    d) Delete – to delete the data that user had input in the table
    e) Exit – to exit from this current page
    f) Inquiries – will let user to go to inquiries page

4. Inquiries page



4.1 Information

1. Test panel – user can input any comments or inquiries in this box
2. Send button – the data that user had input will save to programmer file which is on .txt file
3. Home travel button – will let the user to go to the main page of our Jom Kasi Travel System page
4. 

The comments or questions that user input will directly send to the programmer document which is in .txt file.

4. SOURCE CODE

4.1 Writer Travel interface

```
package travelWriter;


import java.awt.BorderLayout;
import java.awt.EventQueue;


import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.JTextField;
import java.awt.Font;
import java.awt.Image;


import javax.swing.SwingConstants;
import java.awt.Color;
```

```
import javax.swing.JLabel;


public class WriterTravelInterface extends JFrame {


	private JPanel contentPane;


	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					WriterTravelInterface frame = new WriterTravelInterface();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
```

```
}

/**
 * Create the frame.
 */
public WriterTravelInterface() {
	setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	setBounds(100, 100, 539, 459);
	contentPane = new JPanel();
	contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
	setContentPane(contentPane);
	contentPane.setLayout(null);

	JButton btnNewButton = new JButton("Detail Of All Continent");
	btnNewButton.addActionListener(new ActionListener() {
		public void actionPerformed(ActionEvent e) {
			WriterTravelGUI firstPage = new WriterTravelGUI();
			firstPage.setVisible(true);
		}
	});
	btnNewButton.setBounds(10, 173, 224, 47);
```

```
contentPane.add(btnNewButton);


JButton btnNewButton_1 = new JButton("Traveller Registration Form");
btnNewButton_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		WriterRegistrationSystem secondPage = new WriterRegistrationSystem();
		secondPage.setVisible(true);
	}
});
btnNewButton_1.setBounds(277, 173, 224, 47);
contentPane.add(btnNewButton_1);


JButton btnNewButton_2 = new JButton("Inquiries");
btnNewButton_2.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		WriterInputOutput thirdPage = new WriterInputOutput();
		thirdPage.setVisible(true);
	}
});
btnNewButton_2.setBounds(147, 231, 212, 47);
```

```
                contentPane.add(btnNewButton_2);


                JLabel lblNewLabel_1 = new JLabel("WELCOME TO MY PAGE\r\n");
                lblNewLabel_1.setFont(new Font("Tahoma", Font.BOLD | Font.ITALIC,
37));
                lblNewLabel_1.setBounds(30, 0, 471, 47);
                contentPane.add(lblNewLabel_1);
                JLabel lblNewLabel = new JLabel("");
                Image img1 = new
ImageIcon(this.getClass().getResource("/bg2.png")).getImage();
                lblNewLabel.setIcon(new ImageIcon(img1));
                lblNewLabel.setBounds(0, 58, 517, 343);
                contentPane.add(lblNewLabel);




        }
    }
```

4.2 Writer Travel GUI

```
package travelWriter;


import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.awt.Image;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JPanel;

import java.awt.Color;

import java.awt.Component;


import javax.swing.border.TitledBorder;

import javax.swing.border.EtchedBorder;

import javax.swing.JList;

import javax.swing.JOptionPane;

import javax.swing.DefaultListModel;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.JTextPane;
```

```
import javax.swing.JComboBox;
import javax.swing.JTextField;
import java.awt.Font;
import javax.swing.JSplitPane;



public class WriterTravelGUI extends JFrame {

	private JPanel contentPane;
	private JTextField showF;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					WriterTravelGUI frame = new WriterTravelGUI();
					frame.setVisible(true);
				} catch (Exception e) {
```

```
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the frame.
     */
    public WriterTravelGUI() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(100, 100, 800, 546);
        contentPane = new JPanel();
        contentPane.setBorder(new TitledBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160, 160, 160)), "Here your favourite continent!!!", TitledBorder.CENTER, TitledBorder.TOP, null, new Color(0, 0, 255)));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JPanel panel = new JPanel();
```

```
panel.setBorder(new TitledBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160, 160, 160)), "Country that we provide!", TitledBorder.LEADING, TitledBorder.TOP, null, new Color(0, 0, 0)));

panel.setBounds(483, 255, 234, 115);

contentPane.add(panel);

panel.setLayout(null);


JList list = new JList();

list.setBounds(0, 0, 234, 138);

panel.add(list);

list.setBackground(Color.WHITE);



JButton btnChoose = new JButton("LIST OF CONTINENT !!");

btnChoose.setBackground(Color.WHITE);

btnChoose.setFont(new Font("Constantia", Font.BOLD, 12));

btnChoose.addActionListener(new ActionListener() {

        public void actionPerformed(ActionEvent e) {

                DefaultListModel DLM = new DefaultListModel();

                DLM.addElement("Africa");

                DLM.addElement("Asia");
```

```
                DLM.addElement("Australia");
                DLM.addElement("Europe");
                list.setModel(DLM);
            }
        });
        btnChoose.setBounds(244, 221, 350, 23);
        contentPane.add(btnChoose);

        JButton btnBooking = new JButton("Go for Booking");
        btnBooking.setBackground(Color.WHITE);
        btnBooking.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                JOptionPane.showMessageDialog(contentPane,
                  "Booking is currently unavailable due to Covid-19 pandemic. We apoligize for the inconvenience.");
            }
        });
        btnBooking.setBounds(514, 397, 175, 23);
        contentPane.add(btnBooking);

        JTextPane textPane = new JTextPane();
```

```
textPane.setFont(new Font("Tahoma", Font.PLAIN, 11));
textPane.setBackground(Color.WHITE);
textPane.setBounds(38, 255, 410, 235);
contentPane.add(textPane);



JButton AfricaButton = new JButton("AFRICA");
AfricaButton.setBackground(Color.WHITE);
AfricaButton.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent arg0) {
                textPane.setText("Top Destination:- 1) Cape Town 2) Marrakesh \r\n"
                        + "3) Cairo 4) Mauritius\n "
                        + "\nPopular Island:- 1) Praslin Island 2) Djerba Island \r\n"
                        + "3) Sal Island 4) Lamu Island\n"
                        + "\nHotel room available:- \n1) Single \r\n"
                        + "2) Queen \r\n"
                        + "3) King \r\n"
                        + "\nTraditional food:- 1) Bunny Chow 2) Pap 3) Piri-piri Chicken \r\n"
                        + "\nTransport use:- Toyota Hilux \r\n"
```

```
                                        + "\nBudget:- RM10000 \r\n");
                }
        });
        AfricaButton.setForeground(Color.BLACK);
        AfricaButton.setBounds(178, 65, 101, 70);
        contentPane.add(AfricaButton);

        JButton AsiaButton = new JButton("ASIA");
        AsiaButton.setBackground(Color.WHITE);
        AsiaButton.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent arg0) {
                        textPane.setText("Top Destination:- 1) Bali 2) Bangkok \r\n"
                                        + "3) Dubai 4) Kuala Lumpur\n "
                                        + "\nPopular Island:- 1) Similan Island 2) Perhentian Island \r\n"
                                        + "3) Koh Rong Island 4) Jeju Island\n"
                                        + "\nHotel room available:- \n1) Single \r\n"
                                        + "2) Queen \r\n"
                                        + "3) King \r\n"
                                        + "\nTraditional food:- 1) Chicken Curry 2) Tom Yum 3) Dim Sum\r\n"
```

```
                                        + "\nTransport use:- Proton X70\r\n"
                                        + "\nBudget:- RM5000 \r\n");
                }
        });
        AsiaButton.setForeground(Color.BLACK);
        AsiaButton.setBounds(556, 65, 101, 70);
        contentPane.add(AsiaButton);

        JButton Australia = new JButton("AUSTRALIA");
        Australia.setBackground(Color.WHITE);
        Australia.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent arg0) {
                        textPane.setText("Top Destination:- 1) Sydney 2) Melbourne \r\n"
                                        + "3) Gold Coast 4) Perth\n "
                                        + "\nPopular Island:- 1) Fraser Island 2) Kangaroo Island \r\n"
                                        + "3) Lord Howe Island 4) Cockatoo Island\n"
                                        + "\nHotel room available:- \n1) Single \r\n"
                                        + "2) Queen \r\n"
                                        + "3) King \r\n"
```

```
                                        + "\nTraditional food:- 1) Lamingtons 2) Pea & Ham Soup 3) Damper  \r\n"
                                        + "\nTransport use:- Ford Ranger \r\n"
                                        + "\nBudget:- RM20000 \r\n");
                        }
                });
                Australia.setForeground(Color.BLACK);
                Australia.setBounds(178, 146, 101, 64);
                contentPane.add(Australia);

                JButton Europe = new JButton("EUROPE");
                Europe.setBackground(Color.WHITE);
                Europe.addActionListener(new ActionListener() {
                        public void actionPerformed(ActionEvent arg0) {
                                textPane.setText("Top Destination:- 1) London 2) Paris \r\n"
                                        + "3) Rome 4) Amsterdam\n "
                                        + "\nPopular Island:- 1) Crete Island 2) Santorini Island \r\n"
                                        + "3) Mykonos Island 4) Ibiza Island\n"
                                        + "\nHotel room available:- \n1) Single \r\n"
                                        + "2) Queen \r\n"
```

```
                                        + "3) King \r\n"
                                        + "\nTraditional food:- 1) Arancini 2) Pierogi 3) Goulash\r\n"
                                        + "\nTransport use:- Volkswagen Passat \r\n"
                                        + "\nBudget:- RM30000 \r\n");
                        }
                });
                Europe.setForeground(Color.BLACK);
                Europe.setBounds(556, 146, 101, 64);
                contentPane.add(Europe);

                JLabel lblNewLabel = new JLabel("Click here for the details!");
                lblNewLabel.setFont(new Font("Constantia", Font.BOLD, 14));
                lblNewLabel.setBounds(10, 31, 319, 23);
                contentPane.add(lblNewLabel);

                JLabel lblNewLabel_1 = new JLabel("");
                Image img1 = new ImageIcon(this.getClass().getResource("/africa5.png")).getImage();
                lblNewLabel_1.setIcon(new ImageIcon(img1));
                lblNewLabel_1.setBounds(289, 65, 89, 70);
```

```
contentPane.add(lblNewLabel_1);


JLabel lblNewLabel_2 = new JLabel("");
Image img2 = new ImageIcon(this.getClass().getResource("/australia5.png")).getImage();
lblNewLabel_2.setIcon(new ImageIcon(img2));
lblNewLabel_2.setBounds(289, 145, 101, 66);
contentPane.add(lblNewLabel_2);


JLabel lblNewLabel_3 = new JLabel("");
Image img3 = new ImageIcon(this.getClass().getResource("/asia5.png")).getImage();
lblNewLabel_3.setIcon(new ImageIcon(img3));
lblNewLabel_3.setBounds(483, 65, 63, 64);
contentPane.add(lblNewLabel_3);


JLabel lblNewLabel_4 = new JLabel("");
Image img4 = new ImageIcon(this.getClass().getResource("/europe5.png")).getImage();
lblNewLabel_4.setIcon(new ImageIcon(img4));
lblNewLabel_4.setBounds(483, 146, 63, 59);
contentPane.add(lblNewLabel_4);
```

```
JButton btnNewButton = new JButton("EXIT");
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		System.exit(0);
	}
});
btnNewButton.setBounds(556, 462, 89, 23);
contentPane.add(btnNewButton);

JButton btnNewButton_1 = new JButton("Traveller Registration Form");
btnNewButton_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		WriterRegistrationSystem secondPage = new WriterRegistrationSystem();
		secondPage.setVisible(true);
	}
});
btnNewButton_1.setBounds(514, 428, 175, 23);
contentPane.add(btnNewButton_1);
```

```
        }
}
```

