



**A202 STIA1123 PROGRAMMING 2 GROUP C**

**SEMESTER 2 SESSION 2020/2021 (A202)**

**PROJECT: TOURISM BUSINESS**

**LECTURER: PROF. MADYA. DR AZMAN B YASIN**

**GROUP 5:**

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5.	MOHAMAD AKMAL BIN ZULKEFLE	280812
6.	NADZIRAH BINTI MOKHTAR	282051

## **1.0 BACKGROUND OF THE PROJECT**

### **RESTAURANT**

The Crowne Restaurant is owned by Muhammad Ikram Hazim. This company began in 2021. For your information, this restaurant is located at the Pantai Cenang, Pulau Langkawi. Our restaurant theme is classic and retro, so anyone interested in classic and retro we promise a restaurant environment that can evoke your past memories. The purpose of our company was established to provide employment opportunities and develop our company's business. Our restaurant mission is to serve high quality food and maintain a clean and comfortable. Our vision is to be the best restaurant service in the country. We have 8 employees, such as two chefs and waiters, one cashier and three workers. Our main menu here is western food such as spaghetti, burger and chicken chop. Tourists that come to Pulau Langkawi who want to taste western cuisine can come to Crowne Restaurant. If you have a question or more information about us, you can contact us via contact number: 0175882774 or website : [www.CrowneRestaurantHotel.com](http://www.CrowneRestaurantHotel.com).

### **TOURISM BUSINESS COMPANY**

WEE TOURISM ENTERPRISE is owned by Ornrakwee Suvanptum. This company has been started in 2021. This company is located at Pantai Cenang, Pulau Langkawi. This is address for easy to find the company “No252, Jalan Bunga Mawar 07000, Pantai Cenang Langkawi, Kedah”. Our company is provide services to the customers which is the tourists. The services that give to the customers is our holidays package. For the started our company has provide two package which is “Single Package” and “Family Package”. In our package our company have provide the best activities to attracting the customers. This company have 10 employees which 3 Customer Services, 2 Computer System, 2 Security, 2 Supervisor and 1 Management officer. Moreover, our company have provide a system that can key in all the employees and customers information. The customers can contact our company through telephone number “04-4550493” or through website “[www.weetourism.com.my](http://www.weetourism.com.my)”.

## **DESTINATIONS**

Destination Services Sdn.Bhd is one of reputed tourism agencies in Malaysia owned by Nadzirah binti Mokhtar. Our journey of excellence was started from year of 2011. The purpose of our company are to providing exceptional packages and car rental for our tourists to their travelling experience. We have 10 employees such as supervisor, 2 receptionist, 2 management officer, 2 account and 3 drivers. Moreover, we also provide a system page that can facilitate the employee and customer data. Manually maintained files have the possibility of getting misplaced or even destroyed in unforeseen circumstances. So this system page will storing all the customer data in the system. The company placed in Langkawi Kedah. Our company location is nearly the beach and forest which address at No, 949 Pulau Matsirat, 08100 Langkawi Kedah Darul Aman. Our email <http://www.langkawi@services.com>. Tourists can contact us by this number 04-555 9999 / 04-666 8101 to get the details information about our company and for the customer registration.

## **TRAVEL & TRANSPORT**

Mirae Travel&Transport is owned by Mohamad Akmal Bin Zulkefle. This company was established in June 2021. This company is located at the Pantai Cenang, Pulau Langkawi. The purpose of this company was established to take another step forward to advance this company's business and it will provide many job opportunities to the local. This company will provide the best service in the town when it comes to rental services and travelling services. This company only had one mission and it is to become the best company in Malaysia to provide rental and travelling services. This company have 10 employees, such as one secretary, one accountant and two drivers. Whoever that come to Pulau Langkawi want to rent any vehicle or booking travelling packages can come to Mirae Travel&Transport. If you have any problem or want more information about this company, you can contact us at 04-924 2944 / fax us at 04-924 9244 or you can visit out website at [WWW.MIRAE TRAVEL.COM](http://WWW.MIRAE TRAVEL.COM) .

## **FEEDBACK**

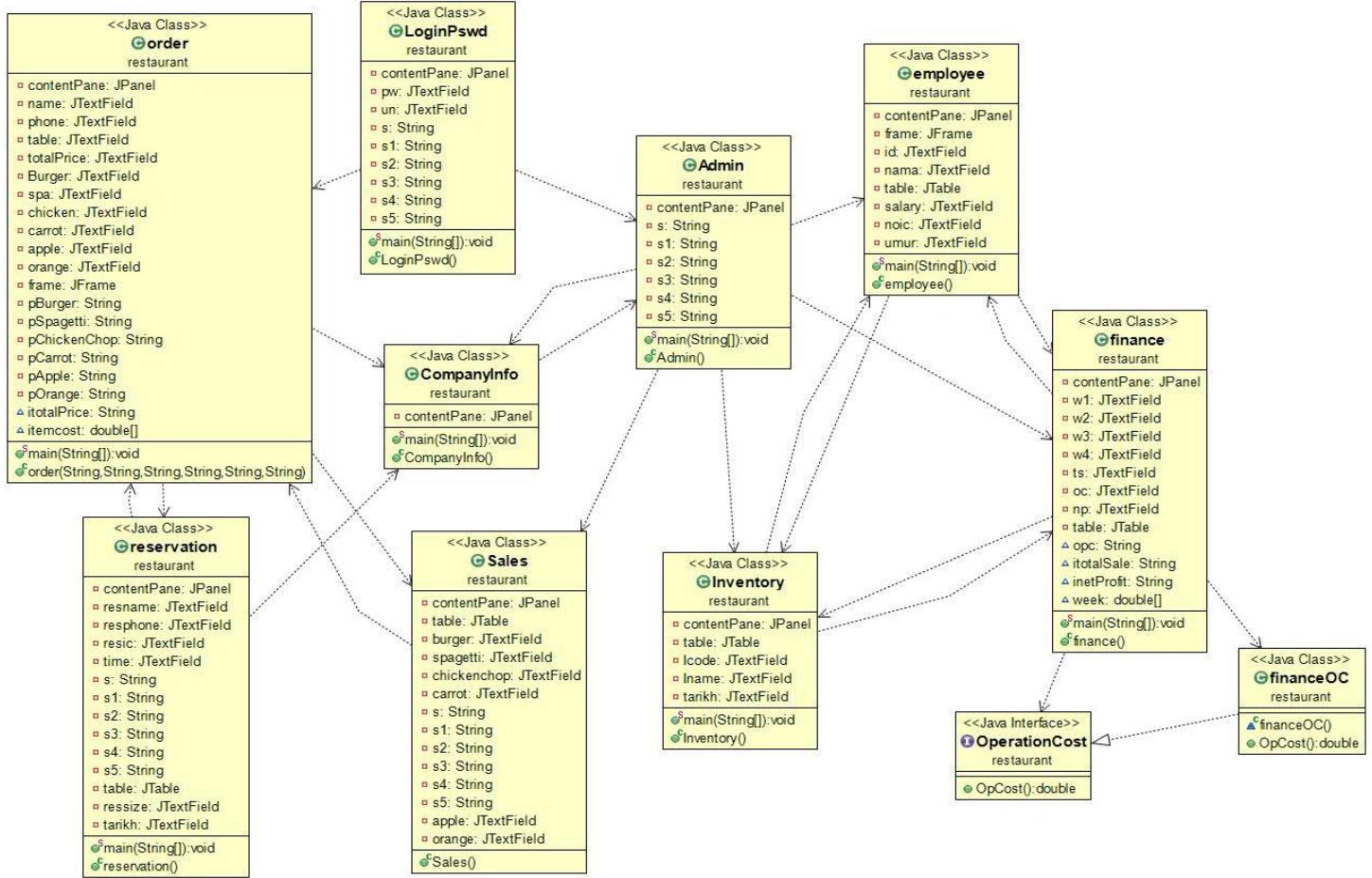
Dina's Batik Company is an exclusive Batik company that has been operating in Pantai Cenang, Langkawi since 2020. Dina's Batik success is based on the exciting and dynamic that the founder is herself who always wanted to uphold the batik industry to the world and help locals especially womens to looks Elegant, Luxurious and Exclusive. Dina's Batik Vision is has 20 000 "batikpreneur" in Asean countries by 2025. This company has almost 100 employees and still counting as it has two branches in Malaysia. This company selling the various of Batik that originally handmade. The Customer also come from a various country which is quiet popular is Indonesia. If you have a question or more information about us, you can contact us via contact number: 0136743110/07485678 or you can find us by our website: [www.DinaaBatikCompany.com.my](http://www.DinaaBatikCompany.com.my)

## **HOTEL**

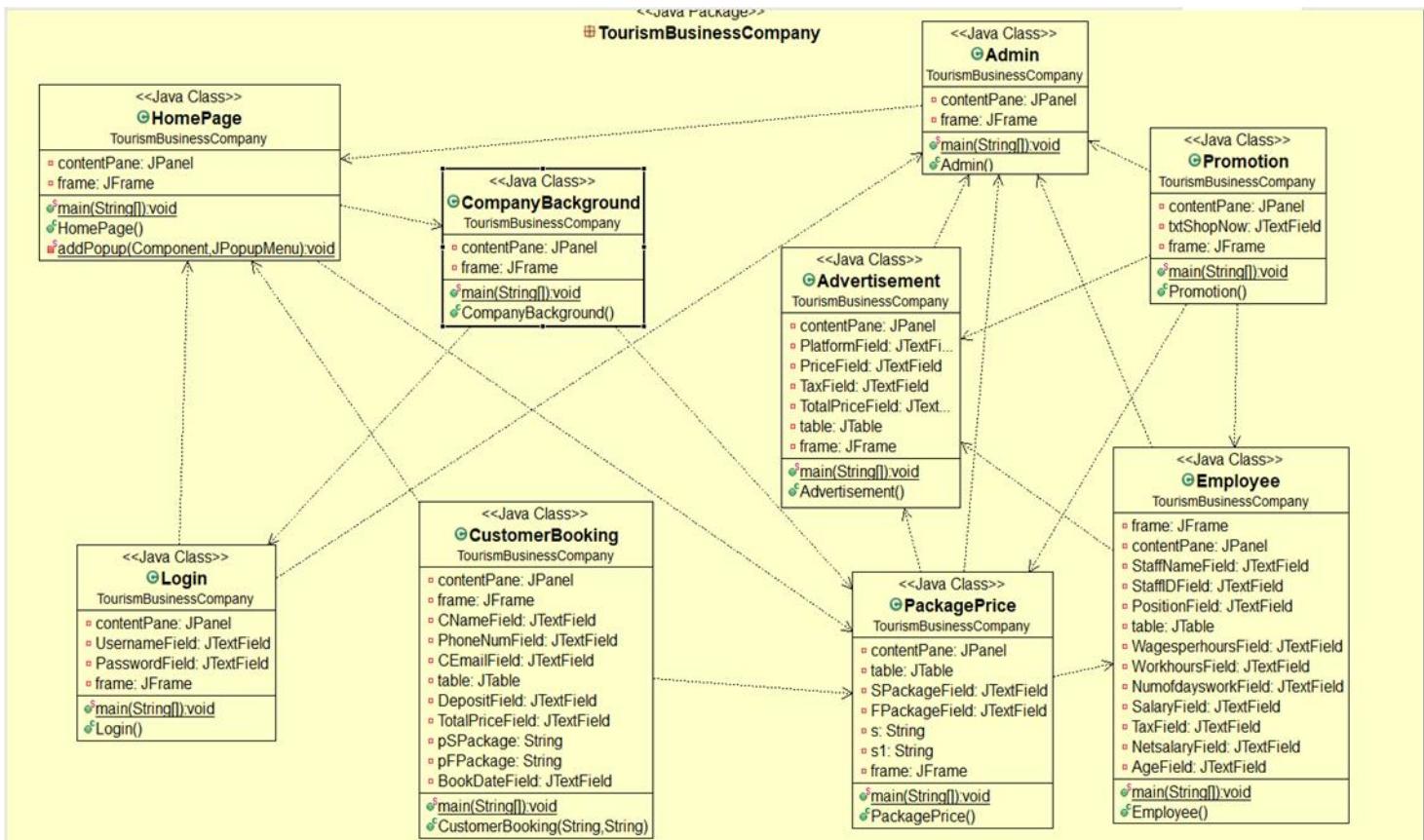
The Twilight Hotel is owned by Nur Azimah Sulaiman. This company began in 2021. For your information, this restaurant is located at the Pantai Chenang, Pulau Langkawi. Our hotel theme is modern and in trend, so anyone interested in modern and in trend we promise a hotel environment that can evoke your past memories. The purpose of our company was established to provide employment opportunities and develop our company's business. Our hotel mission is to serve high quality services and maintain a clean and comfortable. Our vision is to be the best hotel service in the country. We have 5 branch hotel in Kedah, such as Langkawi, Alor Setar, Chanlung, Baling and Sungai Petani. Room package Grand Suite are the main package in this hotel because its looks like luxury hotel in western country. If you have a question or more information about us, you can contact us via contact number: 033287640 or go to our website for more information : [www.TwilightHotel.com](http://www.TwilightHotel.com)