4.3 Writer Registration System

```
package travelWriter;

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.border.MatteBorder;
import java.awt.Color;
import javax.swing.JTable;
```

```
import javax.swing.table.DefaultTableModel;
import javax.swing.JScrollPane;
import javax.swing.border.LineBorder;
import javax.swing.JLabel;
import javax.swing.JOptionPane;


import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JComboBox;
import javax.swing.JButton;
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;


public class WriterRegistrationSystem extends JFrame {


	private JPanel contentPane;
	private JFrame frame;
	private JTable table;
	private JTextField jtxtRefNo;
	private JTextField jtxtFirstname;
```

```
	private JTextField jtxtSurname;
	private JTextField jtxtAddress;
	private JTextField jtxtPostCode;
	private JTextField jtxtTelephone;
	private JTextField jtxtDateReg;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					WriterRegistrationSystem frame = new WriterRegistrationSystem();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
```

```
}

/**
 * Create the frame.
 */
public WriterRegistrationSystem() {
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setBounds(0, 0, 1400, 800);
        contentPane = new JPanel();
        contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
        setContentPane(contentPane);
        contentPane.setLayout(null);

        JPanel panel = new JPanel();
        panel.setBackground(Color.ORANGE);
        panel.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95,
158, 160)));
        panel.setBounds(10, 10, 1338, 637);
        contentPane.add(panel);
        panel.setLayout(null);
```

```
JPanel panel_1 = new JPanel();

panel_1.setLayout(null);

panel_1.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95,
158, 160)));

panel_1.setBackground(Color.ORANGE);

panel_1.setBounds(26, 26, 1280, 95);

panel.add(panel_1);


JLabel lblMembershipRegistrationSystem = new JLabel("Traveller
Registration System");

lblMembershipRegistrationSystem.setFont(new Font("Algerian",
Font.BOLD, 47));

lblMembershipRegistrationSystem.setBounds(210, 11, 847, 61);

panel_1.add(lblMembershipRegistrationSystem);


JPanel panel_2 = new JPanel();

panel_2.setLayout(null);

panel_2.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95,
158, 160)));

panel_2.setBackground(Color.ORANGE);

panel_2.setBounds(26, 132, 518, 381);

panel.add(panel_2);
```

```
JLabel lblNewLabel = new JLabel("Reference No");
lblNewLabel.setFont(new Font("Tahoma", Font.BOLD, 20));
lblNewLabel.setBounds(28, 26, 150, 25);
panel_2.add(lblNewLabel);

JLabel lblFirstname = new JLabel("Firstname");
lblFirstname.setFont(new Font("Tahoma", Font.BOLD, 20));
lblFirstname.setBounds(28, 58, 150, 25);
panel_2.add(lblFirstname);

jtxtRefNo = new JTextField();
jtxtRefNo.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtRefNo.setColumns(10);
jtxtRefNo.setBounds(245, 25, 218, 27);
panel_2.add(jtxtRefNo);

jtxtFirstname = new JTextField();
jtxtFirstname.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtFirstname.setColumns(10);
jtxtFirstname.setBounds(245, 57, 218, 26);
```

```
panel_2.add(jtxtFirstname);


jtxtSurname = new JTextField();
jtxtSurname.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtSurname.setColumns(10);
jtxtSurname.setBounds(245, 92, 218, 26);
panel_2.add(jtxtSurname);


jtxtAddress = new JTextField();
jtxtAddress.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtAddress.setColumns(10);
jtxtAddress.setBounds(245, 123, 218, 26);
panel_2.add(jtxtAddress);


jtxtPostCode = new JTextField();
jtxtPostCode.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtPostCode.setColumns(10);
jtxtPostCode.setBounds(245, 152, 218, 26);
panel_2.add(jtxtPostCode);


jtxtTelephone = new JTextField();
```

```
jtxtTelephone.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtTelephone.setColumns(10);
jtxtTelephone.setBounds(245, 182, 218, 26);
panel_2.add(jtxtTelephone);

jtxtDateReg = new JTextField();
jtxtDateReg.setFont(new Font("Tahoma", Font.BOLD, 20));
jtxtDateReg.setColumns(10);
jtxtDateReg.setBounds(245, 212, 218, 26);
panel_2.add(jtxtDateReg);

JComboBox cmbProveofID = new JComboBox();
cmbProveofID.setModel(new DefaultComboBoxModel(new String[] {"Make a Selection", "Africa", "Asia", "Australia", "Europe"}));
cmbProveofID.setFont(new Font("Tahoma", Font.BOLD, 20));
cmbProveofID.setBounds(245, 245, 218, 33);
panel_2.add(cmbProveofID);

JLabel lblIcpassportNo = new JLabel("IC/Passport ");
lblIcpassportNo.setFont(new Font("Tahoma", Font.BOLD, 20));
lblIcpassportNo.setBounds(28, 94, 154, 25);
```

```
panel_2.add(lblIcpassportNo);


JLabel label_1 = new JLabel("Address");
label_1.setFont(new Font("Tahoma", Font.BOLD, 20));
label_1.setBounds(28, 125, 154, 25);
panel_2.add(label_1);


JLabel label_2 = new JLabel("Post Code");
label_2.setFont(new Font("Tahoma", Font.BOLD, 20));
label_2.setBounds(28, 153, 154, 25);
panel_2.add(label_2);


JLabel lblTelephoneNo = new JLabel("Telephone No\r\n");
lblTelephoneNo.setFont(new Font("Tahoma", Font.BOLD, 20));
lblTelephoneNo.setBounds(28, 184, 154, 25);
panel_2.add(lblTelephoneNo);


JLabel label_4 = new JLabel("Date Registed");
label_4.setFont(new Font("Tahoma", Font.BOLD, 20));
label_4.setBounds(28, 220, 154, 25);
panel_2.add(label_4);
```

```
JLabel lblChosenContinent = new JLabel("Chosen Continent");
lblChosenContinent.setFont(new Font("Tahoma", Font.BOLD, 20));
lblChosenContinent.setBounds(28, 250, 187, 25);
panel_2.add(lblChosenContinent);

JLabel lblTotalTraveller = new JLabel("Total Traveller");
lblTotalTraveller.setFont(new Font("Tahoma", Font.BOLD, 20));
lblTotalTraveller.setBounds(28, 286, 187, 25);
panel_2.add(lblTotalTraveller);

JLabel lblBudgetAmount = new JLabel("Budjet (RM)");
lblBudgetAmount.setFont(new Font("Tahoma", Font.BOLD, 20));
lblBudgetAmount.setBounds(28, 333, 154, 25);
panel_2.add(lblBudgetAmount);

JComboBox cmbAmountPaid = new JComboBox();
cmbAmountPaid.setModel(new DefaultComboBoxModel(new String[] {"Make a Selection", "5000", "10000", "20000", "30000"}));
cmbAmountPaid.setFont(new Font("Tahoma", Font.BOLD, 20));
cmbAmountPaid.setBounds(245, 329, 218, 33);
```

```
panel_2.add(cmbAmountPaid);


JComboBox cmbMembership = new JComboBox();
cmbMembership.setModel(new DefaultComboBoxModel(new String[] {"Make a Selection", "1", "2", "3", "More than 3"}));
cmbMembership.setFont(new Font("Tahoma", Font.BOLD, 20));
cmbMembership.setBounds(245, 286, 218, 33);
panel_2.add(cmbMembership);


JPanel panel_3 = new JPanel();
panel_3.setLayout(null);
panel_3.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
panel_3.setBackground(Color.ORANGE);
panel_3.setBounds(26, 524, 1280, 85);
panel.add(panel_3);


JButton button = new JButton("Add Record");
button.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {
```

```
                DefaultTableModel model = (DefaultTableModel) table.getModel();
                model.addRow(new Object[]{
                        jtxtRefNo.getText(),
                                jtxtFirstname.getText(),
                                jtxtSurname.getText(),
                                jtxtAddress.getText(),
                                jtxtPostCode.getText(),
                                jtxtTelephone.getText(),
                                jtxtDateReg.getText(),
                                cmbProveofID.getSelectedItem(),
                                cmbMembership.getSelectedItem(),
                                cmbAmountPaid.getSelectedItem(),
            });


              if (table.getSelectedRow() == -1){
                if (table.getRowCount() == 0){
                JOptionPane.showMessageDialog(null, "Membership Update confirmed","Membership  Management System",
                        JOptionPane.OK_OPTION);
                }
```

```
                }


                 }



});
button.setFont(new Font("Tahoma", Font.BOLD, 20));
button.setBounds(43, 23, 179, 33);
panel_3.add(button);

JButton button_1 = new JButton("Reset");
button_1.addActionListener(new ActionListener() {
        public void actionPerformed(ActionEvent e) {

                jtxtRefNo.setText("");
                jtxtFirstname.setText("");
                jtxtSurname.setText("");
                jtxtAddress.setText("");
                jtxtPostCode.setText("");
                jtxtTelephone.setText("");
                jtxtDateReg.setText("");
```

```
                cmbProveofID.setSelectedItem("Make a Selection");
                cmbMembership.setSelectedItem("Make a Selection");
                cmbAmountPaid.setSelectedItem("Make a Selection");
            }
        });
        button_1.setFont(new Font("Tahoma", Font.BOLD, 20));
        button_1.setBounds(232, 23, 179, 33);
        panel_3.add(button_1);

        JButton button_2 = new JButton("Delete");
        button_2.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {

                DefaultTableModel model = (DefaultTableModel) table.getModel();
                if(table.getSelectedRow()==-1){
                    if(table.getRowCount()==0){

                        JOptionPane.showMessageDialog(null, "No data to delete ",
                                "Membership Management System",JOptionPane.OK_OPTION);
```

```
                }else{


                    JOptionPane.showMessageDialog(null, "Select a row to delete
",
                            "Membership Management
System",JOptionPane.OK_OPTION);
                    }
                }else{
                    model.removeRow(table.getSelectedRow());
                }


                }
            });
            button_2.setFont(new Font("Tahoma", Font.BOLD, 20));
            button_2.setBounds(610, 23, 179, 33);
            panel_3.add(button_2);


            JButton button_3 = new JButton("Exit");
            button_3.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {


                    frame =new JFrame();
```

```
                    if (JOptionPane.showConfirmDialog(frame,"Confirm if you want to exit", "Membership Registration Systems",
                            JOptionPane.YES_NO_OPTION) == JOptionPane.YES_NO_OPTION){
                        System.exit(0);
                    }

                }
            });
            button_3.setFont(new Font("Tahoma", Font.BOLD, 20));
            button_3.setBounds(799, 23, 179, 33);
            panel_3.add(button_3);

            JButton button_4 = new JButton("Print");
            button_4.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent arg0) {

                    try
                    {
                        table.print();
                    }
```

```
                    catch(java.awt.print.PrinterException e){
                        System.err.format("No Printer found",
e.getMessage());
                    }
                }
            });
            button_4.setFont(new Font("Tahoma", Font.BOLD, 20));
            button_4.setBounds(421, 23, 179, 33);
            panel_3.add(button_4);

            JButton btnNewButton = new JButton("Inquiries");
            btnNewButton.setFont(new Font("Tahoma", Font.BOLD, 20));
            btnNewButton.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                    WriterInputOutput thirdPage = new WriterInputOutput();
                    thirdPage.setVisible(true);
                }
            });

            btnNewButton.setBounds(1087, 23, 165, 33);
            panel_3.add(btnNewButton);
```

```
JPanel panel_4 = new JPanel();
panel_4.setLayout(null);
panel_4.setBorder(new MatteBorder(14, 14, 14, 14, (Color) new Color(95, 158, 160)));
panel_4.setBackground(Color.ORANGE);
panel_4.setBounds(562, 132, 744, 381);
panel.add(panel_4);

JScrollPane scrollPane = new JScrollPane();
scrollPane.setBounds(36, 37, 681, 333);
panel_4.add(scrollPane);

table = new JTable();
table.setModel(new DefaultTableModel(
        new Object[][] {
        },
        new String[] {
                "Reference No", "Firstname", "IC/Passport", "Address", "Post Code", "Telephone No", "Date Reg", "Choosen Continent", "Total Traveller", "Amount Paid"
```

```
                }
            ));
            table.getColumnModel().getColumn(0).setPreferredWidth(84);
            scrollPane.setViewportView(table);
        }
}
```

4.4 Writer Input Output

```
package travelWriter;

import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.BorderLayout;
import java.io.*;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
```

```
import javax.swing.border.EmptyBorder;

import javax.swing.JLabel;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import java.awt.Font;

import java.awt.Image;

import java.awt.Color;

import java.awt.FlowLayout;

import javax.swing.GroupLayout;

import javax.swing.ImageIcon;

import javax.swing.GroupLayout.Alignment;

import javax.swing.LayoutStyle.ComponentPlacement;


public class WriterInputOutput extends JFrame {


	private JPanel contentPane;

	private JTextField textField;
```

```
/**
 * Create the frame.
 */
public WriterInputOutput() {
	setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	setBounds(100, 100, 450, 300);
	contentPane = new JPanel();
	contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
	setContentPane(contentPane);

	JLabel lblNewLabel = new JLabel("FOR ANY INQUIRIES :");
	lblNewLabel.setFont(new Font("Traditional Arabic", Font.BOLD, 20));

	textField = new JTextField();
	textField.setForeground(Color.PINK);
	textField.setColumns(10);

	JButton btnNewButton = new JButton("SEND");
	btnNewButton.setFont(new Font("Dialog", Font.BOLD, 15));
	btnNewButton.addActionListener(new ActionListener() {
		public void actionPerformed(ActionEvent e) {
```

```
                try {
                        String word = textField.getText();
                        FileWriter stream = new
FileWriter("C:\\Users\\user\\Documents\\file.txt");
                        BufferedWriter out = new BufferedWriter (stream);
                        out.write(word);
                        out.close();
                } catch (Exception ex) {}
            }
        });

        JButton btnNewButton_1 = new JButton("HOME TRAVEL");
        btnNewButton_1.setFont(new Font("Dialog", Font.BOLD, 15));
        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(gl_contentPane.createSequentialGroup()

    .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)

    .addGroup(gl_contentPane.createSequentialGroup()
                                        .addContainerGap()
```

```
                                        .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 218, GroupLayout.PREFERRED_SIZE))

        .addGroup(gl_contentPane.createSequentialGroup()

                                        .addContainerGap()

                                        .addComponent(textField,
GroupLayout.PREFERRED_SIZE, 358, GroupLayout.PREFERRED_SIZE))

        .addGroup(gl_contentPane.createSequentialGroup()

                                        .addGap(234)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING, false)

        .addComponent(btnNewButton, Alignment.TRAILING, GroupLayout.DEFAULT_SIZE,
GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addComponent(btnNewButton_1,                Alignment.TRAILING,
GroupLayout.DEFAULT_SIZE, 147, Short.MAX_VALUE))))

                                .addContainerGap(43, Short.MAX_VALUE))

                );

                gl_contentPane.setVerticalGroup(

                        gl_contentPane.createParallelGroup(Alignment.LEADING)

                                .addGroup(gl_contentPane.createSequentialGroup()

                                        .addContainerGap()
```

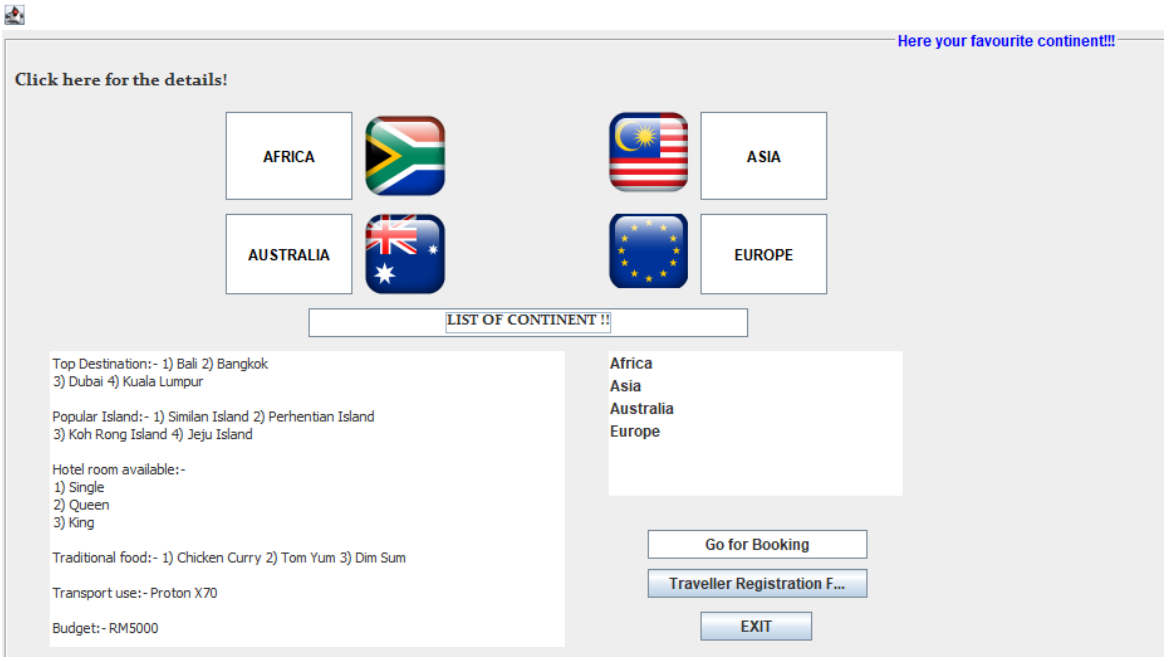
```
                                        .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 35, GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(ComponentPlacement.UNRELATED)

                                        .addComponent(textField,
GroupLayout.PREFERRED_SIZE, 75, GroupLayout.PREFERRED_SIZE)

                                        .addGap(34)

                                        .addComponent(btnNewButton,
GroupLayout.DEFAULT_SIZE, GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

        .addPreferredGap(ComponentPlacement.RELATED)

                                        .addComponent(btnNewButton_1,
GroupLayout.PREFERRED_SIZE, 37, GroupLayout.PREFERRED_SIZE)

                                        .addContainerGap())

                );

                contentPane.setLayout(gl_contentPane);

        }


                /**

                 * Launch the application.

                 */

                public static void main(String[] args) {

                        EventQueue.invokeLater(new Runnable() {
```

```
                public void run() {
                    try {
                        WriterInputOutput gui = new WriterInputOutput();
                        gui.setVisible(true);
                    } catch (Exception e) {
                        e.printStackTrace();
                    }
                }
            });
        }
    }
```

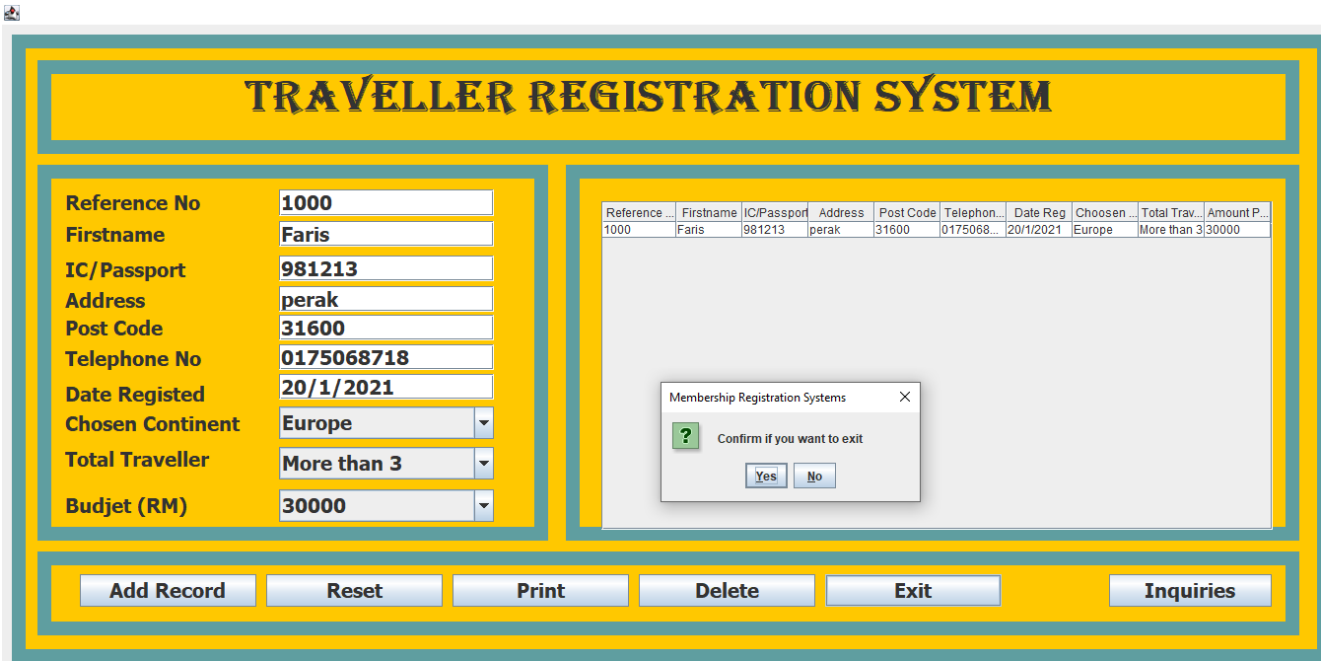
5. SAMPLE RUN

5.1 Interface

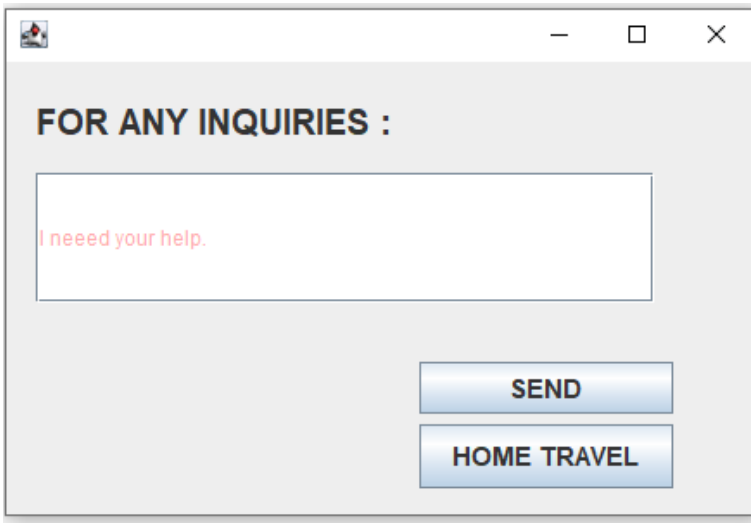
5.2 List of continents



5.3 Registration form



5.4 Inquiry



REPORT (EVENT COODINATOR)

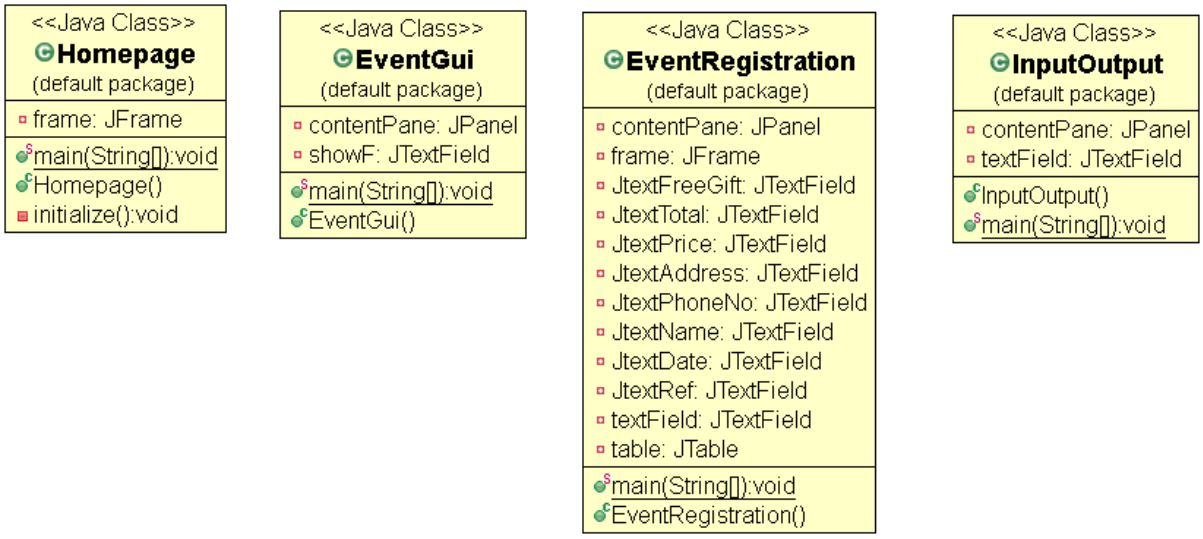
1. PROJECT BACKGROUND

Event Coordinators, also known as Event Specialists or Event Planners, are responsible for every aspect of event planning. Their main duties include selecting venues, determining the cost, arranging event services and monitoring client approval. They may work for an events company or as a contractor.

- Identify the client's requirements and expectations for each event.
- Liaise with vendors, exhibitors, and stakeholders during the event planning process to ensure everything is in order.
- Manage all event set-up, tear down and follow-up processes.
- Maintain event budgets.
- Book venues, entertainers, photographers, and schedule speakers.
- Conduct final inspections on the day of the event to ensure everything adheres to the client's standards.
- Assess an event's overall success and submit findings.

To make easier for every clients, clients can use all the features inside the program and a quick guide to show how to use it.

2. UML Class Diagram



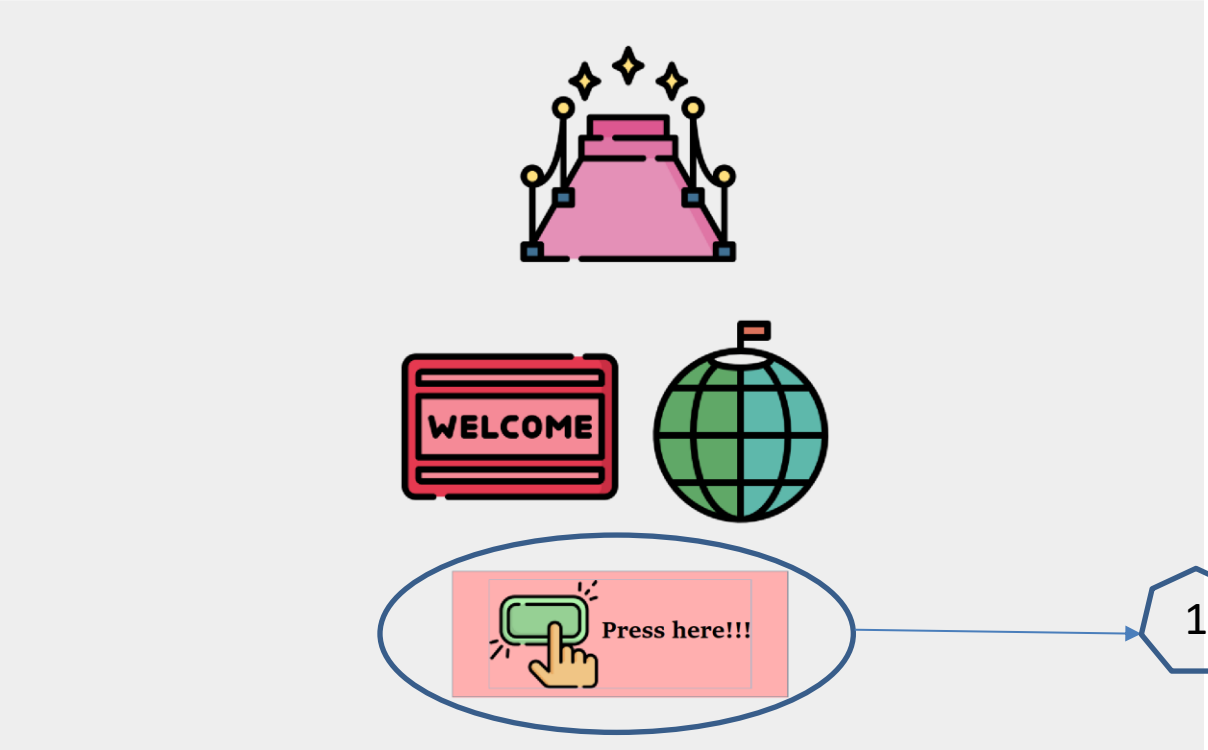
3. Program Description

This is the user manual of the program, to make it easier for our client. Here's show that our programs is very productive to use.