## 2.0 UML CLASS DIAGRAM

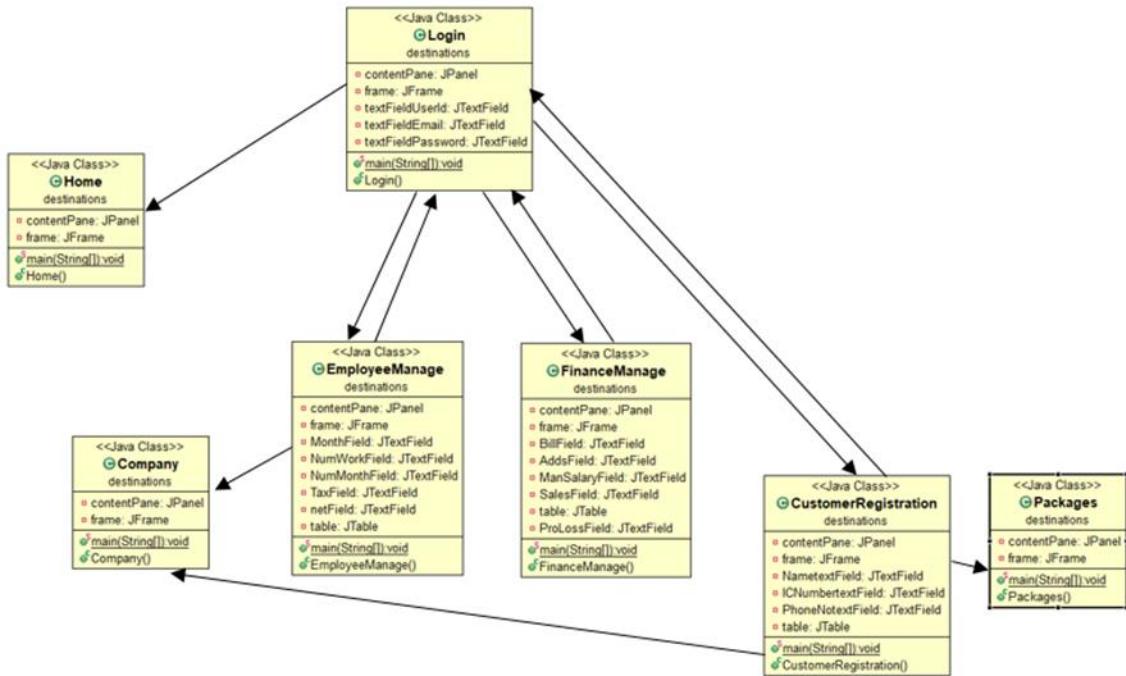
### RESTAURANT



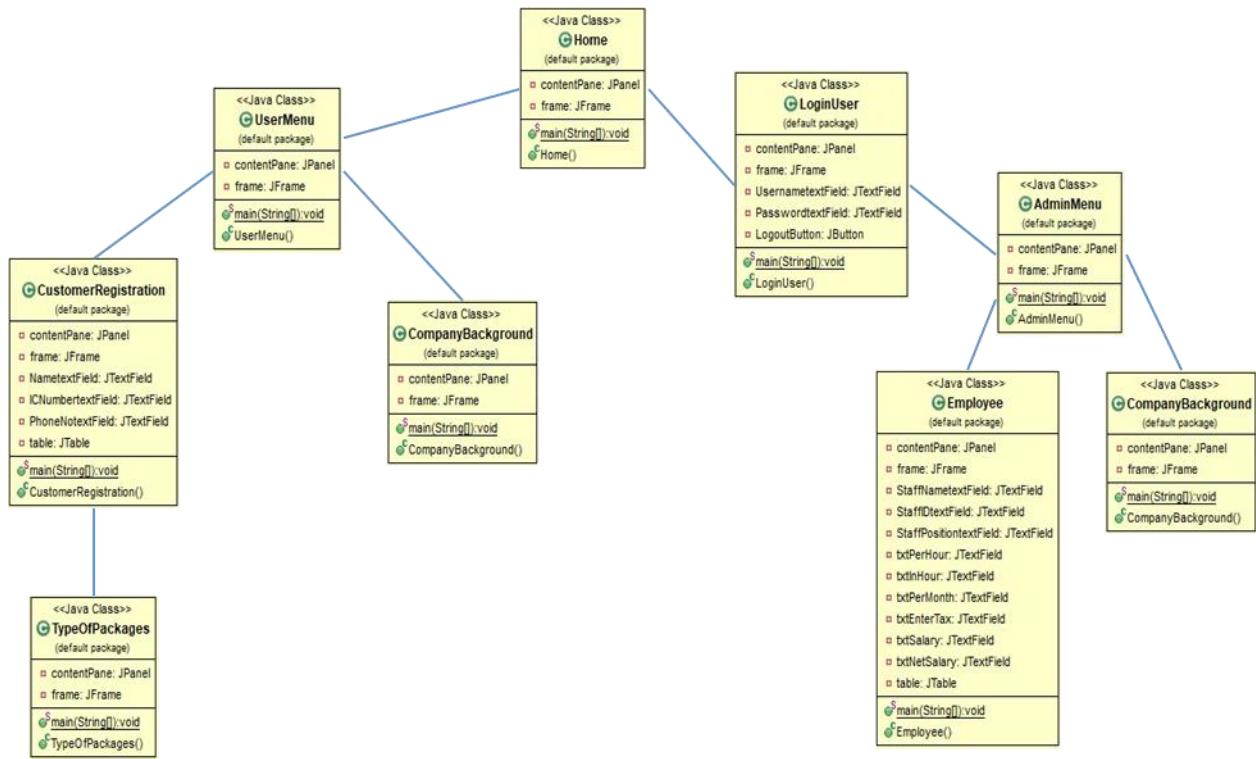
## TOURISM BUSINESS COMPANY



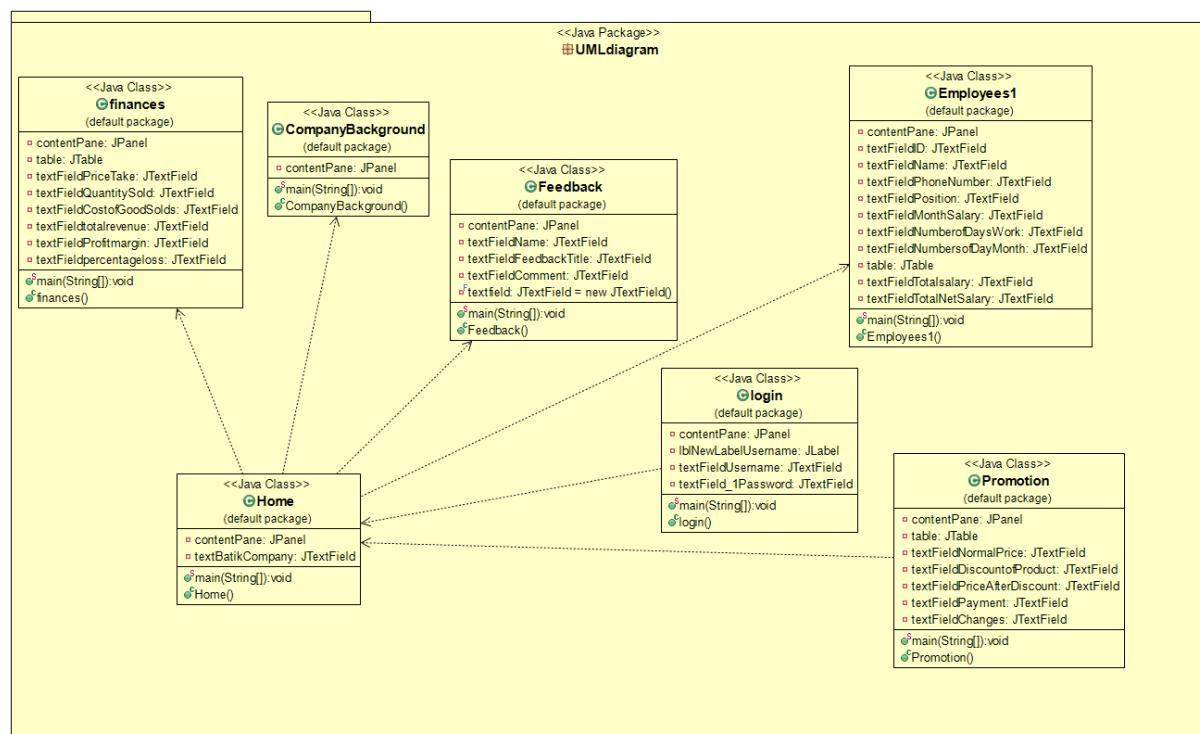
## DESTINATIONS



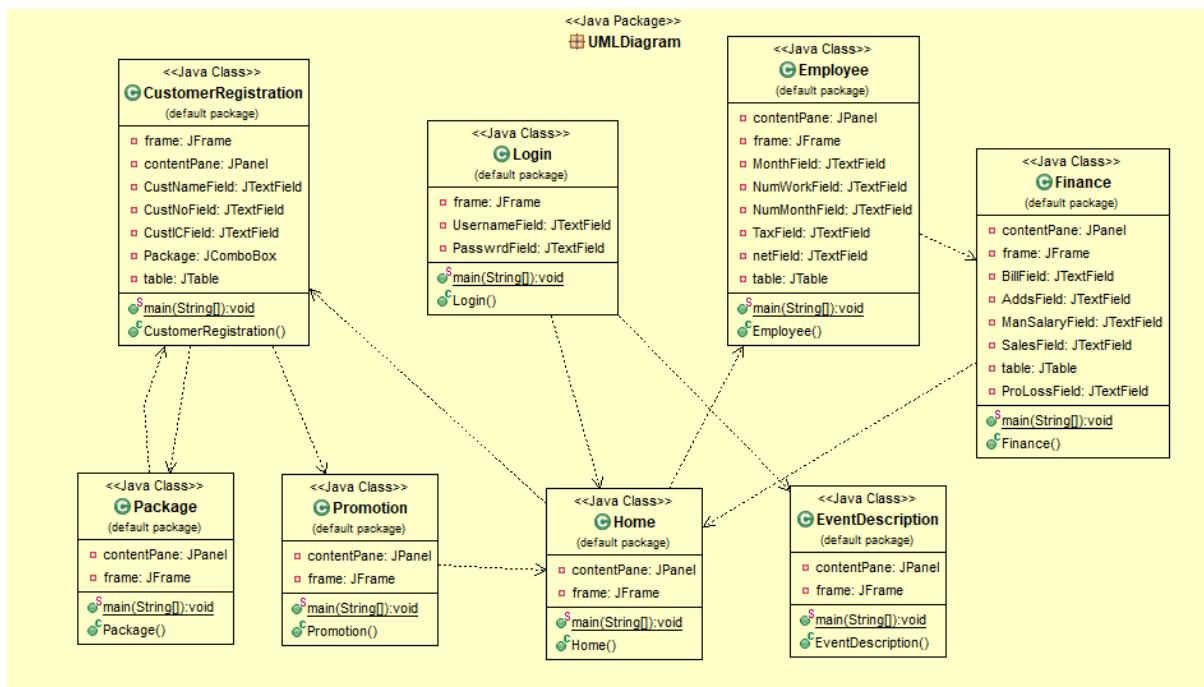
## TRAVEL & TRANSPORT



## FEEDBACK

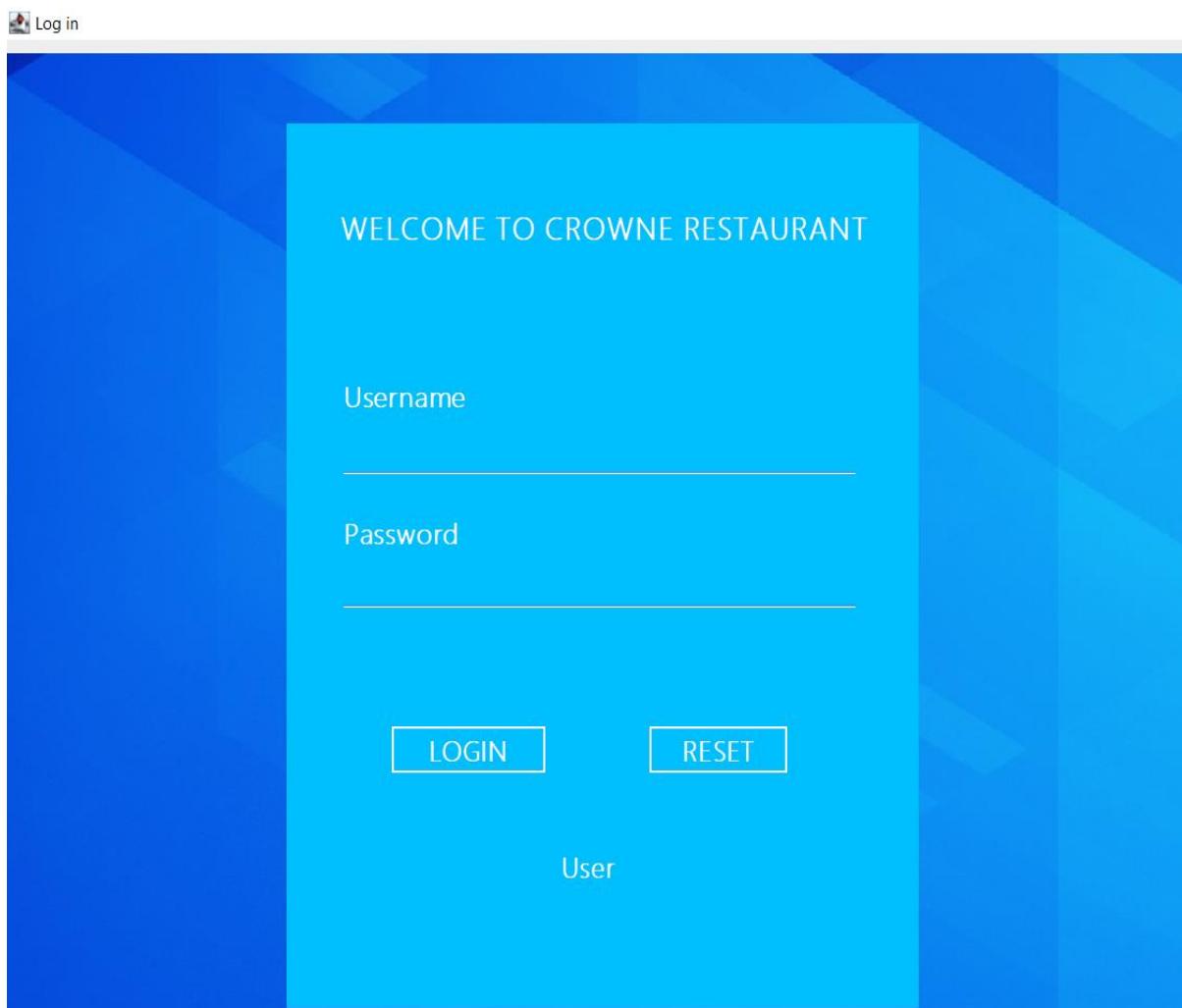


## HOTEL



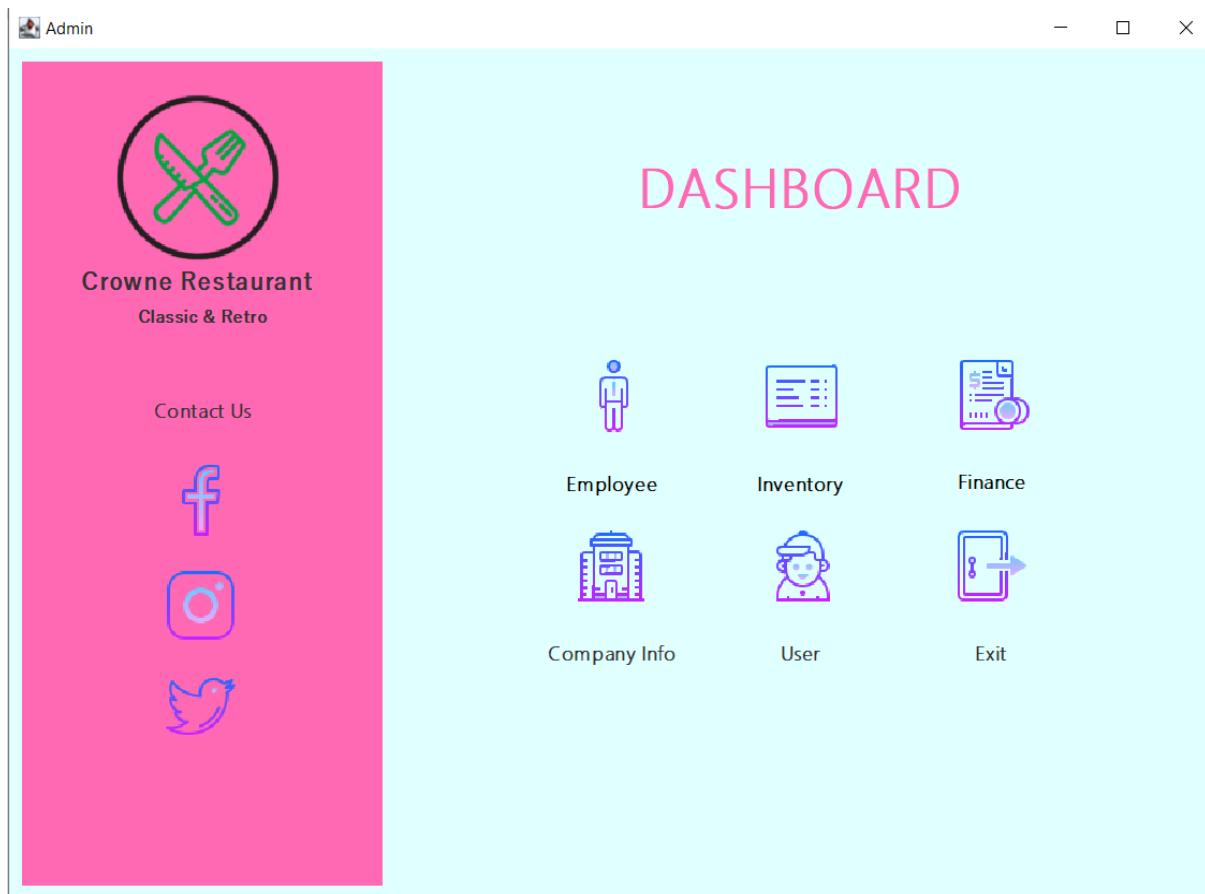
## 3.0 USER MANUAL

### RESTAURANT



## Log in

- 1.Enter admin username and password
2. Click login to go to the dashboard page
- 3.Click reset to fill new username and password
- 4.Click user to go to user page (order and reservation)



## Dashboard

1. Click icon to go to employee, inventory, finance, company info, user page.
2. Click exit to go to log in page

Employee  
Admin

# Employee Management System

Emp ID	Name	IC	Age	Gender	Role	Salary
<input type="text"/>						

Emp ID   
Name   
IC   
Age   
Gender   
Role   
Salary

## Employee System

1. Admin need to enter the employee details such as Emp ID, Name, IC, Age, Gender, Role and Salary
2. Click add record to display on the table
3. Click reset to fill the new information
4. Select row that want to delete and click delete button
5. Click upload to store data in text file permanently
6. Click update to store new data in text file
7. User can click button print to print result
8. Click exit after finish enter all information

# Finance System

<p style="text-align: center;"><b>Sale</b></p> <p>Week 1 <input type="text"/></p> <p>Week 2 <input type="text"/></p> <p>Week 3 <input type="text"/></p> <p>Week 4 <input type="text"/></p> <p>Operation Cost: <input type="text"/></p> <p>Total Sales: <input type="text"/></p> <p>Net Profit: <input type="text"/></p>	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 15%;">Week 1</td><td style="width: 15%;">Week 2</td><td style="width: 15%;">Week 3</td><td style="width: 15%;">Week 4</td><td style="width: 15%;">Total Sales</td><td style="width: 15%;">Op Cost</td><td style="width: 15%;">Net Profit</td></tr><tr><td colspan="7" style="height: 100px;"></td></tr></table> <p style="text-align: center;"><input type="button" value="Total"/> <input type="button" value="Reset"/> <input type="button" value="Delete"/> <input type="button" value="Print"/> <input type="button" value="Upload"/> <input type="button" value="Exit"/></p>	Week 1	Week 2	Week 3	Week 4	Total Sales	Op Cost	Net Profit							
Week 1	Week 2	Week 3	Week 4	Total Sales	Op Cost	Net Profit									

## Finance System

1. Admin need to enter the sales in the week 1, week 2, week 3 and week 4
2. Click total to display total sales, net profit and operation cost
3. Click reset to fill the new sales
4. Select row that want to delete and click delete button
5. Click upload to store data in text file permanently
6. User can click button print to print result
7. Click exit after finish enter all the sales

Inventory

Admin

### Inventory System

Item Code	<input type="text"/>	Quantity	<input type="text" value="0"/>		
Item Name	<input type="text"/>	Date	<input type="text"/>		
ADD RECORD		RESET	DELETE	EXIT	UPLOAD
Item Code	Item Name	Quantity	Date		

### Inventory System

1. Admin need to enter the inventory details such as item code, item name, quantity and date
2. Click add record to display on the table
3. Click reset to fill the new item
4. Select row that want to delete and click delete button
5. Click upload to store data in text file permanently
6. Click exit after finish enter all the items

**MENU PRICE**

Burger	<input type="text"/>	spaghetti	Chicken Ch...	Carrot	Apple	Orange