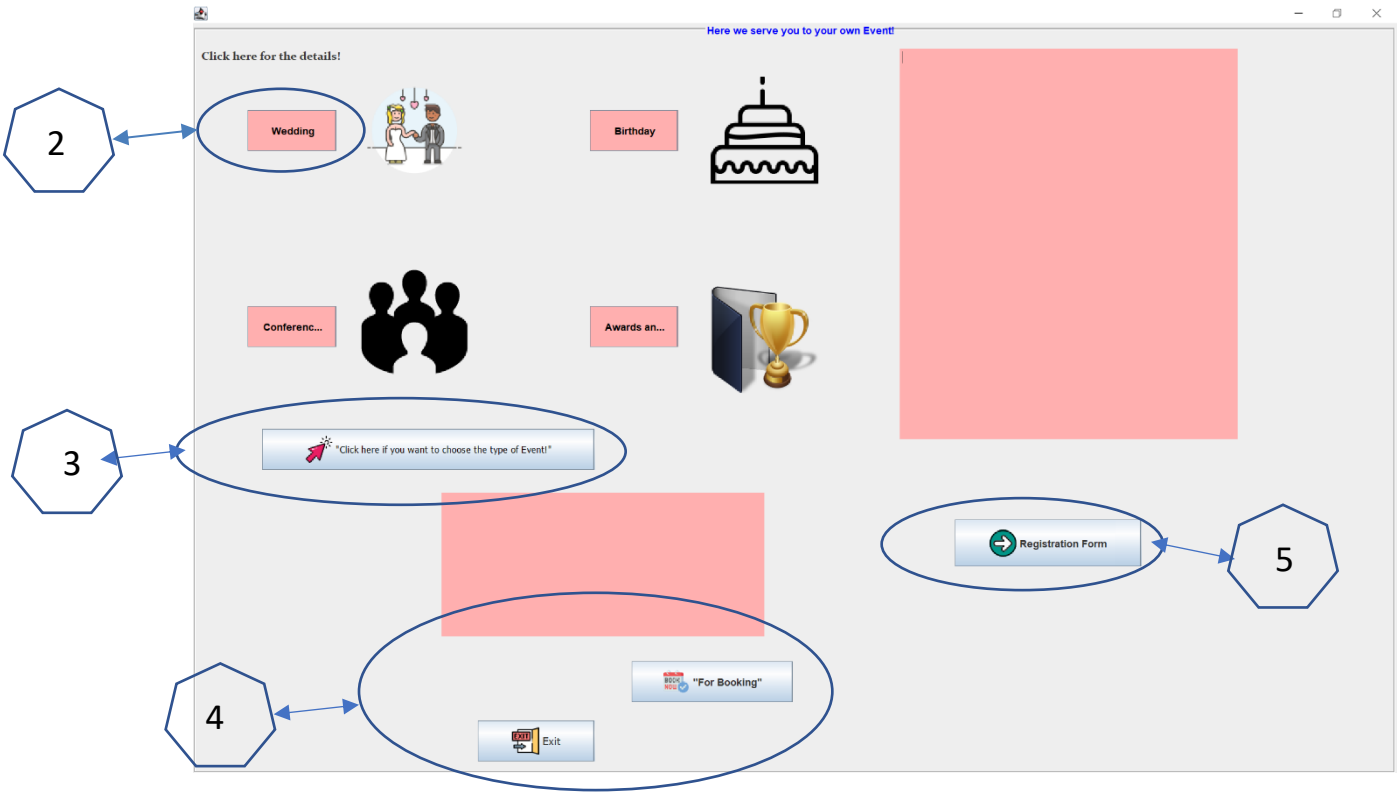
Information button:

1. Press here button: By clicking the button, client can go to the futher information.
2. Type of event button: If you want to know the details about the event.
3. Click here button: If you want to choose the event. You just clik the button.
4. Exit and booking button: For the client cancelation and for futher info.
5. Register button: By clicking the button, you can register using the form.
6. Text Area Panel: This part is where user can see the detail information of the event.
7. Message pop up: If event are not available. It will notify user a friendly message that the event is currently unavailable.

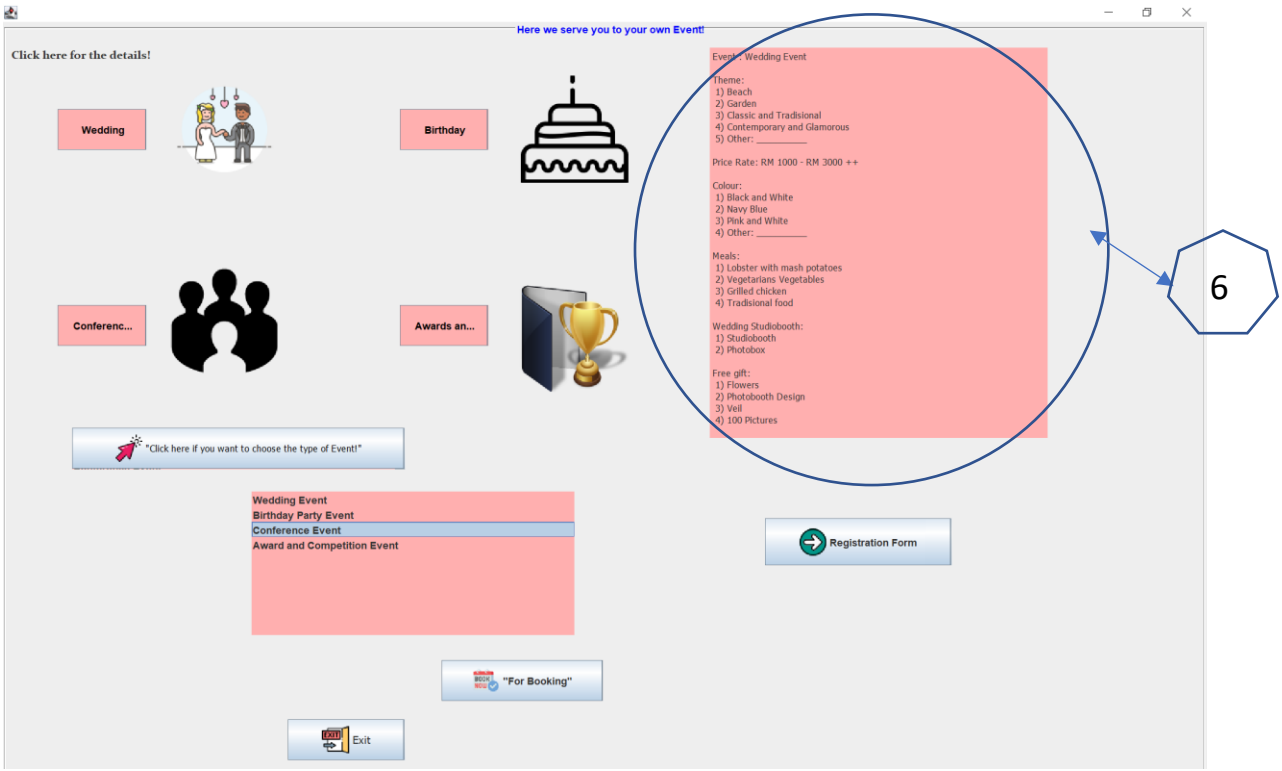
8. Various button option
    a. Add record: will add the input user key-in and choose.
    b. Reset: reset the user input.
    c. Delete: delete the data that user input after added in the table.
    d. Print: to print the table data.
    e. Exit: to go to the main interface.
    f. Next: for any inquiries
9. Inquiries: If you have any comment, any suggestions you just put all of your ideas inside the box.



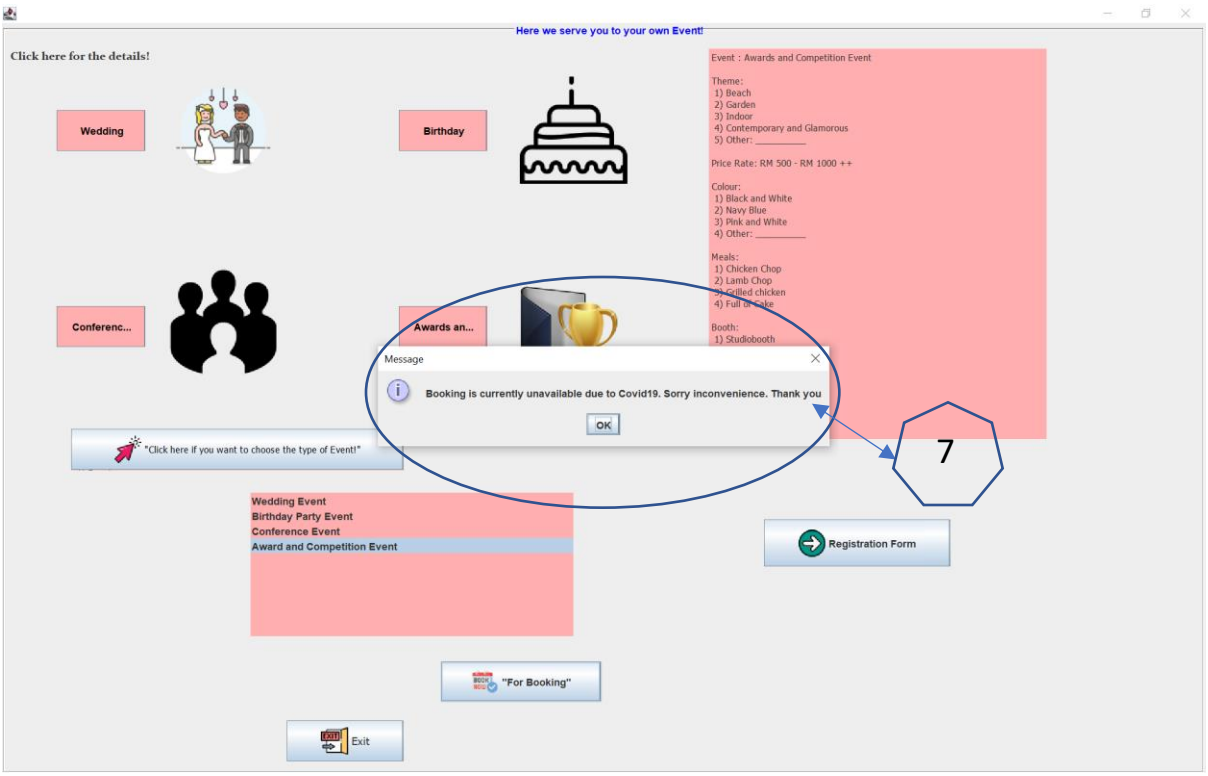
1.1 Welcoming page of our program. Just press the pink button to go to the others feature.



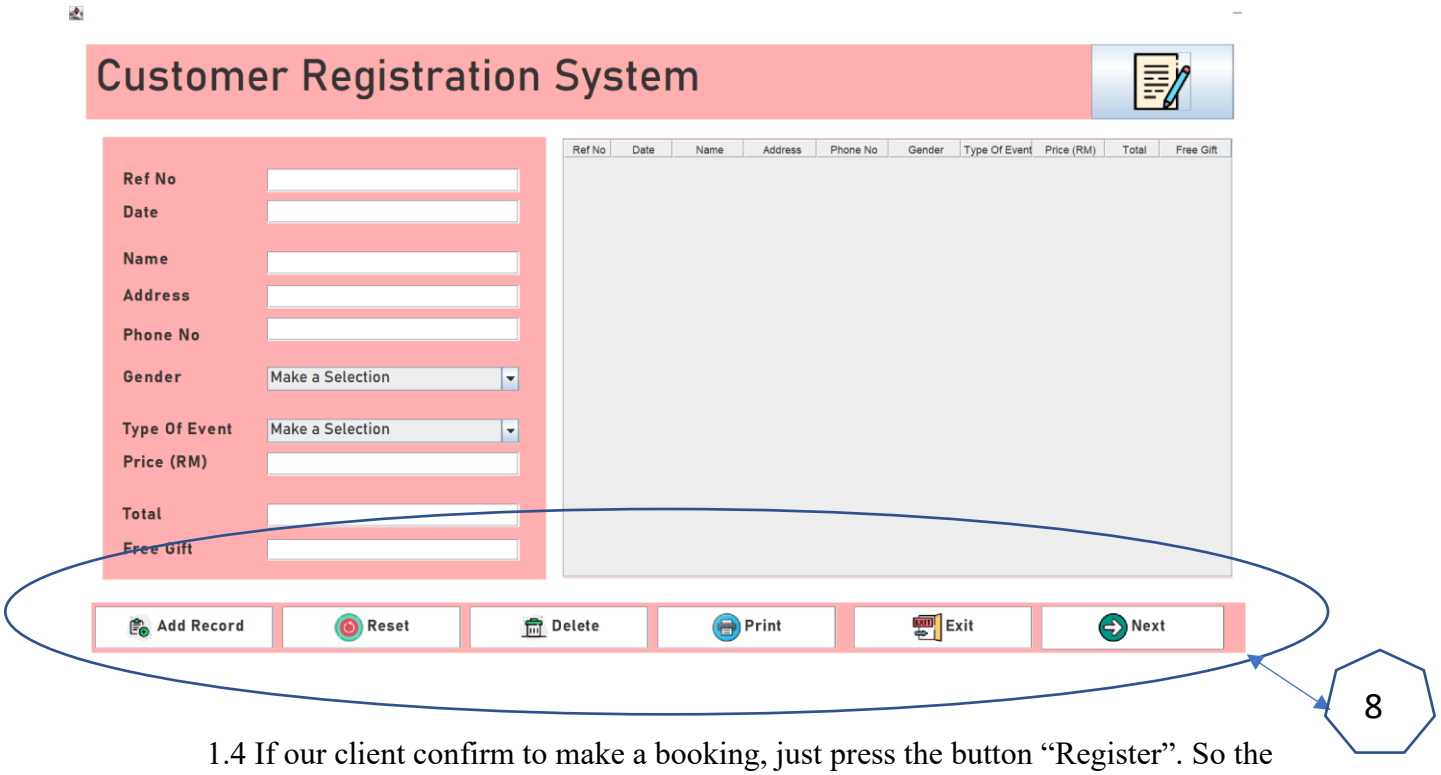
1.2 The features will show up the program catalog. So our client can choose the event.



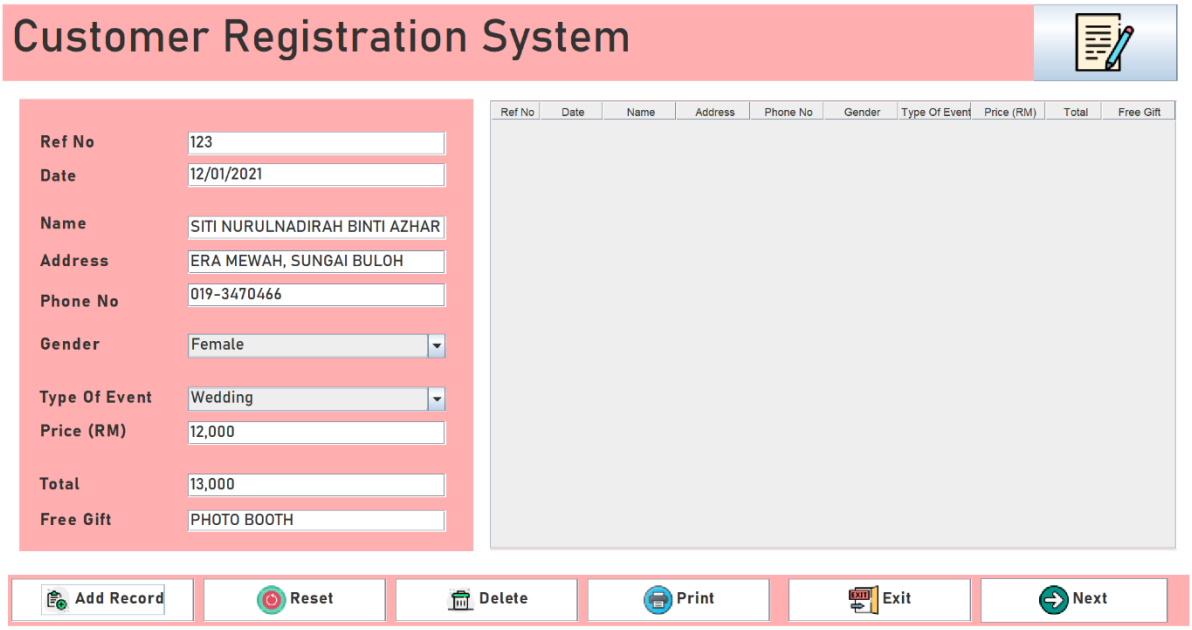
1.3 Just press the button either you want wedding or others and the details will pop up.



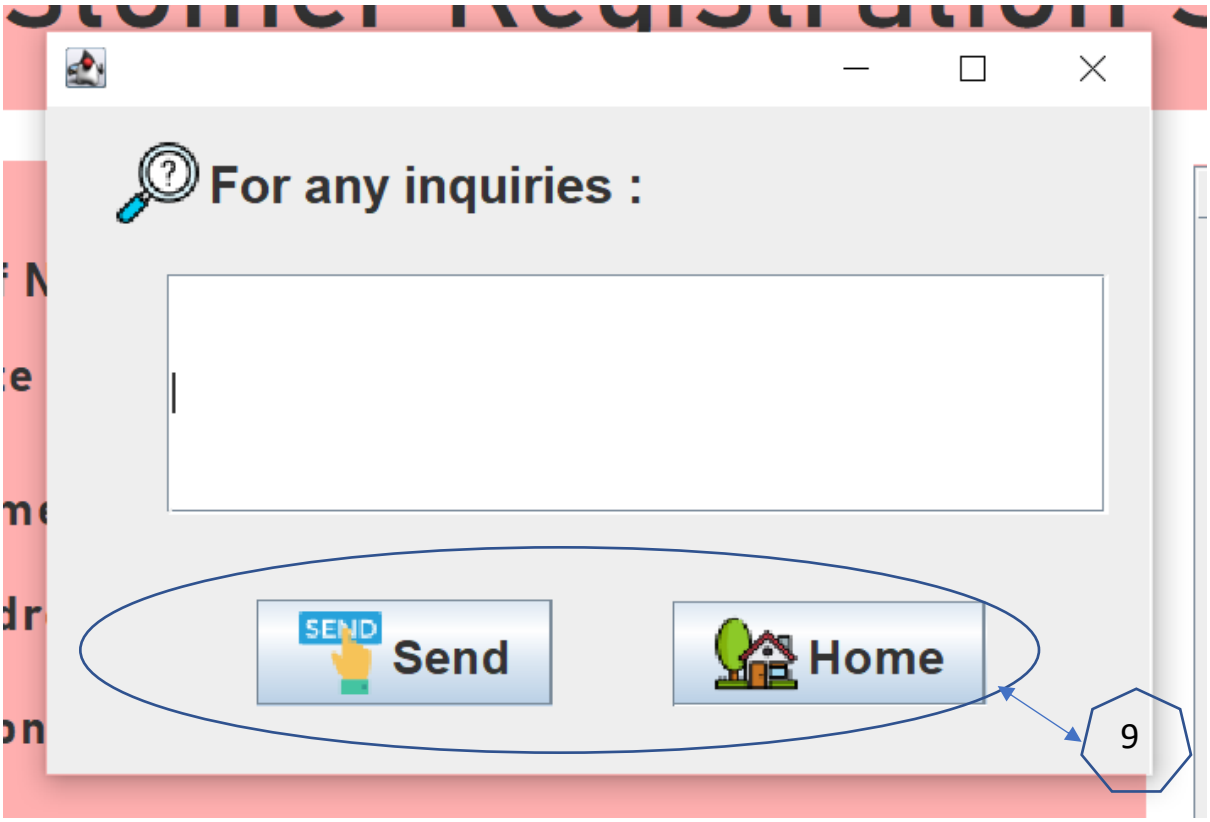
1.3 Due to the pandemic, any event could not be held.



1.4 If our client confirm to make a booking, just press the button “Register”. So the features will pop up.



1.5 Fill in the blanks and press the "Add Record" button. Press the button "Next" for any inquiries.



1.6 So here's the last features in our program. For any inquiries or any comment just sent here. Then you can press the button "Home" to go to the whole program.

4. Source code

4.1 EventHomepage

```
import java.awt.EventQueue;
import java.awt.Image;

import javax.swing.JFrame;
import javax.swing.JLabel;
import java.awt.BorderLayout;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.GroupLayout.Alignment;
import javax.swing.LayoutStyle.ComponentPlacement;
import java.awt.Color;
import java.awt.SystemColor;
import java.awt.Font;

public class EventHomepage {

	private JFrame frame;

	/**
	 * Launch the application.
	 */
```

```
public static void main(String[] args) {
	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				EventHomepage window = new EventHomepage();
				window.frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
 * Create the application.
 */
public EventHomepage() {
	initialize();
}

/**
 * Initialize the contents of the frame.
 */
private void initialize() {
	frame = new JFrame();
	frame.getContentPane().setForeground(Color.PINK);
	frame.setBounds(100, 100, 1510, 1121);
	frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

	JButton btnNewButton =  new JButton("Press here!!!");
```

```
		Image img = new ImageIcon(this.getClass().getResource("/button.png")).getImage();
		btnNewButton.setIcon(new ImageIcon(img));
		btnNewButton.setFont(new Font("Sitka Subheading", Font.BOLD, 30));
		btnNewButton.setBackground(Color.PINK);
		btnNewButton.setForeground(SystemColor.activeCaptionText);
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {

				EventGui EventGui = new EventGui();
				EventGui.setVisible(true);
				EventGui.toFront();

			}
		});

		JLabel lblNewLabel = new JLabel("");
		Image img1 = new ImageIcon(this.getClass().getResource("/welcoming.png")).getImage();
		lblNewLabel.setIcon(new ImageIcon(img1));

		JLabel lblNewLabel_1 = new JLabel("");
		Image img2 = new ImageIcon(this.getClass().getResource("/travel.png")).getImage();
		lblNewLabel_1.setIcon(new ImageIcon(img2));

		JLabel lblNewLabel_2 = new JLabel("");
		Image img3 = new ImageIcon(this.getClass().getResource("/redcarpet.png")).getImage();
		lblNewLabel_2.setIcon(new ImageIcon(img3));
		GroupLayout groupLayout = new GroupLayout(frame.getContentPane());
```

```
        groupLayout.setHorizontalGroup(
            groupLayout.createParallelGroup(Alignment.LEADING)
                .addGroup(groupLayout.createSequentialGroup()
                    .addGap(482)
                    .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 267, GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(ComponentPlacement.RELATED)
                    .addComponent(lblNewLabel_1)
                    .addGap(432))
                .addGroup(Alignment.TRAILING,
groupLayout.createSequentialGroup()
                    .addContainerGap(638, Short.MAX_VALUE)
                    .addComponent(lblNewLabel_2,
GroupLayout.PREFERRED_SIZE, 277, GroupLayout.PREFERRED_SIZE)
                    .addGap(544))
                .addGroup(Alignment.TRAILING,
groupLayout.createSequentialGroup()
                    .addContainerGap(558, Short.MAX_VALUE)
                    .addComponent(btnNewButton,
GroupLayout.PREFERRED_SIZE, 398, GroupLayout.PREFERRED_SIZE)
                    .addGap(503))
        );
        groupLayout.setVerticalGroup(
            groupLayout.createParallelGroup(Alignment.LEADING)
                .addGroup(Alignment.TRAILING,
groupLayout.createSequentialGroup()
                    .addContainerGap(23, Short.MAX_VALUE)
                    .addComponent(lblNewLabel_2,
GroupLayout.PREFERRED_SIZE, 340, GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(ComponentPlacement.RELATED)
```

```
        .addGroup(groupLayout.createParallelGroup(Alignment.LEADING)
                                        .addGroup(Alignment.TRAILING,
groupLayout.createSequentialGroup()
                                                .addGap(40)
                                                .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 214, GroupLayout.PREFERRED_SIZE)
                                                .addGap(46))
                                        .addGroup(groupLayout.createSequentialGroup()
                                                .addComponent(lblNewLabel_1,
GroupLayout.PREFERRED_SIZE, 282, GroupLayout.PREFERRED_SIZE)
                                                .addGap(18)))
                                .addGap(18)
                                .addComponent(btnNewButton,
GroupLayout.PREFERRED_SIZE, 150, GroupLayout.PREFERRED_SIZE)
                                .addGap(135))
                );
                frame.getContentPane().setLayout(groupLayout);
        }
}
```