Spagetti	<input type="text"/>					
Chicken Chop	<input type="text"/>					
Carrot	<input type="text"/>					
Apple	<input type="text"/>					
Orange	<input type="text"/>					

**ADD RECORD**    **UPLOAD**

### Sales

1. Admin need to enter the menu price
2. Click add record to display all data and all data store at order system
3. Click upload to store data in text file permanently

User



# Welcome To Crowne Restaurant

<b>Customer Detail</b>	<b>Food</b>	
Cust Name <input type="text"/>	Quantity	
Phone No <input type="text"/>	Burger <input type="text" value="0"/>	
Table No <input type="text"/>	Spaghetti <input type="text" value="0"/>	
	Chicken Chop <input type="text" value="0"/>	
	<b>Drink</b>	
	Carrot <input type="text" value="0"/>	
	Apple <input type="text" value="0"/>	
	Orange <input type="text" value="0"/>	
	Total Price <input type="text"/>	
<input type="button" value="Print"/>	<input type="button" value="Total"/>	<input type="button" value="Reset"/>
		<input type="button" value="Exit"/>

1. User need to enter the customer details such as cust name, phone number and table number before ordering
2. Enter the quantity on quantity space
3. Click total button to display total price and receipt
4. Click reset to fill the new order
5. User can click button print to print the receipt
6. Click exit after finish ordering

User

### Reservation System

Name	Phone No	IC No	Size Party	Time	Date

**User Details**

Cust Name

Phone No

IC No

Size Party

**Time & Date**

Time

Date

**Buttons**

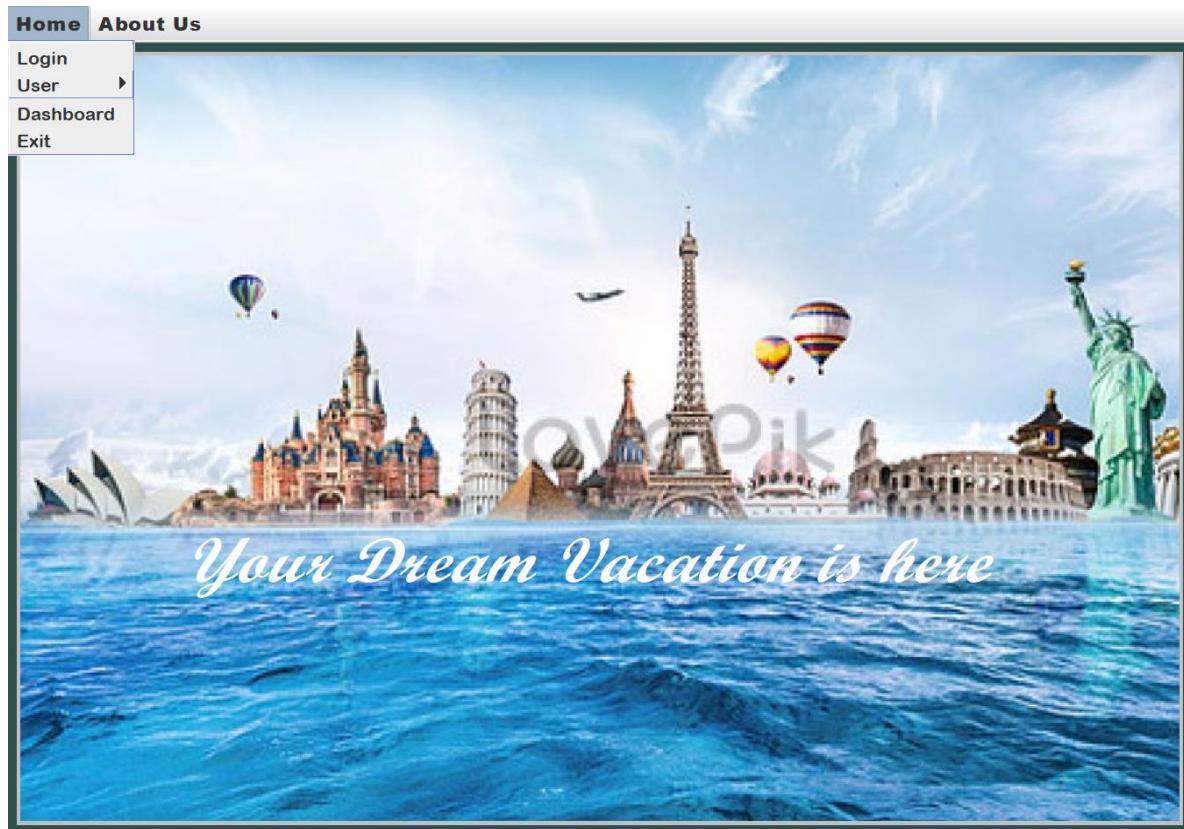
**Reserve**   **Exit**   **Reset**   **Delete**   **Upload**

## Reservation System

1. User need to enter the customer details such as cust name, phone number, IC number, size party
2. User need to enter time and date to make reservation
3. Click reserve button to make reservation and display data on table
4. Click reset to fill the new reservation
5. Select row that want to delete and click delete button
6. Click upload to store data in text file permanently
7. Click exit after finish make reservation

## TOURISM BUSINESS COMPANY

### Home Page



- This is our Home page, click Home menu then choose want to Login to Admin page, User for Customer booking, Dashboard to go back to dashboard and Exit to close program.
- Click About us if want to know our Company background.

## About us

Home About Us

# WEE TOURISM ENTERPRISE



**Company Name: WEE TOURISM ENTERPRISE**

**Address: No252, Jalan Bunga Mawar, Pantai Cenang Langkawi, Kedah**

**Postcode: 07000**

**Location: Pantai Cenang, Langkawi**

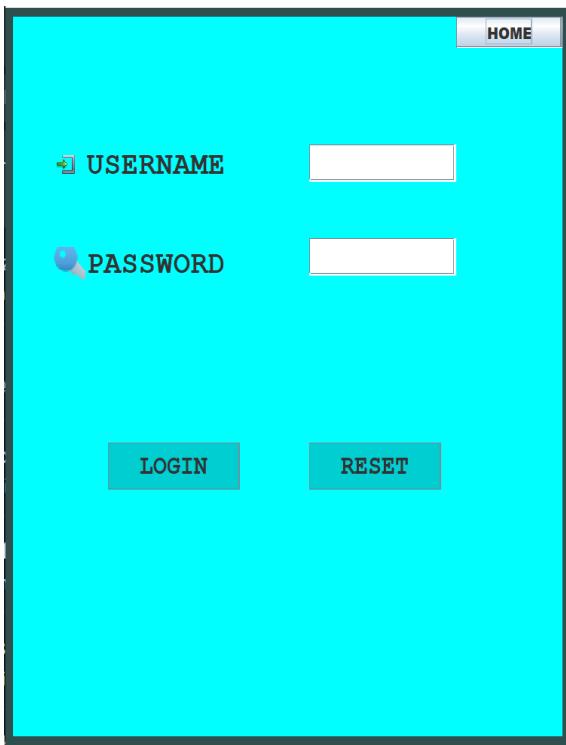
**Telephone Number: 04-4550493**

**Fax: 04-4550934**

**Website: [www.weetourism.com.my](http://www.weetourism.com.my)**

- This is our Company background. Company background will show the company information such as Company name, Address, Location, Telephone number, Fax, and Website.

## Login



1. Enter Username and Password.
2. Click login button to go to Admin page.
3. Click reset button to refill new username and password.
4. Click Home button if want to gack to Home page.

## Admin Page

Employee      Advertisement      Promotion      Package Price      Home Page      Exit

### TOURISM

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exercitation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

[READ MORE](#)      [ABOUT](#)



- This our Admin page. Choose menu at the task bar to go to own page such as Employee, Advertisement, Promotion, and Package Price.
- Click Home page button if want to go back to Home page or click Exit button to close the program.

## Employee Management

<b>Employee</b>	<b>Advertisement</b>	<b>Promotion</b>	<b>Package Price</b>	<b>Admin Page</b>	<b>Exit</b>																					
<b>EMPLOYEE MANAGEMENT</b>																										
<b>Staff Name</b> <input type="text" value="NAD"/> <b>Staff ID</b> <input type="text" value="280806"/> <b>Age</b> <input type="text" value="25"/> <b>Shift</b> <input checked="" type="radio"/> Morning <input type="radio"/> Night <b>Position</b> <input type="text" value="COMP SYSTEM"/> <b>Gender</b> <input type="radio"/> Male <input checked="" type="radio"/> Female			<table border="1"> <thead> <tr> <th>Staff Name</th> <th>Staff ID</th> <th>Age</th> <th>Shift</th> <th>Position</th> <th>Gender</th> <th>Net salary</th> </tr> </thead> <tbody> <tr> <td>FARISSHA</td> <td>280890</td> <td>24</td> <td>Morning</td> <td>CUST SERV...</td> <td>Female</td> <td>1748.0</td> </tr> <tr> <td>NAD</td> <td>280806</td> <td>25</td> <td>Morning</td> <td>COMP SYSTEM</td> <td>Female</td> <td>2622.0</td> </tr> </tbody> </table>			Staff Name	Staff ID	Age	Shift	Position	Gender	Net salary	FARISSHA	280890	24	Morning	CUST SERV...	Female	1748.0	NAD	280806	25	Morning	COMP SYSTEM	Female	2622.0
Staff Name	Staff ID	Age	Shift	Position	Gender	Net salary																				
FARISSHA	280890	24	Morning	CUST SERV...	Female	1748.0																				
NAD	280806	25	Morning	COMP SYSTEM	Female	2622.0																				
<b>Wages per hours</b> <input type="text" value="15"/> <b>Work hours</b> <input type="text" value="8"/> <b>Number of days work</b> <input type="text" value="23"/> <b>Salary</b> <input type="text" value="2760.0"/> <b>Tax</b> <input type="text" value="138.0"/> <b>Net Salary</b> <input type="text" value="2622.0"/>			<b>Salary Pay Slip</b> Staff Name: NAD Staff ID: 280806 Position: COMP SYSTEM Wages per hours: RM15 Work Hours: 8hours Number of days work: 23days Tax: RM138.0 Salary: RM2760.0 Net salary: RM2622.0																							
<input type="button" value="ADD"/> <input type="button" value="RESET"/> <input type="button" value="DELETE"/> <input type="button" value="CALCULATE"/> <input type="button" value="PAYSILIP"/> <input type="button" value="UPLOAD"/>																										

1. Enter the employee details such as Staff Name, Staff ID, Age, Shift, Position and Gender.
2. Enter salary details such as Wages per hours, Work hours and Number of days work if want to calculate salary. For Tax will auto fill because it use interface.
3. Click calculate button, Salary and Net Salary will calculate.
4. Click add button to display information on the table.
5. Click payslip button if want to display salary slip.
6. Click reset button to fill the new information.
7. If want to delete information on table select row that want to delete and click delete button.
8. Click upload button to store data in Text file permanently.
9. Click other menu at the task bar if want to continue with other menu. Click Admin page button if want to go back to Admin page or click exit to close the program.

## Advertisement Management

Employee      Advertisement      Promotion      Package Price      Admin Page      Exit

### ADVERTISEMENT MANAGEMENT

<b>Platform</b>	BANNER
<b>Platform price</b>	250
<b>Tax</b>	12.5
<b>Total price</b>	249.95

Platform	Price	Tax	Total price
TV	5000	250.0	4999.95
BANNER	250	12.5	249.95

**ADD**    **CAL**    **RESET**    **DELETE**    **UPLOAD**

1. Enter advertisement details such as Platform, Platform price, Tax.
2. Click cal button to calculate total price.
3. Click add button to display on table.
4. Click reset button to fill the new information.
5. If want to delete information on table select row that want to delete and click delete button.
6. Click upload button to store data in Text file permanently.
7. Click other menu at the task bar if want to continue with other menu. Click Admin page button if want to go back to Admin page or click exit to close the program.

## Promotion



- This is our Promotion poster. Click other menu at the task bar if want to continue with other menu. Click Admin page button if want to go back to Admin page or click exit to close the program.

## Package Price

The screenshot shows a Windows-style application window titled "PACKAGE PRICE". The menu bar at the top includes "Employee", "Advertisement", "Promotion", "Package Price" (which is the active tab), "Admin Page", and "Exit". The main area has two sections. On the left, there are input fields for "Single Package" (value 350) and "Family Package" (value 600). Below these are two buttons: "ADD RECORD" and "UPLOAD". On the right, there is a table with two rows:

Single Package	Family Package
350	600

1. Enter price for “Single Package” and “Family Package”.
2. Click add record button to pass value to the “Customer booking”.
3. Click upload button to store data in Text file permanently.
4. Click other menu at the task bar if want to continue with other menu. Click Admin page button if want to go back to Admin page or click exit to close the program.
  - This is only use for Customer booking.

## Customer booking

The screenshot shows a web-based booking application. At the top, there is a navigation bar with tabs: 'Booking' (which is selected), 'Single Package', and 'Family Package'. On the right side of the header is a 'HOME' button. The main title 'BOOKING' is centered at the top of the page. To the left, there is a form for entering customer details. It includes fields for Name, Telephone Num, Email, Book date, Deposit, Payment method (Cash or Online transfer), and Total Price. There are also two radio buttons for choosing between 'Single Package' and 'Family Package'. To the right of the form is a table displaying booking information. The table has columns for Name, Telephone num, Email, Book date, Package, Price, Deposit, and Total price. Two rows of data are shown: one for 'HANI' and one for 'HANA'. At the bottom right, there are four buttons: 'BOOKING', 'RESET', 'DELETE', and 'UPLOAD'.

Name	Telephone num	Email	Book date	Package	Price	Deposit	Total price
HANI	0174550493	hani@gma...	Single Pack...	22 JUL 2021	350.0	50	400.0
HANA	0174550934	hana@gm...	Family Pac...	1 AUG 2021	600.0	30	630.0

1. User need to enter their details such as Name, Telephone num, Email.
2. After that user need to choose their package and enter the Book date, Deposit and choose want to do payment through “Cash” or “Online transfer”.
3. To choose package user can see the package at the new tab.
4. Click booking button, the Total price will appear and the information will display on the table.
5. If want to delete information on table select row that want to delete and click delete button.
6. Click upload button to store data in Text file permanently.
7. Click home button to go to Home page.

## Single Package

Booking Single Package Family Package

The screenshot shows a web interface for travel packages. At the top, there are three tabs: 'Booking', 'Single Package' (which is highlighted in blue), and 'Family Package'. Below the tabs, there are four small images: a person on a jet ski, a person on a bicycle, a hotel room with an ocean view, and a night scene of overwater bungalows. To the right of these images is a box containing the package details.

**-Single Package-**

- 3days 2nights
- 2 persons per package
- 1 single room
- Snorkeling
- Jet Ski
- Night boat fishing
- Island hopping tour
- Sunset cycling

- This is our Single package information.
- Click Family package tab to see the information.

## Family Package

Booking Single Package Family Package

The screenshot shows a web interface for travel packages. At the top, there are three tabs: 'Booking', 'Single Package' (highlighted in blue), and 'Family Package'. Below the tabs, there are five small images: a person on a jet ski, a row of traditional thatched-roof houses, a night scene of overwater bungalows, and two scenes of people snorkeling in the water. To the right of these images is a box containing the package details.

**-Family Package-**

- 3days 2night
- 5 members per family
- 1 homestay with breakfast
- BBQ night
- Night boat
- Snorkeling
- 3 Jet Ski
- Cable car

- This is our Family package information.

## DESTINATIONS



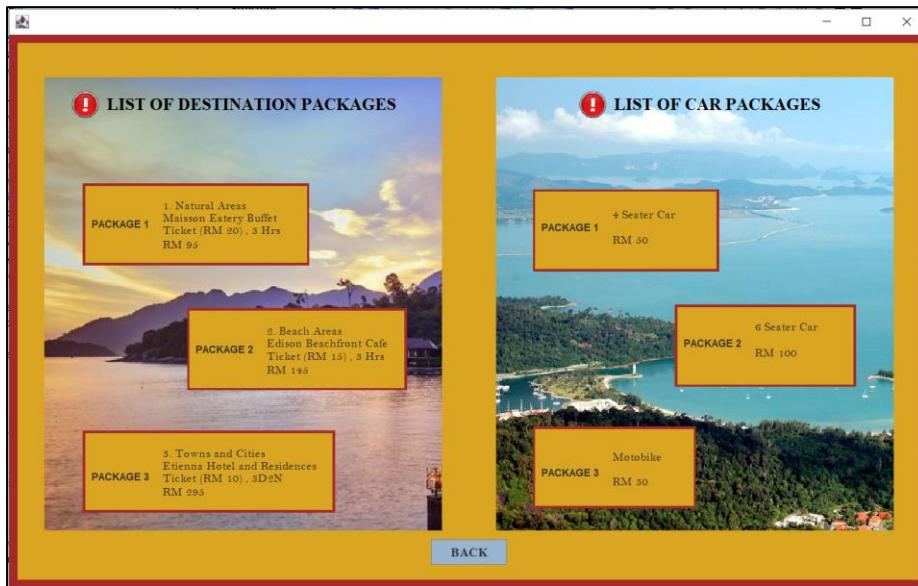
- This is our main page for Destination Services. There are About Us, Our Packages, Employee, Customer and Exit button.

### About Us



- This is our home page. It contains information of company name, company address, company email and number.
- Both employee and customer can access to this page.
- BACK Button if you click, it will back to the main page.

## Our Packages

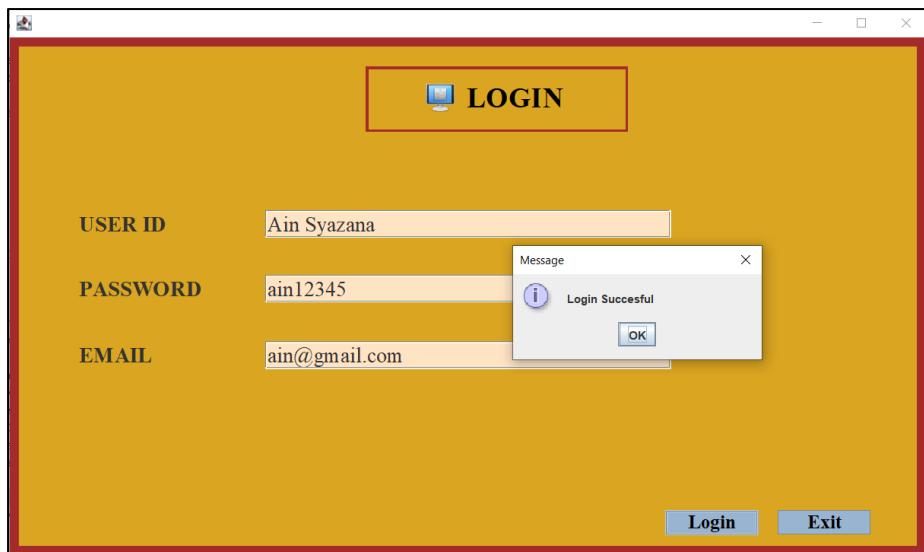


- If you click BACK button, it will back to the main page.
- Only customer can access to this page.

## Login

The screenshot shows a window titled 'Login'. It features a central 'LOGIN' button with a computer icon above it. Below the button are three input fields: 'USER ID' (Ain Syazana), 'PASSWORD' (ain12345), and 'EMAIL' (ain@gmail.com). At the bottom of the page are two buttons: 'Login' and 'Exit'.

- First Enter the User ID in Text field and Enter Password and Email. Then click button LOGIN.



- Then, will pop-up “Login Successful”.



- If you enter the wrong User ID and password. Then click button LOGIN.



- Then it will pop-up "Login Failed! Please enter the right user id and password".

## Employee



## Salary button

- First employee must fill all necessary information needed which is salary per hour, number of hours work, number of day work and tax.

**EMPLOYEE MANAGEMENT**

Salary/hour	Workhour	Work/day	Tax	Net Pro/Loss
5.77	9	6	10	-280.219999999993

**NAME** AIN SYAZANA  
**STAFF ID** ain12345  
**SALARY PER HOUR** 5.77  
**NUMBER OF HOURS WORK** 9  
**NUMBER OF DAY WORK** 6  
**TAX** 10  
**SALARY** -280.219999999993

- Then click SALARY it will display “Net Pro/Loss.