4.2 EventGui

```
import java.awt.BorderLayout;
import java.awt.EventQueue;
import java.awt.Image;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.Color;
import java.awt.Component;
```

```
import javax.swing.border.TitledBorder;

import javax.swing.border.EtchedBorder;
import javax.swing.JList;
import javax.swing.JOptionPane;
import javax.management.relation.RoleList;
import javax.swing.AbstractButton;
import javax.swing.DefaultListModel;
import javax.swing.ImageIcon;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.lang.StackWalker.StackFrame;
import java.awt.event.ActionEvent;
import javax.swing.JTextPane;
import javax.swing.JComboBox;
import javax.swing.JTextField;
import java.awt.Font;
import javax.swing.JSplitPane;
import java.awt.SystemColor;


public class EventGui extends JFrame {

	private JPanel contentPane;
	private JTextField showF;

	/**
	 * Launch the application.
	 */
	public static void main(String[] args) {
```

```
		EventQueue.invokeLater(new Runnable() {
			public void run() {
				try {
					EventGui frame = new EventGui();
					frame.setVisible(true);
				} catch (Exception e) {
					e.printStackTrace();
				}
			}
		});
	}

	/**
	 * Create the frame.
	 */
	public EventGui() {
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		setBounds(100, 100, 1347, 1006);
		contentPane = new JPanel();
		contentPane.setBorder(new TitledBorder(new EtchedBorder(EtchedBorder.LOWERED, new Color(255, 255, 255), new Color(160, 160, 160)), "Here we serve you to your own Event!", TitledBorder.CENTER, TitledBorder.TOP, null, new Color(0, 0, 255)));
		setContentPane(contentPane);
		contentPane.setLayout(null);

		JTextPane textPane = new JTextPane();
		textPane.setFont(new Font("Tahoma", Font.PLAIN, 11));
		textPane.setBackground(Color.PINK);
		textPane.setBounds(846, 31, 404, 466);
		contentPane.add(textPane);
```

```
JButton WeddingButton = new JButton("Wedding");
WeddingButton.setBackground(Color.PINK);
WeddingButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
		textPane.setText("Event : Wedding Event\r\n"
				+ "\nTheme:\n 1) Beach\r\n"
				+ " 2) Garden\r\n"
				+ " 3) Classic and Tradisional\r\n"
				+ " 4) Contemporary and Glamorous\r\n"
				+ " 5) Other: _____\r\n"
				+ "\nPrice Rate: RM 1000 - RM 3000 ++\r\n"
				+ "\nColour:\n 1) Black and White\r\n"
				+ " 2) Navy Blue\r\n"
				+ " 3) Pink and White\r\n"
				+ " 4) Other: _____\r\n"
				+ "\nMeals:\n 1) Lobster with mash potatoes\r\n"
				+ " 2) Vegetarians Vegetables\r\n"
				+ " 3) Grilled chicken\r\n"
				+ " 4) Tradisional food\r\n"
				+ "\nWedding Studiobooth: \n 1) Studiobooth\r\n"
				+ " 2) Photobox\r\n"
				+ "\nFree gift: \n 1) Flowers\r\n"
				+ " 2) Photobooth Design\r\n"
				+ " 3) Veil\r\n"
				+ " 4) 100 Pictures");
	}
});
WeddingButton.setForeground(Color.BLACK);
```

```
WeddingButton.setBounds(66, 104, 106, 49);
contentPane.add(WeddingButton);

JButton BirthdayPartyEventButton = new JButton("Birthday");
BirthdayPartyEventButton.setBackground(Color.PINK);
BirthdayPartyEventButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
		textPane.setText("Event : Birthday Part Event\r\n"
				+ "\nTheme:\n 1) Beach\r\n"
				+ " 2) Garden\r\n"
				+ " 3) Halloween\r\n"
				+ " 4) Contemporary and Glamorous\r\n"
				+ " 5) Other: _____\r\n"
				+ "\nPrice Rate: RM 200 - RM 1000 ++\r\n"
				+ "\nColour:\n 1) Black and White\r\n"
				+ " 2) Navy Blue\r\n"
				+ " 3) Pink and White\r\n"
				+ " 4) Other: _____\r\n"
				+ "\nMeals:\n 1) Chicken Chop\r\n"
				+ " 2) Lamb Chop\r\n"
				+ " 3) Grilled chicken\r\n"
				+ " 4) Full of Cake\r\n"
				+ "\nBooth: \n 1) Studiobooth\r\n"
				+ " 2) Photobox\r\n"
				+ "\nFree gift: \n 1) Flowers\r\n"
				+ " 2) Doorgift\r\n"
				+ " 3) Price\r\n"
				+ " 4) 100 Pictures");
	}
});
BirthdayPartyEventButton.setForeground(Color.BLACK);
```

```
BirthdayPartyEventButton.setBounds(475, 104, 106, 49);
contentPane.add(BirthdayPartyEventButton);

JButton ConferencesEvent = new JButton("Conferences");
ConferencesEvent.setBackground(Color.PINK);
ConferencesEvent.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
		textPane.setText("Event : Conferences Event\r\n"
				+ "\nTheme:\n 1) Formal\r\n"
				+ " 2) Indoor\r\n"
				+ " 3) Outdoor\r\n"
				+ " 4) Other: _____\r\n"
				+ "\nPrice Rate: RM 200 - RM 1000 ++\r\n"
				+ "\nColour:\n 1) Black and White\r\n"
				+ " 2) Navy Blue\r\n"
				+ " 3) Pink and White\r\n"
				+ " 4) Other: _____\r\n"
				+ "\nMeals:\n 1) Chicken Chop\r\n"
				+ " 2) Lamb Chop\r\n"
				+ " 3) Grilled chicken\r\n");
	}
});
ConferencesEvent.setForeground(Color.BLACK);
ConferencesEvent.setBounds(66, 338, 106, 49);
contentPane.add(ConferencesEvent);

JButton AwardsandCompetitionEvent = new JButton("Awards and Competition");
AwardsandCompetitionEvent.setBackground(Color.PINK);
AwardsandCompetitionEvent.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
```

```
                textPane.setText("Event : Awards and Competition Event\r\n"
                        + "\nTheme:\n 1) Beach\r\n"
                        + " 2) Garden\r\n"
                        + " 3) Indoor\r\n"
                        + " 4) Contemporary and Glamorous\r\n"
                        + " 5) Other: _____\r\n"
                        + "\nPrice Rate: RM 500 - RM 1000 ++\r\n"
                        + "\nColour:\n 1) Black and White\r\n"
                        + " 2) Navy Blue\r\n"
                        + " 3) Pink and White\r\n"
                        + " 4) Other: _____\r\n"
                        + "\nMeals:\n 1) Chicken Chop\r\n"
                        + " 2) Lamb Chop\r\n"
                        + " 3) Grilled chicken\r\n"
                        + " 4) Full of Cake\r\n"
                        + "\nBooth: \n 1) Studiobooth\r\n"
                        + " 2) Photobox\r\n"
                        + "\nFree gift: \n 1) Flowers\r\n"
                        + " 2) Doorgift\r\n"
                        + " 3) Price\r\n"
                        + " 4) 100 Pictures");
        }
});
AwardsandCompetitionEvent.setForeground(Color.BLACK);
AwardsandCompetitionEvent.setBounds(475, 338, 106, 49);
contentPane.add(AwardsandCompetitionEvent);

JLabel lblNewLabel = new JLabel("Click here for the details!");
lblNewLabel.setFont(new Font("Constantia", Font.BOLD, 14));
lblNewLabel.setBounds(10, 31, 319, 23);
contentPane.add(lblNewLabel);
```

```
		JLabel lblNewLabel_1 = new JLabel("");
		Image img = new ImageIcon(this.getClass().getResource("/wedding.png")).getImage();
		lblNewLabel_1.setIcon(new ImageIcon(img));
		lblNewLabel_1.setBounds(201, 49, 156, 158);
		contentPane.add(lblNewLabel_1);

		JLabel lblNewLabel_2 = new JLabel("");
		Image img1 = new ImageIcon(this.getClass().getResource("/conference.png")).getImage();
		lblNewLabel_2.setIcon(new ImageIcon(img1));
		lblNewLabel_2.setBounds(201, 259, 234, 198);
		contentPane.add(lblNewLabel_2);

		JLabel lblNewLabel_3 = new JLabel("");
		Image img2 = new ImageIcon(this.getClass().getResource("/birthday.png")).getImage();
		lblNewLabel_3.setIcon(new ImageIcon(img2));
		lblNewLabel_3.setBounds(620, 49, 156, 158);
		contentPane.add(lblNewLabel_3);

		JLabel lblNewLabel_4 = new JLabel("");
		Image img3 = new ImageIcon(this.getClass().getResource("/award.png")).getImage();
		lblNewLabel_4.setIcon(new ImageIcon(img3));
		lblNewLabel_4.setBounds(620, 299, 156, 158);
		contentPane.add(lblNewLabel_4);

		JList list = new JList();
		list.setBackground(Color.PINK);
```

```
list.setBounds(298, 561, 386, 171);
contentPane.add(list);

JButton btnNewButton = new JButton("\"Click here if you want to choose the type of Event!\"");
Image img5 = new ImageIcon(this.getClass().getResource("/click.png")).getImage();
btnNewButton.setIcon(new ImageIcon(img5));
btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 11));
btnNewButton.setForeground(SystemColor.desktop);
btnNewButton.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		DefaultListModel DLM = new DefaultListModel ();
		DLM.addElement("Wedding Event");
		DLM.addElement("Birthday Party Event");
		DLM.addElement("Conference Event");
		DLM.addElement("Award and Competition Event");
		list.setModel(DLM);
	}
});
btnNewButton.setBounds(83, 485, 398, 49);
contentPane.add(btnNewButton);

JButton btnNewButton_1 = new JButton("\"For Booking\"");
Image img6 = new ImageIcon(this.getClass().getResource("/booking.png")).getImage();
btnNewButton_1.setIcon(new ImageIcon(img6));
btnNewButton_1.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {
		JOptionPane.showMessageDialog(contentPane,
```

```
                    "Booking is currently unavailable due to Covid19. Sorry
inconvenience. Thank you");
                }
            });
            btnNewButton_1.setBounds(525, 762, 193, 49);
            contentPane.add(btnNewButton_1);

            JButton btnNewButton_2 = new JButton("Exit");
            btnNewButton_2.setFont(new Font("Tahoma", Font.PLAIN, 13));
            Image img7 = new
ImageIcon(this.getClass().getResource("/exit.png")).getImage();
            btnNewButton_2.setIcon(new ImageIcon(img7));
            btnNewButton_2.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {

                    System.exit(0);
                }
            });
            btnNewButton_2.setBounds(341, 833, 140, 49);
            contentPane.add(btnNewButton_2);

            JButton btnNewButton_3 = new JButton("Registration Form");
            btnNewButton_3.addActionListener(new ActionListener() {
                public void actionPerformed(ActionEvent e) {
                    EventRegistration EventRegistration = new EventRegistration();
                    EventRegistration.setVisible(true);
                    EventRegistration.toFront();
                }

            });
```

```
                Image img4 = new
ImageIcon(this.getClass().getResource("/next.png")).getImage();
                btnNewButton_3.setIcon(new ImageIcon(img4));
                btnNewButton_3.setBounds(912, 593, 223, 56);
                contentPane.add(btnNewButton_3);



        }
}
```