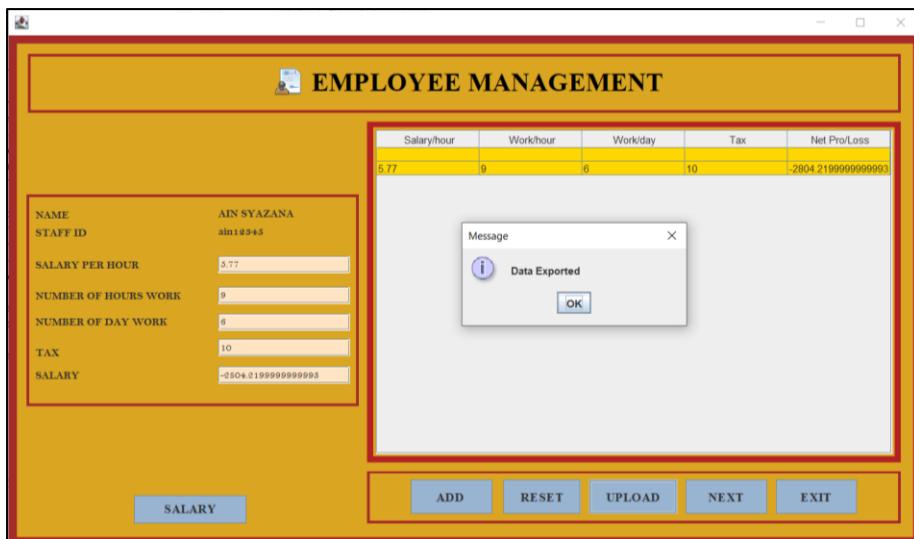
**EMPLOYEE MANAGEMENT**

Salary/hour	Workhour	Work/day	Tax	Net Pro/Loss
5.77	9	6	10	-280.219999999993

**NAME** AIN SYAZANA  
**STAFF ID** ain12345  
**SALARY PER HOUR** 5.77  
**NUMBER OF HOURS WORK** 9  
**NUMBER OF DAY WORK** 6  
**TAX** 10  
**SALARY** -280.219999999993

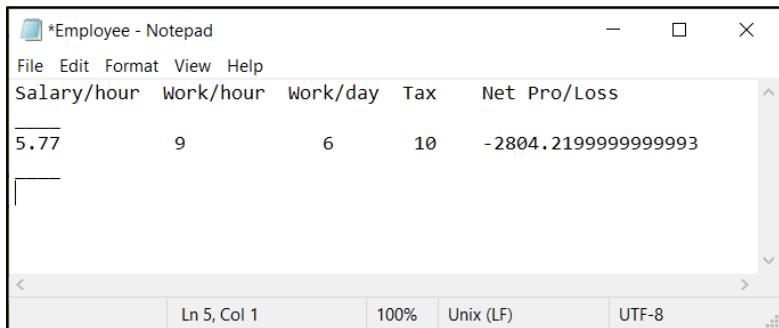
Add button

- Click ADD button when you want to key in data. So you don't have to add one by one.



### Upload button

- Click button UPLOAD. Then will pop-up “Data Exported”. Then click OK.

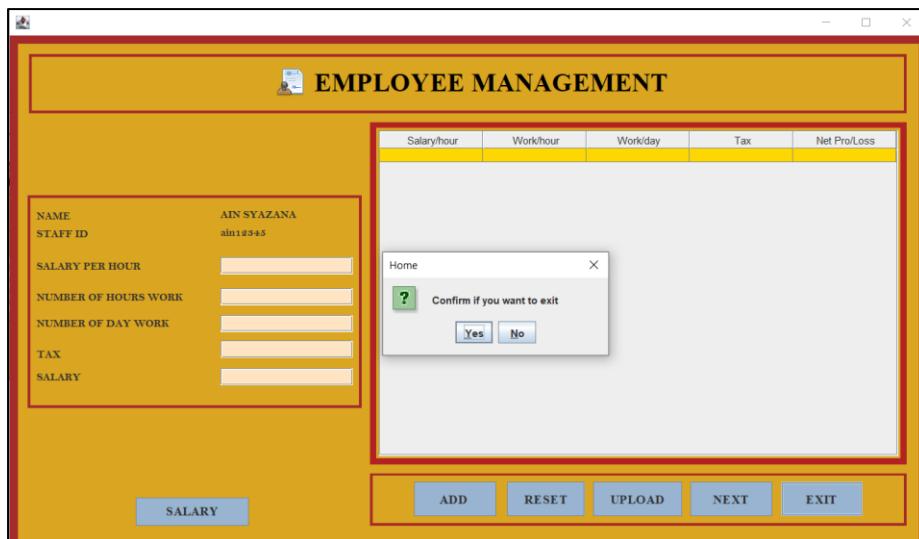


- Data exported into the file io.



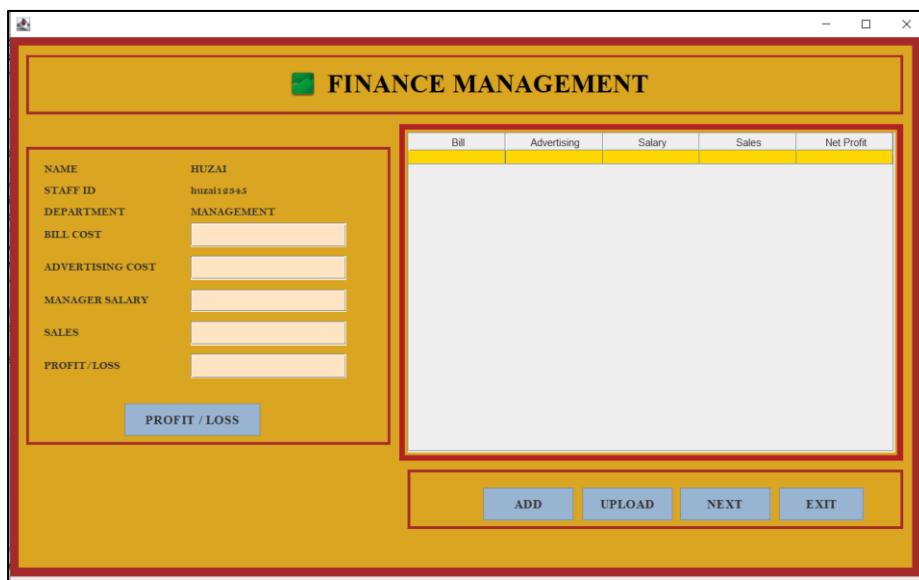
### Reset button

- Click button RESET when don't write data or key in data. So you don't have to clean one by one.



### Exit button

- If you are click EXIT button, it will pop-up “Confirm if you want to exit”. Then just click Yes or No.



### Next button

- If you click NEXT button, it will pass to the next page which is Finance Management.

## Finance

The screenshot shows the 'FINANCE MANAGEMENT' application window. On the left, there is a form with the following data:

NAME	HUZAI
STAFF ID	huzai12345
DEPARTMENT	MANAGEMENT
BILL COST	5000
ADVERTISING COST	600
MANAGER SALARY	2500
SALES	1000
PROFIT/LOSS	

Below the form is a blue button labeled 'PROFIT / LOSS'. To the right of the form is a table with the following header:

Bill	Advertising	Salary	Sales	Net Profit

At the bottom of the window are four buttons: ADD, UPLOAD, NEXT, and EXIT.

- First employee must fill all necessary information needed which is bill cost, advertising cost, manager salary and sales.

The screenshot shows the 'FINANCE MANAGEMENT' application window after the 'PROFIT / LOSS' button has been clicked. The 'PROFIT/LOSS' field now contains '-5400.0'. The rest of the form and the table remain the same as in the previous screenshot.

Profit/Loss button

- Then click PROFIT/LOSS it will display “Net Profit”.

The screenshot shows the 'FINANCE MANAGEMENT' application window. On the left, there is a form with the following data:

NAME	HUZAI
STAFF ID	huzai12345
DEPARTMENT	MANAGEMENT
BILL COST	5000
ADVERTISING COST	600
MANAGER SALARY	2800
SALES	1000
PROFIT/LOSS	-5400.0

Below the form is a blue button labeled 'PROFIT / LOSS'. To the right of the form is a table with the following data:

Bill	Advertising	Salary	Sales	Net Profit
3000	600	2800	1000	-5400.0

At the bottom right of the window are four buttons: 'ADD', 'UPLOAD', 'NEXT', and 'EXIT'.

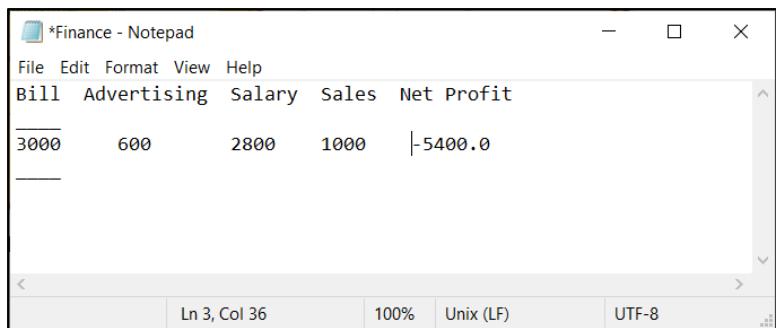
### Add button

- Click ADD button when you want to key in data. So you don't have to add one by one.

The screenshot shows the 'FINANCE MANAGEMENT' application window. The data in the form and table remains the same as the previous screenshot. A message dialog box titled 'Message' appears in the center of the screen, containing the text 'Data Exported' and an 'OK' button.

### Upload button

- Click button UPLOAD. Then will pop-up "Data Exported". Then click OK.



\*Finance - Notepad

File Edit Format View Help

Bill	Advertising	Salary	Sales	Net Profit
3000	600	2800	1000	-5400.0

Ln 3, Col 36 100% Unix (LF) UTF-8

- Data exported into the file io.



Exit button

- If you are click EXIT button, it will pop-up “Confirm if you want to exit”. Then just click Yes or No.



## Next Button

- If you click NEXT button, it will pass back to the Home page.

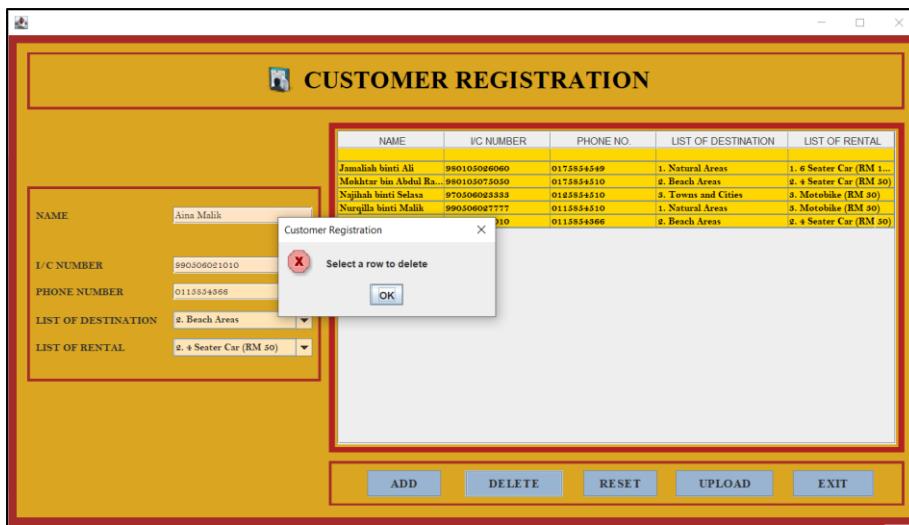
## Customer

NAME	I/C NUMBER	PHONE NO.	LIST OF DESTINATION	LIST OF RENTAL
Jamaliah binti Ali	990105098060	0175854549	1. Natural Areas 2. Beach Areas	1. 6 Seater Car (RM 1... 2. 4 Seater Car (RM 50)
Mokhtar bin Abdul Ra...	990105075050	0175854510	3. Towns and Cities	3. Motobike (RM 30)
Najihah binti Selvaa	970306028333	0125854510	4. Natural Areas	4. Motobike (RM 30)
Nurgilla binti Malik	990306027777	0115854510	5. Beach Areas	5. 4 Seater Car (RM 50)
Aina Malik	990306021010	0115854906		

- First customer must fill all necessary information needed which is name, i/c number, phone number, list of destination and list of rental.

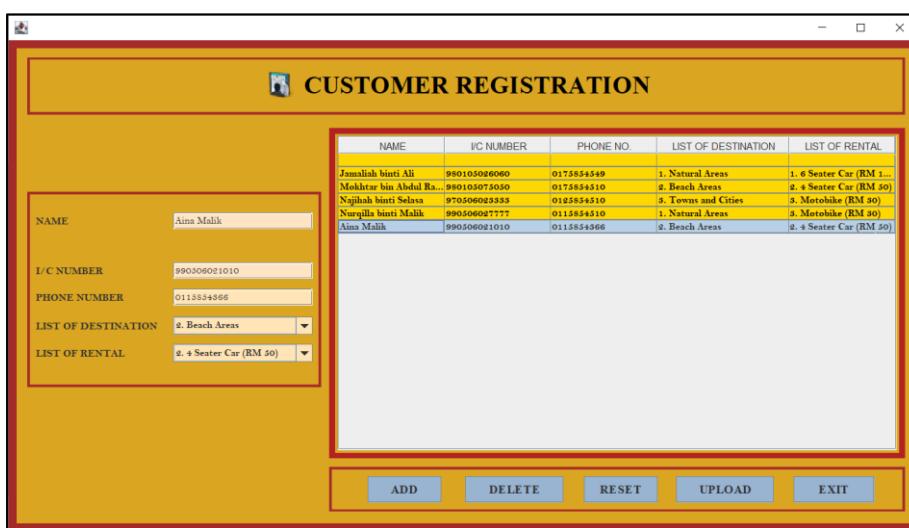
## Add button

- Then click ADD button when you want to key in data. So you don't have to add one by one.



### Delete button

- First you have to select row at table which one want to delete then click DELETE button.



- If you don't click row to delete it will pop-up "Select a row to delete" then click OK.

The screenshot shows the 'CUSTOMER REGISTRATION' window. On the left, there are input fields for NAME (Aina Malik), I/C NUMBER (9903050901010), PHONE NUMBER (0115504366), LIST OF DESTINATION (2. Beach Areas), and LIST OF RENTAL (2. 4 Seater Car (RM 50)). On the right, a table lists customer data with their details and corresponding destination and rental preferences. A message box at the bottom indicates that the data has been successfully deleted.

NAME	I/C NUMBER	PHONE NO	LIST OF DESTINATION	LIST OF RENTAL
Jamaliah binti Ali	9801050906060	0175854549	1. Natural Areas 2. Beach Areas	1. 6 Seater Car (RM 1... 2. 4 Seater Car (RM 50)
Mokhtar bin Abdul Ra...	980105075050	0175854510	3. Towns and Cities	3. Motobike (RM 30)
Najihah binti Selasa	970506023333	0185854510	4. Natural Areas	4. Motobike (RM 30)
Nurqilla binti Malik	990306087777	0115854510		

**Message**  
Data Deleted  
OK

- The data successfully deleted.

The screenshot shows the 'CUSTOMER REGISTRATION' window. The input fields remain the same as the previous screenshot. The table on the right now shows updated data where the previously deleted entry has been restored. A message box at the bottom indicates that the data has been successfully updated.