4.3 EventRegistration

```
import java.awt.BorderLayout;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.border.MatteBorder;
import java.awt.Color;
import javax.swing.JLabel;
import javax.swing.JOptionPane;

import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JComboBox;
import javax.swing.JButton;
import javax.swing.JScrollBar;
import javax.swing.JScrollPane;
import javax.swing.JTable;

import javax.swing.table.DefaultTableModel;
```

```
import javax.swing.DefaultComboBoxModel;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.FlowLayout;
import java.awt.CardLayout;
import java.awt.GridLayout;

import java.awt.Image;

import java.awt.ScrollPane;


import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.ImageIcon;
import javax.swing.BoxLayout;
import javax.swing.SwingConstants;
import java.awt.SystemColor;
import javax.swing.ListSelectionModel;
import javax.swing.UIManager;

public class EventRegistration extends JFrame {

	private JPanel contentPane;
	private JFrame frame;
	private JTextField JtextFreeGift;
	private JTextField JtextTotal;
	private JTextField JtextPrice;
	private JTextField JtextAddress;
	private JTextField JtextPhoneNo;
	private JTextField JtextName;
	private JTextField JtextDate;
	private JTextField JtextRef;
```

```
private JTextField textField;
private JTable table;

/**
 * Launch the application.
 */
public static void main(String[] args) {
	EventQueue.invokeLater(new Runnable() {
		public void run() {
			try {
				EventRegistration frame = new EventRegistration();
				frame.setVisible(true);
			} catch (Exception e) {
				e.printStackTrace();
			}
		}
	});
}

/**
 * Create the frame.
 */

public EventRegistration() {
	setBackground(Color.WHITE);
	setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
	setBounds(0, 0, 1558, 1019);
	contentPane = new JPanel();
	contentPane.setBackground(Color.CYAN);
	setContentPane(contentPane);
	contentPane.setLayout(new CardLayout(0, 0));
```

```
JPanel panel = new JPanel();
panel.setBackground(Color.WHITE);
contentPane.add(panel, "name_401326015008200");
panel.setLayout(null);

JPanel title_1 = new JPanel();
title_1.setBounds(21, 24, 1139, 85);
panel.add(title_1);
title_1.setBorder(new MatteBorder(10, 10, 10, 10, (Color) null));
title_1.setBackground(Color.PINK);
title_1.setLayout(new BorderLayout(0, 0));

JLabel titleLabel = new JLabel("\t\t\t\tCustomer Registration System");
titleLabel.setBackground(new Color(240, 240, 240));
titleLabel.setFont(new Font("Bahnschrift", Font.PLAIN, 50));
title_1.add(titleLabel, BorderLayout.CENTER);

JLabel lblNewLabel = new JLabel("");
title_1.add(lblNewLabel, BorderLayout.EAST);
lblNewLabel.setForeground(Color.PINK);

JPanel panel_1_1 = new JPanel();
panel_1_1.setLayout(null);
panel_1_1.setBorder(new MatteBorder(9, 9, 9, 9, (Color) Color.WHITE));
panel_1_1.setBackground(Color.PINK);
panel_1_1.setBounds(31, 120, 519, 517);
panel.add(panel_1_1);

JLabel lblRef = new JLabel("Ref No");
lblRef.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblRef.setBounds(31, 45, 140, 27);
```

```
panel_1_1.add(lblRef);

JLabel lblDate = new JLabel("Date");
lblDate.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblDate.setBounds(31, 82, 140, 27);
panel_1_1.add(lblDate);

JtextName = new JTextField();
JtextName.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextName.setColumns(10);
JtextName.setBounds(195, 423, 285, 26);
panel_1_1.add(JtextName);

JtextAddress = new JTextField();
JtextAddress.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextAddress.setColumns(10);
JtextAddress.setBounds(195, 365, 285, 26);
panel_1_1.add(JtextAddress);

JtextPhoneNo = new JTextField();
JtextPhoneNo.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextPhoneNo.setColumns(10);
JtextPhoneNo.setBounds(195, 213, 285, 26);
panel_1_1.add(JtextPhoneNo);

JtextPrice = new JTextField();
JtextPrice.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextPrice.setColumns(10);
JtextPrice.setBounds(195, 176, 285, 26);
panel_1_1.add(JtextPrice);
```

```
JtextTotal = new JTextField();
JtextTotal.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextTotal.setColumns(10);
JtextTotal.setBounds(195, 138, 285, 26);
panel_1_1.add(JtextTotal);

JtextFreeGift = new JTextField();
JtextFreeGift.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextFreeGift.setColumns(10);
JtextFreeGift.setBounds(195, 80, 285, 26);
panel_1_1.add(JtextFreeGift);

JtextRef = new JTextField();
JtextRef.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
JtextRef.setColumns(10);
JtextRef.setBounds(195, 45, 285, 26);
panel_1_1.add(JtextRef);

JLabel lblName = new JLabel("Name");
lblName.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblName.setBounds(31, 135, 154, 27);
panel_1_1.add(lblName);

JLabel lblPassport = new JLabel("Gender");
lblPassport.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblPassport.setBounds(31, 268, 154, 27);
panel_1_1.add(lblPassport);

JLabel lblCarModel = new JLabel("Address");
lblCarModel.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblCarModel.setBounds(31, 176, 140, 27);
```

```
panel_1_1.add(lblCarModel);

JLabel lblNewLabel_1_2 = new JLabel("Phone No");
lblNewLabel_1_2.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblNewLabel_1_2.setBounds(31, 221, 140, 27);
panel_1_1.add(lblNewLabel_1_2);

JLabel lblMonthlyInstallments = new JLabel("Type Of Event");
lblMonthlyInstallments.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblMonthlyInstallments.setBounds(31, 327, 140, 27);
panel_1_1.add(lblMonthlyInstallments);

JLabel lblNewLabel_1_3 = new JLabel("Price (RM)");
lblNewLabel_1_3.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblNewLabel_1_3.setBounds(31, 364, 140, 27);
panel_1_1.add(lblNewLabel_1_3);

JLabel lblPrice = new JLabel("Total");
lblPrice.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblPrice.setBounds(31, 423, 140, 27);
panel_1_1.add(lblPrice);

JLabel lblNewLabel_1_4 = new JLabel("Free Gift");
lblNewLabel_1_4.setFont(new Font("Bahnschrift", Font.BOLD, 19));
lblNewLabel_1_4.setBounds(31, 462, 79, 27);
panel_1_1.add(lblNewLabel_1_4);

JComboBox cmbTypeOfEvent = new JComboBox();
cmbTypeOfEvent.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
cmbTypeOfEvent.setModel(new DefaultComboBoxModel(new String[] {"Make a Selection", "Wedding", "Birthday Party", "Conferences", "Award and Competitions"}));
```

```
		cmbTypeOfEvent.setBounds(195, 327, 285, 27);
		panel_1_1.add(cmbTypeOfEvent);

		JComboBox cmbGender = new JComboBox();
		cmbGender.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
		cmbGender.setModel(new DefaultComboBoxModel(new String[] {"Make a Selection", "Male", "Female"}));
		cmbGender.setBounds(195, 268, 285, 27);
		panel_1_1.add(cmbGender);

		textField = new JTextField();
		textField.setFont(new Font("Bahnschrift", Font.PLAIN, 18));
		textField.setBounds(195, 463, 285, 24);
		panel_1_1.add(textField);
		textField.setColumns(10);

		JPanel panel_1_2 = new JPanel();
		panel_1_2.setLayout(null);
		panel_1_2.setBorder(new MatteBorder(6, 6, 6, 6, (Color) Color.WHITE));
		panel_1_2.setBackground(Color.PINK);
		panel_1_2.setBounds(21, 648, 1317, 69);
		panel.add(panel_1_2);

		JButton btnNewButton = new JButton("Add Record");
		Image img = new ImageIcon(this.getClass().getResource("/add.png")).getImage();
		btnNewButton.setIcon(new ImageIcon(img));
		btnNewButton.setBackground(Color.WHITE);
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed1(ActionEvent e) {
```

```
                    DefaultTableModel model = (DefaultTableModel) table.getModel();
                    model.addRow(new Object[]{
                            JtextRef.getText(),
                            JtextDate.getText(),
                            JtextName.getText(),
                            JtextAddress.getText(),
                            JtextPhoneNo.getText(),
                            cmbGender.getSelectedItem(),
                            cmbTypeOfEvent.getSelectedItem(),
                            JtextPrice.getText(),
                            JtextTotal.getText(),
                            JtextFreeGift.getText(),

            });

                if (table.getSelectedRow() == -1){
                    if (table.getRowCount() == 0){
                        JOptionPane.showMessageDialog(null, "Registration Update is Confirmed", "Customer Registration Form",
                    JOptionPane.OK_OPTION);
                    }
                }
            }

                @Override
                public void actionPerformed(ActionEvent e) {
                    // TODO Auto-generated method stub

                }
```

```
        });
        btnNewButton.setFont(new Font("Bahnschrift", Font.BOLD, 18));
        btnNewButton.setBounds(10, 11, 202, 47);
        panel_1_2.add(btnNewButton);

        JButton btnNewButton_1 = new JButton("Reset");
        Image img1 = new
ImageIcon(this.getClass().getResource("/reset.png")).getImage();
        btnNewButton_1.setIcon(new ImageIcon(img1));
        btnNewButton_1.setBackground(Color.WHITE);
        btnNewButton_1.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                    JtextRef.setText("");
                    JtextDate.setText("");
                    JtextName.setText("");
                    JtextAddress.setText("");
                    JtextPhoneNo.setText("");
                    cmbGender.setSelectedItem("Make a Selection");
                    cmbTypeOfEvent.setSelectedItem("Make a Selection");
                    JtextPrice.setText("");
                    JtextTotal.setText("");
                    JtextFreeGift.setText("");

            }

        });
        btnNewButton_1.setFont(new Font("Bahnschrift", Font.BOLD, 18));
        btnNewButton_1.setBounds(222, 11, 202, 47);
        panel_1_2.add(btnNewButton_1);

        JButton btnNewButton_2 = new JButton("Delete");
```

```
Image img2 = new ImageIcon(this.getClass().getResource("/bin.png")).getImage();
btnNewButton_2.setIcon(new ImageIcon(img2));
btnNewButton_2.setBackground(Color.WHITE);
btnNewButton_2.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {

DefaultTableModel model = (DefaultTableModel) table.getModel();
if (table.getSelectedRow() == -1){
	if (table.getRowCount() == 0){
		JOptionPane.showMessageDialog(null, "No data to delete", "Customer Registration System", JOptionPane.OK_OPTION);

	}else {

		JOptionPane.showMessageDialog(null, "Select a row to delete", "Customer Registration System", JOptionPane.OK_OPTION);
	}

}else {
	model.removeRow(table.getSelectedRow());
}
	}
});
btnNewButton_2.setFont(new Font("Bahnschrift", Font.BOLD, 18));
btnNewButton_2.setBounds(434, 11, 202, 47);
panel_1_2.add(btnNewButton_2);

JButton btnNewButton_3 = new JButton("Print");
Image img3 = new ImageIcon(this.getClass().getResource("/print.png")).getImage();
```

```
btnNewButton_3.setIcon(new ImageIcon(img3));
btnNewButton_3.setBackground(Color.WHITE);
btnNewButton_3.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent arg0) {
		try {
			table.print();
		}
		catch (java.awt.print.PrinterException e) {
			System.err.format("No Printer found", e.getMessage());
		}
	}
});
btnNewButton_3.setFont(new Font("Bahnschrift", Font.BOLD, 18));
btnNewButton_3.setBounds(646, 11, 202, 47);
panel_1_2.add(btnNewButton_3);

JButton btnNewButton_4 = new JButton("Exit");
Image img4 = new ImageIcon(this.getClass().getResource("/exit.png")).getImage();
btnNewButton_4.setIcon(new ImageIcon(img4));
btnNewButton_4.setBackground(Color.WHITE);
btnNewButton_4.addActionListener(new ActionListener() {
	public void actionPerformed(ActionEvent e) {

		frame = new JFrame();
		if (JOptionPane.showConfirmDialog(frame, "Confirm if you wants to exit", "Customer Registration System",
				JOptionPane.YES_NO_OPTION) == JOptionPane.YES_NO_OPTION) {
		System.exit(0);
		}
```

```
            }
        });
        btnNewButton_4.setFont(new Font("Bahnschrift", Font.BOLD, 18));
        btnNewButton_4.setBounds(868, 11, 202, 47);
        panel_1_2.add(btnNewButton_4);

        JButton btnNewButton_6 = new JButton("Next");
        btnNewButton_6.setBackground(Color.WHITE);
        btnNewButton_6.setFont(new Font("Bahnschrift", Font.BOLD, 18));
        Image img5 = new
ImageIcon(this.getClass().getResource("/next.png")).getImage();
        btnNewButton_6.setIcon(new ImageIcon(img5));
        btnNewButton_6.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {

                EventInputOutput InputOutput = new EventInputOutput();
                InputOutput.setVisible(true);
                InputOutput.toFront();
            }
        });
        btnNewButton_6.setBounds(1080, 10, 207, 49);
        panel_1_2.add(btnNewButton_6);

        JPanel panel_1_1_1 = new JPanel();
        panel_1_1_1.setBounds(550, 120, 778, 517);
        panel.add(panel_1_1_1);
        panel_1_1_1.setLayout(null);
        panel_1_1_1.setBorder(new MatteBorder(10, 10, 10, 10, (Color) Color.WHITE));
        panel_1_1_1.setBackground(Color.PINK);

        JScrollPane scrollPane = new JScrollPane();
```

```
		scrollPane.setBounds(10, 11, 758, 495);
		panel_1_1_1.add(scrollPane);

		table = new JTable();
		table.setModel(new DefaultTableModel(
			new Object[][] {
			},
			new String[] {
				"Ref No", "Date", "Name", "Address", "Phone No", "Gender",
"Type Of Event", "Price (RM)", "Total", "Free Gift"
			}
		));
		table.getColumnModel().getColumn(0).setPreferredWidth(47);
		table.getColumnModel().getColumn(1).setPreferredWidth(62);
		table.getColumnModel().getColumn(8).setPreferredWidth(55);
		scrollPane.setViewportView(table);

		JButton btnNewButton_5 = new JButton("");
		Image img6 = new
ImageIcon(this.getClass().getResource("/form.png")).getImage();
		btnNewButton_5.setIcon(new ImageIcon(img6));
		btnNewButton_5.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {

			}
		});
		btnNewButton_5.setBounds(1158, 24, 161, 85);
		panel.add(btnNewButton_5);

	}
}
```

4.4 EventInputOutput

```
import java.awt.EventQueue;

import javax.swing.JFrame;

import java.awt.BorderLayout;
import java.io.*;
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.JPanel;
import javax.swing.border.EmptyBorder;
import javax.swing.JLabel;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Font;
import java.awt.Image;
import java.awt.Color;
import java.awt.FlowLayout;
import javax.swing.GroupLayout;
import javax.swing.ImageIcon;
import javax.swing.GroupLayout.Alignment;
import javax.swing.LayoutStyle.ComponentPlacement;

public class EventInputOutput extends JFrame {

	private JPanel contentPane;
	private JTextField textField;
```

```
	/**
	 * Create the frame.
	 */
	public EventInputOutput() {
		setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
		setBounds(100, 100, 450, 300);
		contentPane = new JPanel();
		contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
		setContentPane(contentPane);

		JLabel lblNewLabel = new JLabel("For any inquiries :");
		Image img = new ImageIcon(this.getClass().getResource("/education.png")).getImage();
		lblNewLabel.setIcon(new ImageIcon(img));
		lblNewLabel.setFont(new Font("Traditional Arabic", Font.BOLD, 20));

		textField = new JTextField();
		textField.setForeground(Color.BLACK);
		textField.setColumns(10);

		JButton btnNewButton = new JButton("Send");
		Image img1 = new ImageIcon(this.getClass().getResource("/send.png")).getImage();
		btnNewButton.setIcon(new ImageIcon(img1));
		btnNewButton.setFont(new Font("Traditional Arabic", Font.BOLD, 19));
		btnNewButton.addActionListener(new ActionListener() {
			public void actionPerformed(ActionEvent e) {
				try {
					String word = textField.getText();
```