NAME	I/C NUMBER	PHONE NO	LIST OF DESTINATION	LIST OF RENTAL
Jamaliah binti Ali	9801050906060	0175854549	1. Natural Areas 2. Beach Areas	1. 6 Seater Car (RM 1... 2. 4 Seater Car (RM 50)
Mokhtar bin Abdul Ra...	980105075050	0175854510	3. Towns and Cities	3. Motobike (RM 30)
Najihah binti Selasa	970506023333	0185854510	4. Natural Areas	4. Motobike (RM 30)
Nurqilla binti Malik	990306087777	0115854510		

**Message**  
Data Updated  
OK

#### Reset button

- Click button RESET when don't write data or key in data. So you don't have to clean one by one.

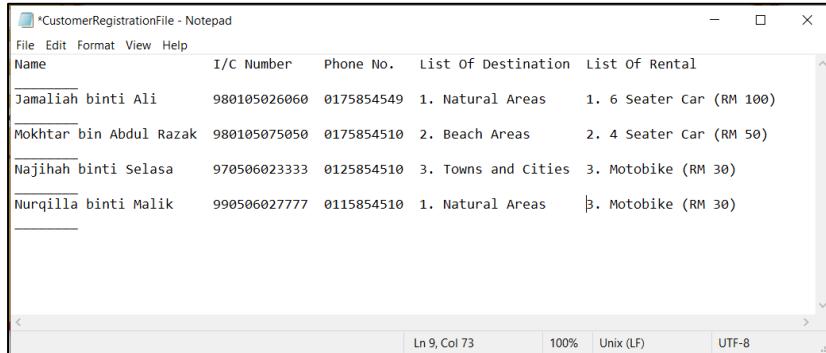
The screenshot shows the 'CUSTOMER REGISTRATION' window. The input fields remain the same. A message box in the center says 'Data Exported' with an 'OK' button. The table on the right shows the same data as the previous screenshots.

NAME	I/C NUMBER	PHONE NO	LIST OF DESTINATION	LIST OF RENTAL
Jamaliah binti Ali	9801050906060	0175854549	1. Natural Areas 2. Beach Areas	1. 6 Seater Car (RM 1... 2. 4 Seater Car (RM 50)
Mokhtar bin Abdul Ra...	980105075050	0175854510	3. Towns and Cities	3. Motobike (RM 30)
Najihah binti Selasa	970506023333	0185854510	4. Natural Areas	4. Motobike (RM 30)
Nurqilla binti Malik	990306087777	0115854510		

**Message**  
Data Exported  
OK

## Upload button

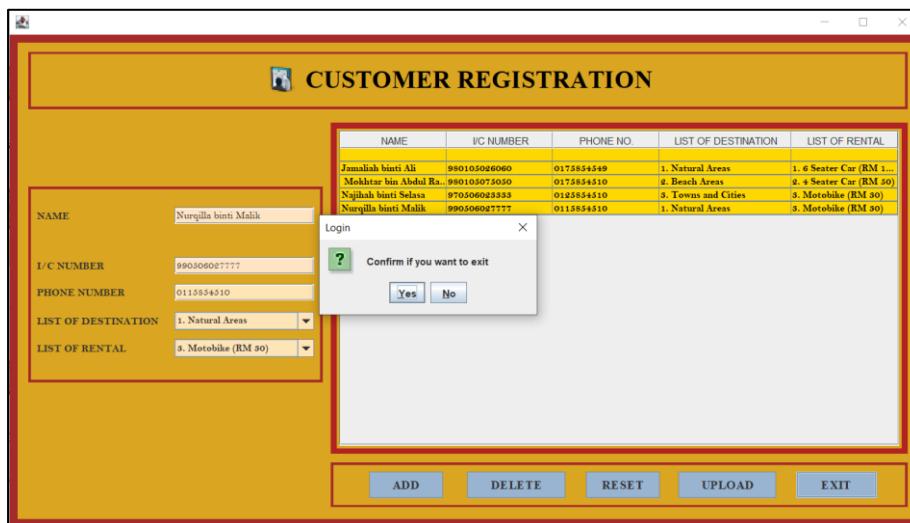
- Click button UPLOAD. Then will pop-up “Data Exported”. Then click OK.



The screenshot shows a Notepad window with the title "\*CustomerRegistrationFile - Notepad". The content is a table with columns: Name, I/C Number, Phone No., List Of Destination, and List Of Rental. The data is as follows:

Name	I/C Number	Phone No.	List Of Destination	List Of Rental
Jamaliah binti Ali	980105026060	0175854549	1. Natural Areas	1. 6 Seater Car (RM 100)
Mokhtar bin Abdul Razak	980105075050	0175854510	2. Beach Areas	2. 4 Seater Car (RM 50)
Najihah binti Selasa	970506023333	0125854510	3. Towns and Cities	3. Motobike (RM 30)
Nurqilla binti Malik	990506027777	0115854510	1. Natural Areas	3. Motobike (RM 30)

- Data exported into the file io.



The screenshot shows the "CUSTOMER REGISTRATION" application window. It contains a table of customer data and several input fields for adding new data. A modal dialog box titled "Login" with a question mark icon asks "Confirm if you want to exit". There are "Yes" and "No" buttons at the bottom of the dialog.

NAME	I/C NUMBER	PHONE NO.	LIST OF DESTINATION	LIST OF RENTAL
Jamaliah binti Ali	980105026060	0175854549	1. Natural Areas	1. 6 Seater Car (RM 100)
Mokhtar bin Abdul Ra...	980105075050	0175854510	2. Beach Areas	2. 4 Seater Car (RM 50)
Najihah binti Selasa	970506023333	0125854510	3. Towns and Cities	3. Motobike (RM 30)
Nurqilla binti Malik	990506027777	0115854510	1. Natural Areas	3. Motobike (RM 30)

Input fields (left side):

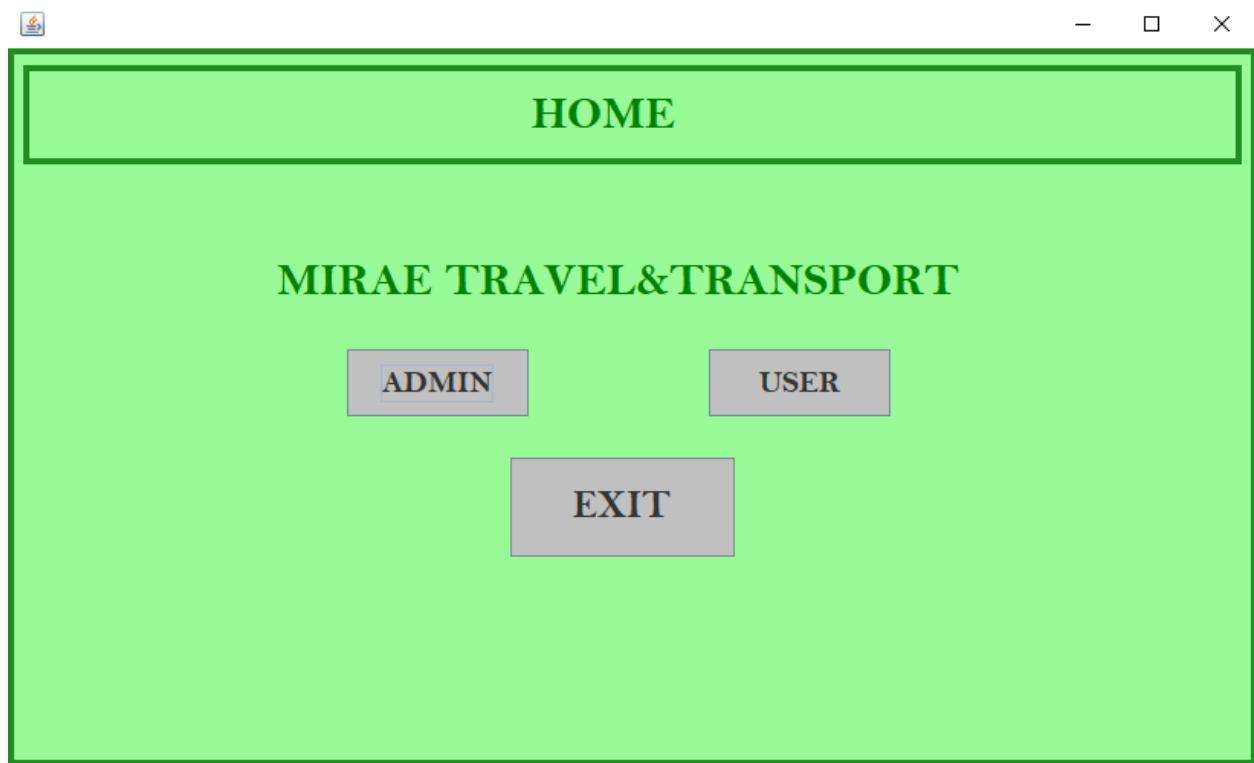
- NAME: Nurqilla binti Malik
- I/C NUMBER: 990506027777
- PHONE NUMBER: 0115854510
- LIST OF DESTINATION: 1. Natural Areas
- LIST OF RENTAL: 3. Motobike (RM 30)

Buttons (bottom): ADD, DELETE, RESET, UPLOAD, EXIT

## Exit button

- If you are click EXIT button, it will pop-up “Confirm if you want to exit”. Then just click Yes or No.

## TRAVEL & TRANSPORT



### Home

1. Choose either you are admin or user.
2. If you click admin, you have to login first to go to admin menu.



### Login Menu

- i. Admin will fill username and password to login.

ii. Click logout to go to home page.



### Admin Menu

i. Click employee registration to go to employee page. (click back to go to admin menu)



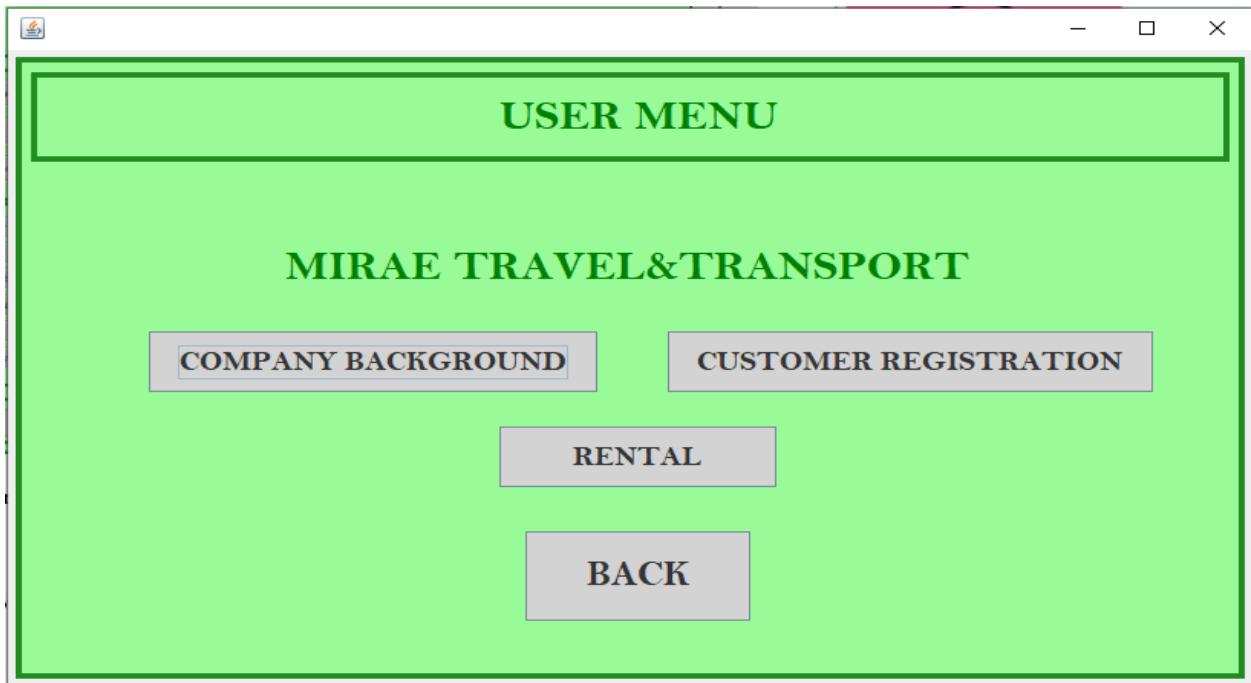
ii. Click staff salary to go to finance page. (click back to go to admin menu)

The screenshot shows a software application window titled "STAFF SALARY". On the left side, there is a vertical stack of input fields with labels: "STAFF NAME" (with a placeholder "Enter Name"), "STAFF ID" (with a placeholder "Enter ID"), "POSITION" (with a placeholder "Enter Position"), "WAGES" (with a placeholder "Per Hour"), "WORK HOUR" (with a placeholder "In Hour"), "DAY WORK" (with a placeholder "Per Month"), "TAX" (with a placeholder "Enter Tax"), "SALARY" (with a placeholder "Salary"), and "NET SALARY" (with a placeholder "Net Salary"). To the right of these fields is a horizontal table with five columns: "Staff ID", "Staff Name", "Position", "Day Work/Month", and "Net Salary". Below the input fields and table are several buttons: "ADD", "DELETE", "RESET", "UPLOAD", "CALCULATE", and "BACK".

iii. Click back at admin menu to go to home page.

The screenshot shows a software application window titled "HOME". At the top center, it displays the company name "MIRAE TRAVEL&TRANSPORT". Below the title are three large buttons: "ADMIN", "USER", and "EXIT".

3. If you click user, you will go direct to user menu.



### User Menu

- i. Click company background to view company background page. (click back to go to user menu)



- ii. Click customer registration to go to customer registration page. (click back to go to user menu)

# CUSTOMER REGISTRATION

CUST. ID	NAME	I/C NUMB...	PHONE NO	NO. OF PASSENG...	TYPE OF PACKAGE

**VIEW PACKAGES**

CUSTOMER ID	LAST 4 - DIGIT I/C
NAME	
I/C NUMBER	
PHONE NO.	
PASSENGER	NO. OF PASSENGER
PACKAGES	SELECT YOUR PACKAGE

**ADD**   **DELETE**   **RESET**   **UPLOAD**   **BACK**

ii. a)Click view packages to see the packages offered.(click back to go to customer registration)

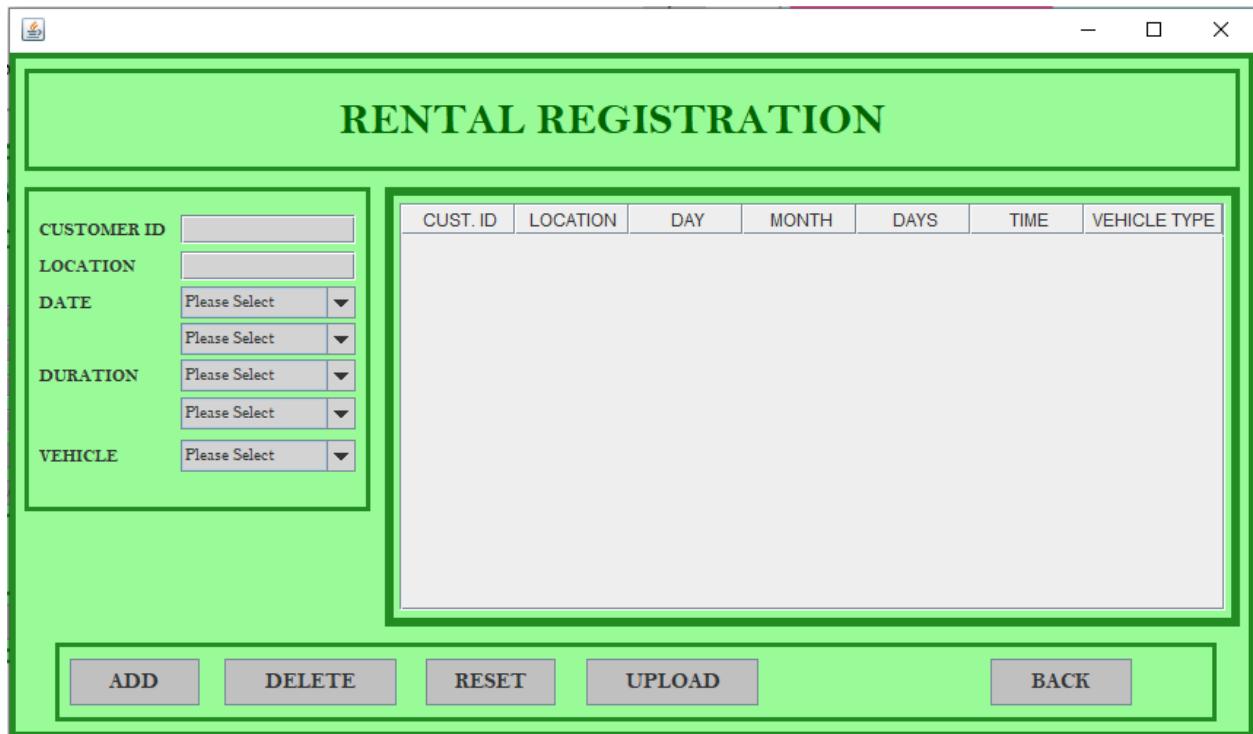
<h2 style="text-align: center;">TYPES OF PACKAGES</h2>	
<b>PACKAGE 1</b>	<p>One ferry ticket (ROUND TRIP) to Pulau Langkawi. One vehicle for 3 days 2 nights and you can choose either car or motorcycle with full fuel in tank. One boat ticket (ROUND TRIP) to Tasik Dayang Bunting. One ticket to ride Langkawi Skybridge Cable Car.</p>
<b>PACKAGE 2</b>	<p>Two ferry ticket (ROUND TRIP) to Pulau Langkawi. One vehicle for 3 days 2 nights and you can choose either car or motorcycle with full fuel in tank. Two boat ticket (ROUND TRIP) to Tasik Dayang Bunting. Two ticket to ride Langkawi Skybridge Cable Car.</p>
<b>PACKAGE 3</b>	<p>Six ferry ticket (ROUND TRIP) to Pulau Langkawi. One vehicle for 3 days 2 nights and you can choose either car(standard/mpv) or van with full fuel in tank. Six boat ticket (ROUND TRIP) to Tasik Dayang Bunting. Six ticket to ride Langkawi Skybridge Cable Car. Six ticket to experience Mangrove Forest Kayaking Tour.</p>

iii. Click rental to go to rental registration page. (click back to go to user menu)

**RENTAL REGISTRATION**

CUSTOMER ID	<input type="text"/>	CUST. ID	LOCATION	DAY	MONTH	DAYS	TIME	VEHICLE TYPE
LOCATION	<input type="text"/>							
DATE	Please Select							
	<input type="button" value="Please Select"/>							
DURATION	Please Select							
	<input type="button" value="Please Select"/>							
VEHICLE	Please Select							
	<input type="button" value="Please Select"/>							

**ADD    DELETE    RESET    UPLOAD    BACK**



4. If you want to exit, just click exit.

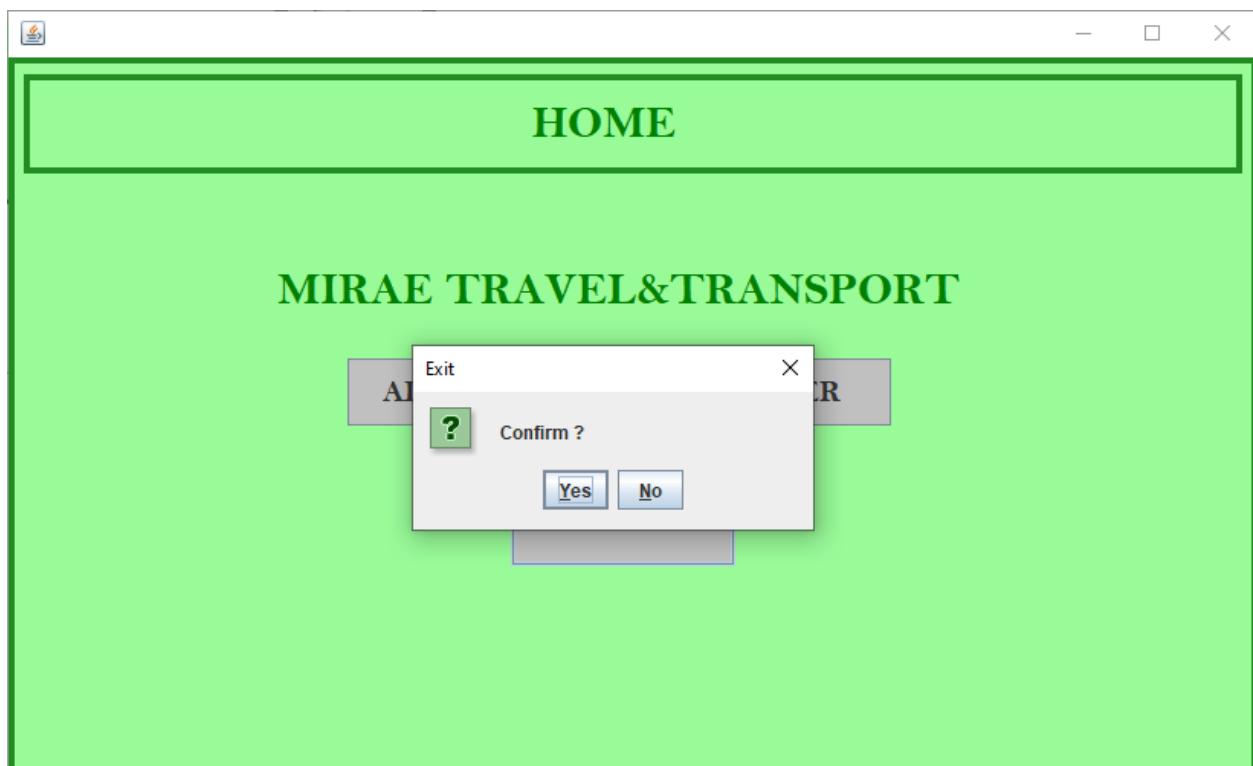
**HOME**

**MIRAE TRAVEL&TRANSPORT**

Exit

Confirm ?

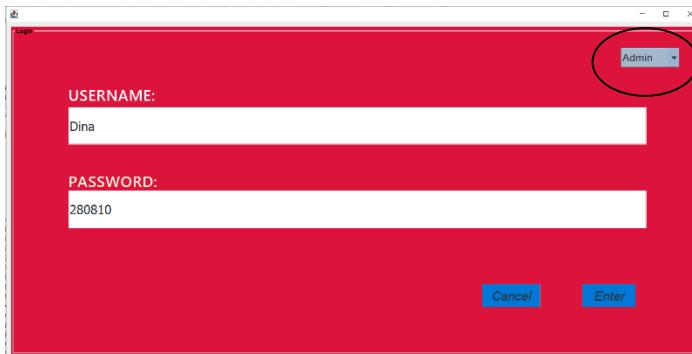
Yes    No



## FEEDBACK

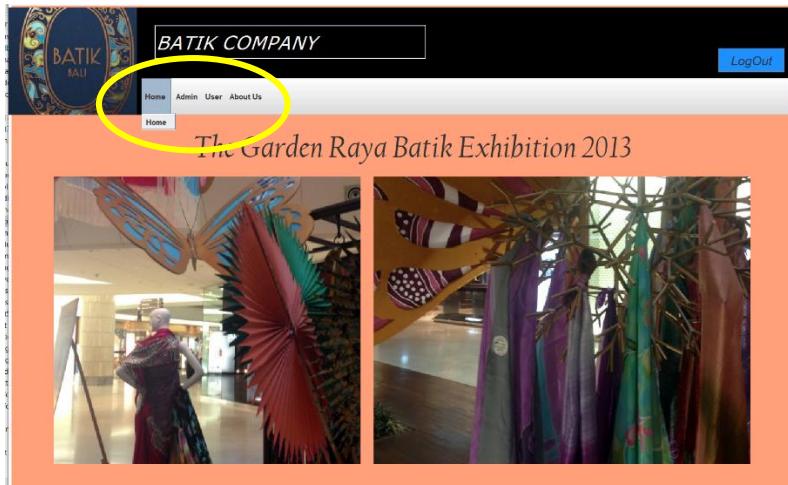
This program is actually for admin and user can use it.

Step 1: How to login



You just need to enter the right username and password then you can choose either you're admin or user.

Step 2: How to get in another place



Here at home you can choose to go where.

Step 3: How to use Employees class

When you fill all the instruction, it will show on the table. For total salary and total net salary, it will count for you. The back button is for going to home back if you're done.

Click upload to store data in text file permanently

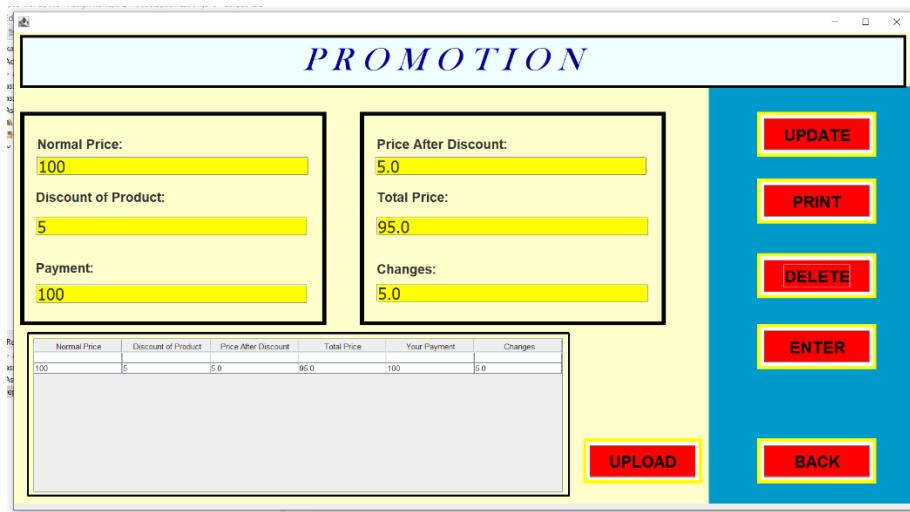
#### Step 4: How to use Finance class

Input all the data then it will display on the table, the total revenue, profit margin and percentage loss will be calculated by the program.

#### Step 5: How to use Product Specification

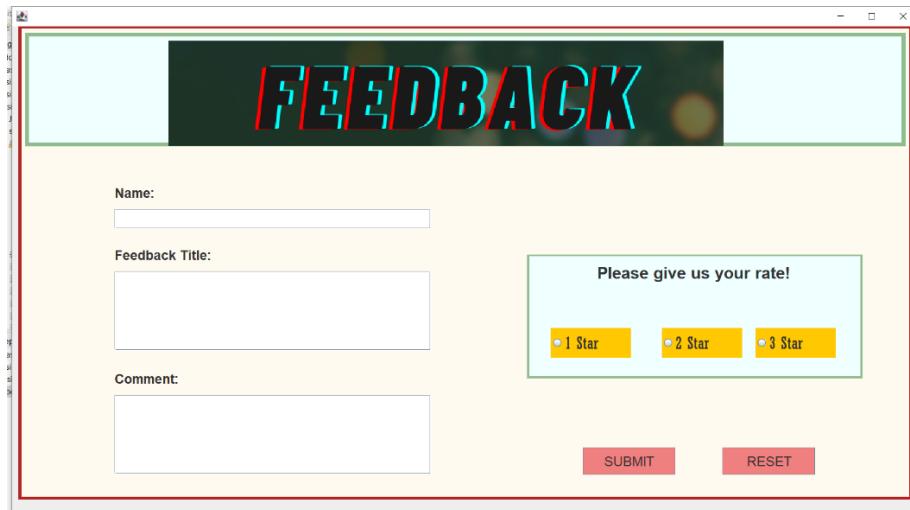
For product specification class, all the information on the table will be stored then it will display to the customer.

#### Step 6: How to use Promotion Class



Promotion Class is like the changes after do the payment. Here user need to enter normal price, discount of product and the payment. Then it will display the price after discount, total price, and the changes. It will be display on the table.

### Step 7: How to use the feedback class



The feedback class makes the user give rate.