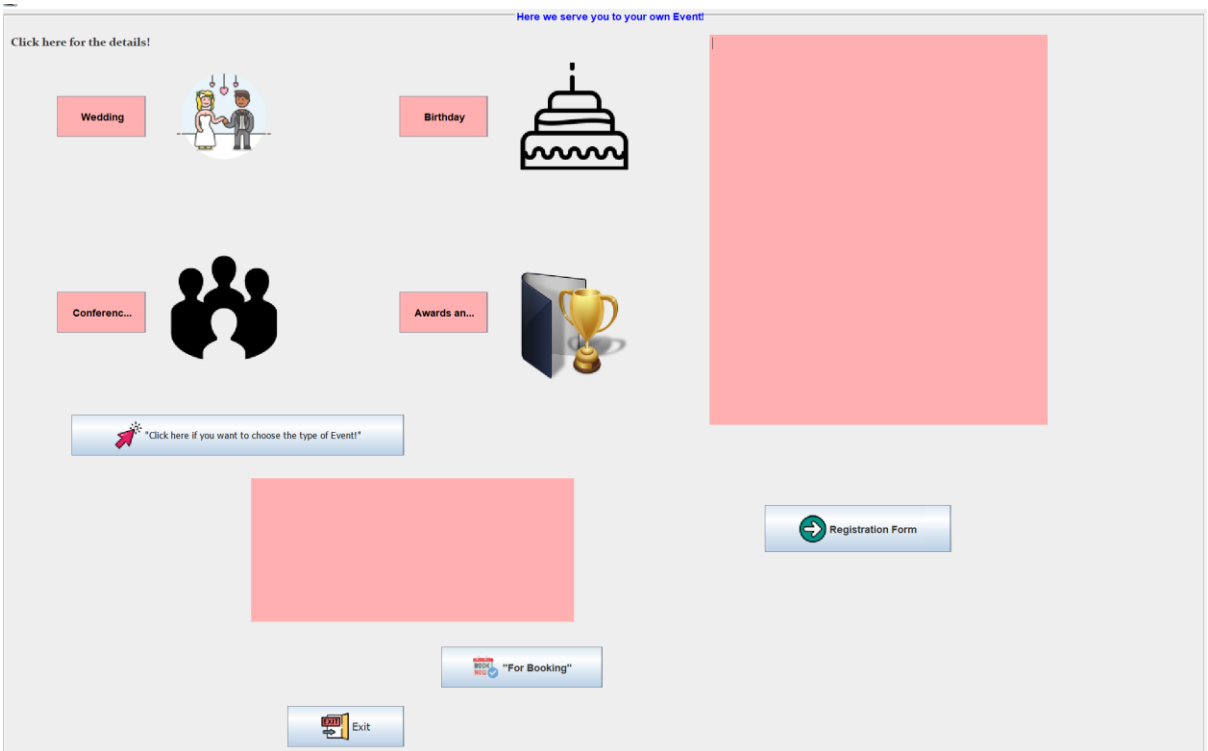
```
                    FileWriter stream = new
FileWriter("C:\\Users\\Public\\Documents\\file.txt");
                    BufferedWriter out = new BufferedWriter (stream);
                    out.write(word);
                    out.close();
                } catch (Exception ex) {}
            }
        });

        JButton btnNewButton_1 = new JButton("Home");
        btnNewButton_1.setFont(new Font("Dialog", Font.BOLD, 19));
        Image img2 = new
ImageIcon(this.getClass().getResource("/house.png")).getImage();
        btnNewButton_1.setIcon(new ImageIcon(img2));
        btnNewButton_1.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
            }
        });
        GroupLayout gl_contentPane = new GroupLayout(contentPane);
        gl_contentPane.setHorizontalGroup(
            gl_contentPane.createParallelGroup(Alignment.LEADING)
                .addGroup(gl_contentPane.createSequentialGroup()

    .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                        .addGroup(gl_contentPane.createSequentialGroup()
                            .addGap(23)
                            .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 218, GroupLayout.PREFERRED_SIZE))
                        .addGroup(gl_contentPane.createSequentialGroup()
                            .addGap(43)
```

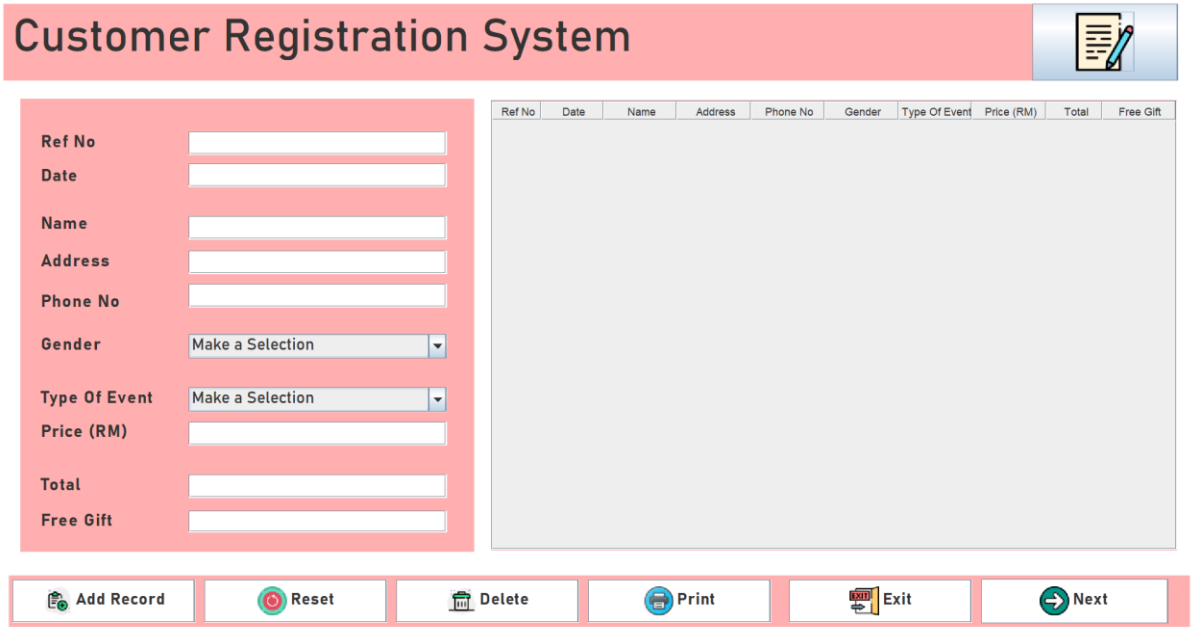
```
        .addGroup(gl_contentPane.createParallelGroup(Alignment.LEADING)
                                                        .addComponent(textField,
GroupLayout.DEFAULT_SIZE, 373, Short.MAX_VALUE)

        .addGroup(gl_contentPane.createSequentialGroup()
                                                            .addGap(35)

        .addComponent(btnNewButton)
                                                            .addGap(47)

        .addComponent(btnNewButton_1)))))
                                    .addContainerGap())
            );
            gl_contentPane.setVerticalGroup(
                    gl_contentPane.createParallelGroup(Alignment.LEADING)
                            .addGroup(gl_contentPane.createSequentialGroup()
                                    .addGap(8)
                                    .addComponent(lblNewLabel,
GroupLayout.PREFERRED_SIZE, 35, GroupLayout.PREFERRED_SIZE)
                                    .addGap(18)
                                    .addComponent(textField,
GroupLayout.PREFERRED_SIZE, 95, GroupLayout.PREFERRED_SIZE)
                                    .addPreferredGap(ComponentPlacement.RELATED,      34,
Short.MAX_VALUE)

        .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                                            .addComponent(btnNewButton)
                                            .addComponent(btnNewButton_1,
GroupLayout.PREFERRED_SIZE, 41, GroupLayout.PREFERRED_SIZE))
                                    .addGap(22))
```

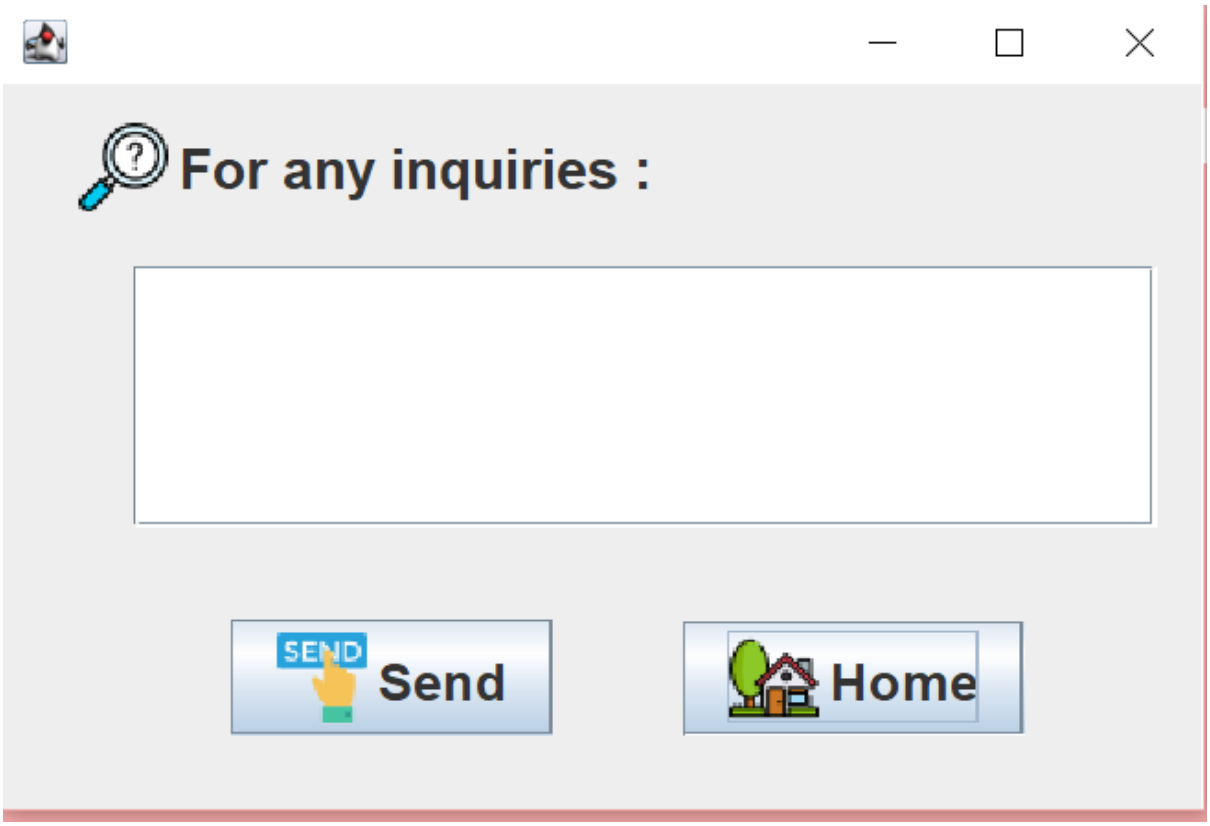
```
		);
		contentPane.setLayout(gl_contentPane);
	}

		/**
		 * Launch the application.
		 */
		public static void main(String[] args) {
			EventQueue.invokeLater(new Runnable() {
				public void run() {
					try {
						EventInputOutput gui = new EventInputOutput();
						gui.setVisible(true);
					} catch (Exception e) {
						e.printStackTrace();
					}
				}
			});
		}
}
```

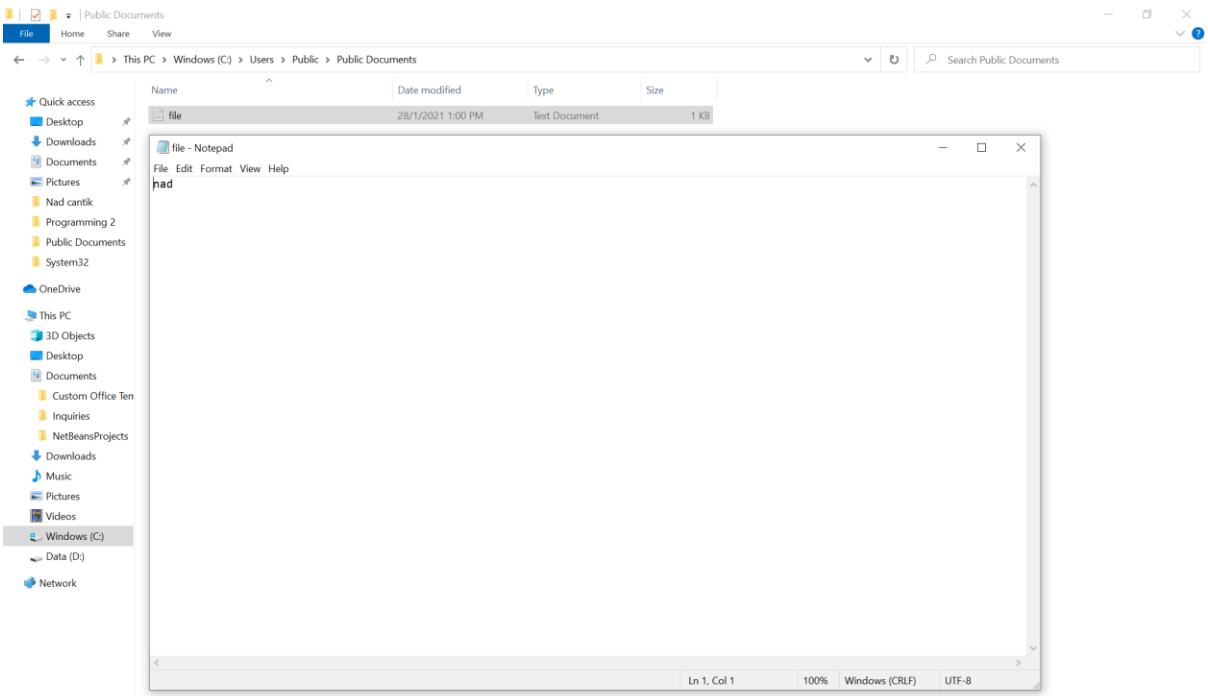
5. Sample run

WELCOME
Press here!!!


Here we serve you to your own Event!
Click here for the details!
Wedding
Birthday
Conferenc...
Awards an...
"Click here if you want to choose the type of Event!"
Registration Form
"For Booking"
Exit


Customer Registration System
Ref No
Date
Name
Address
Phone No
Gender
Make a Selection
Type Of Event
Make a Selection
Price (RM)
Total
Free Gift
Ref No
Date
Name
Address
Phone No
Gender
Type Of Event
Price (RM)
Total
Free Gift
Add Record
Reset
Delete
Print
Exit
Next


For any inquiries :
SEND
Send
Home


Public Documents
File
Home
Share
View
This PC > Windows (C:) > Users > Public > Public Documents
Search Public Documents
Quick access
Desktop
Downloads
Documents
Pictures
Nad cantik
Programming 2
Public Documents
System32
OneDrive
This PC
3D Objects
Desktop
Documents
Custom Office Ten
Inquiries
NetBeansProjects
Downloads
Music
Pictures
Videos
Windows (C:)
Data (D:)
Network
Name
Date modified
Type
Size
file
28/1/2021 1:00 PM
Text Document
1 KB
file - Notepad
File Edit Format View Help
nad
Ln 1, Col 1
100%
Windows (CRLF)
UTF-8