## HOTEL

### 1) LOGIN



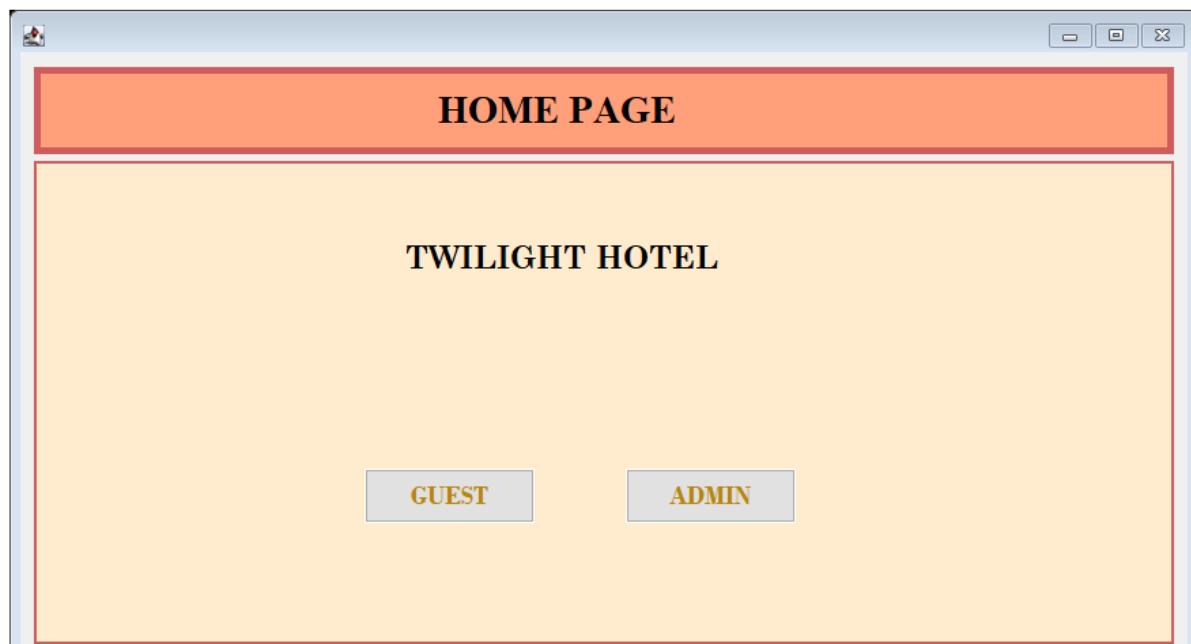
1. User or admin need to enter Username and Password .
2. User or admin click login button to login the system
3. Click Exit button to end the system
4. Click about us to know Hotel Description.

## 2) EVENT DESCRIPTION



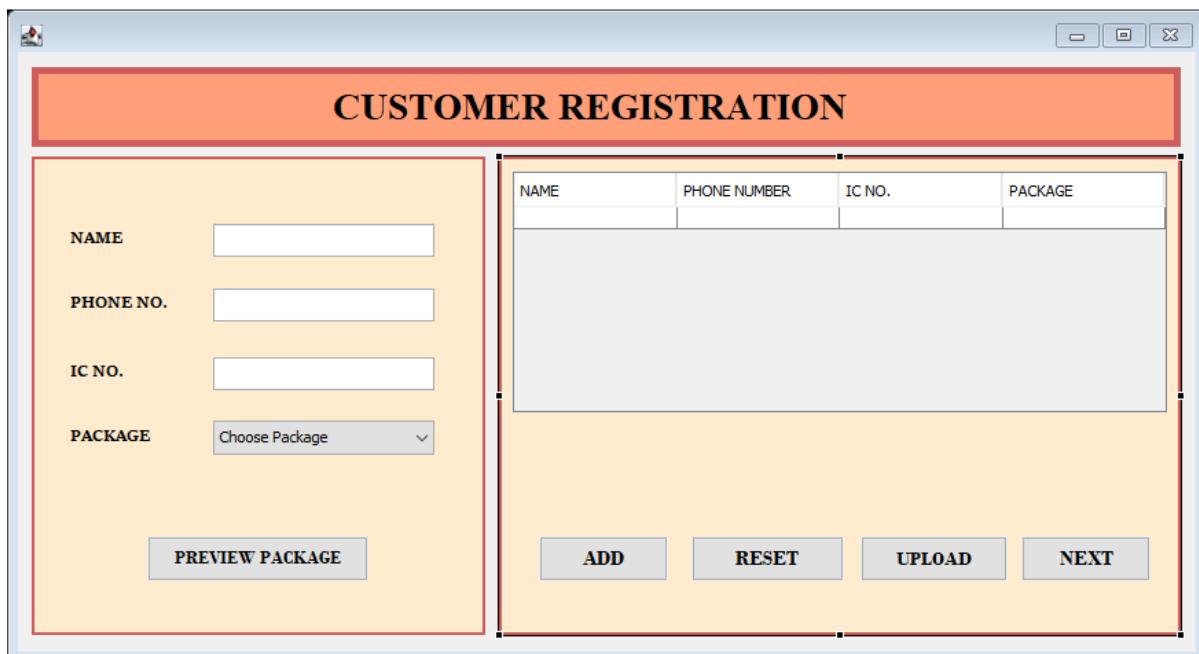
1. After click About Us button it will display like that.
2. Click Cancel button to back to login page.

## 3) HOME PAGE



1. Choose to login under Guest or Admin.
2. For user click the Guest button.
3. For Admin click the Admin button.

#### 4) CUSTOMER REGISTRATION

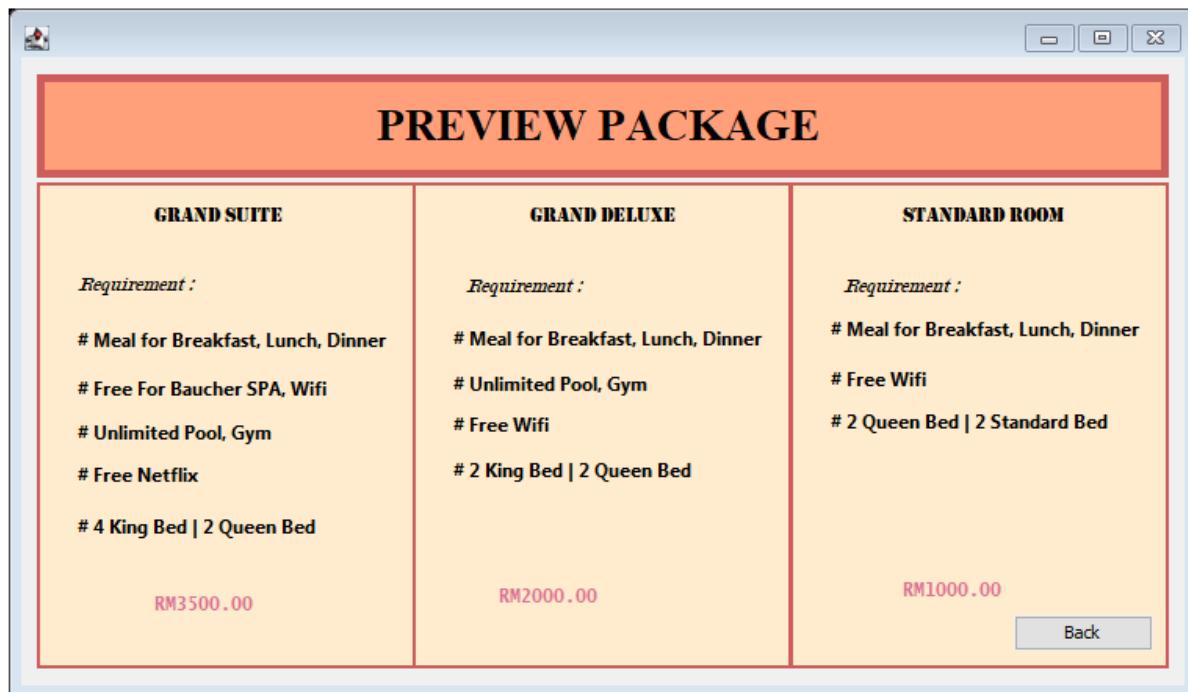


The screenshot shows a Windows application window titled "CUSTOMER REGISTRATION". The interface is divided into two main sections. On the left, there are four input fields: "NAME" (text box), "PHONE NO." (text box), "IC NO." (text box), and "PACKAGE" (dropdown menu labeled "Choose Package"). Below these is a button labeled "PREVIEW PACKAGE". On the right, there is a table with four columns: "NAME", "PHONE NUMBER", "IC NO.", and "PACKAGE". This table currently contains one row of data. At the bottom of the right section are four buttons: "ADD", "RESET", "UPLOAD", and "NEXT".

**Login as GUEST**

1. User need to fill the Customer Registration information such as Name, Phone no, IC No and chose the Package.
2. Click Preview Package button to know more detail about package.
3. Click Add button to display on the table.
4. Click Reset button to reset all the information and enter the new information.
5. Click Upload button to store the data in text file permanently.
6. Click Next button to move to the next page.

## 5) PREVIEW PACKAGE



1. After Click Preview Package button, it will display this page.
2. Click Back button to return to the Customer Registration page.

## 6) PROMOTION



1. User need to choose the promotion 50% for next registration.
2. Click Accept button if want to accept this promotion
3. Click Reject button to reject the promotion.
4. Click Exit button to return to Home page.

## 7) EMPLOYEE SECTION

The screenshot shows a Windows application window titled "EMPLOYEE SECTION". The window has a title bar at the top with three buttons: Minimize, Maximize, and Close. Below the title bar is a red header bar with the title "EMPLOYEE SECTION". The main area is divided into two sections. On the left, there is a form with fields for "STAFF ID : 280405" and "NAME : NUR SYAHIRAH". Below these are input fields for "SALARY PER HOUR", "NUMBER OF HOURS WORK", "NUMBER OF DAY WORK", "TAX", and "NET SALARY". On the right, there is a table with five columns: "Salary/hour", "Work/hour", "Work/day", "Tax", and "Net Pro/Loss". Below the table are four buttons: "ADD REC", "UPLOAD", "NET SALARY", "RESET", and "NEXT".

### Login as ADMIN

1. Admin need to fill the Employee Section such as salary per hour, number of hours work, number of day work in month, tax to get the net salary.
2. Click Net Salary button to calculate the Net Salary.
3. Click Add Rec button to display information in the table.
4. Click Upload button to store the data in the text file permanently.
5. Click Reset button to reset all the information and enter the new information.
6. Click Next button to move to the next page.

## 8) FINANCE SECTION

The screenshot shows a Windows-style application window titled "FINANCE SECTION". The window is divided into two main sections. The left section contains personal information: NAME : ZAQUAN SHAH, POSITION : ACCOUNTANT, and GENDER : MALE. Below this is a table with columns: Bill, Advertising, Salary, Sales, and Net Profit. The right section contains financial fields: BILL COST, ADVERTISING COST, MANAGER SALARY, SALES, and PROFIT/LOSS. At the bottom are four buttons: ADD, UPLOAD, PROFIT / LOSS, NEXT, and EXIT.

Bill	Advertising	Salary	Sales	Net Profit

NAME : ZAQUAN SHAH  
POSITION : ACCOUNTANT  
GENDER : MALE

BILL COST        
ADVERTISING COST        
MANAGER SALARY        
SALES        
PROFIT/LOSS     

**ADD**      **UPLOAD**      **PROFIT / LOSS**      **NEXT**      **EXIT**

1. Admin need to fill the finance information such as bill cost, advertising cost, manager salary,sales to get net profit or loss.
2. Click Profit/Loss button to calculate the net profit.
3. Click Add button to display all the information in the table.
4. Click Upload button to store the data in the text file permanently.
5. Click Exit button to End the system.

## 4.0 OOP Concept

## Constructor

## RESTAURANT

```
48*     */
49     * Create the frame.
50     */
51 public LoginPswd() {
52     setTitle("Log in");
53     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
54     setBounds(0, 0, 911, 776); //set for 0,0,1400,800
55     contentPane = new JPanel();
56     contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
57     setContentPane(contentPane);
58     contentPane.setLayout(null);
59
60
61     */
62     */
63     */
64     */
65     */
66 public employee() {
67     setTitle("Employee");
68     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
69     setBounds(100, 100, 1237, 764);
70     contentPane = new JPanel();
71     contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
72     setContentPane(contentPane);
73     contentPane.setLayout(null);
74
75     JPanel panel = new JPanel();
76     panel.setBackground(new Color(224, 255, 255));
```

## **TOURISM BUSINESS COMPANY**

```
84④     public Employee() {
85         setType(Type.UTILITY);
86         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
87         setBounds(100, 100, 1166, 713);

63④     public HomePage() {
64         setType(Type.UTILITY);
65         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
66         setBounds(100, 100, 915, 689);
```

## DESTINATIONS

```
51⊕  public Home() {  
52      setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
53      setBounds(100, 100, 987, 589);  
54      contentPane = new JPanel();  
55      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
56      setContentPane(contentPane);  
57      contentPane.setLayout(null);  
58
```

```
51⊕  public Login() {  
52      setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
53      setBounds(100, 100, 982, 582);  
54      contentPane = new JPanel();  
55      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
56      setContentPane(contentPane);  
57      contentPane.setLayout(null);
```

## TRAVEL & TRANSPORT

```
public Home() {  
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
    setBounds(100, 100, 834, 509);  
    contentPane = new JPanel();  
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
    setContentPane(contentPane);  
    contentPane.setLayout(null);
```

## FEEDBACK

```
42      J  
43  
44⊕  public login() {  
45      setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
46      setBounds(100, 100, 1370, 774);  
47      contentPane = new JPanel();  
48      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
49      setContentPane(contentPane);  
50      contentPane.setLayout(null);  
51  
52      JPanel panel = new JPanel();  
53      panel.setLayout(null);  
54      panel.setBorder(new LineBorder(new Color(34, 139, 34), 10, true));  
55      panel.setBounds(0, 0, 1341, 722);  
56      contentPane.add(panel);  
57⊕  public Employees1() {  
58      setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);  
59      setBounds(100, 100, 1365, 773);  
60      contentPane = new JPanel();  
61      contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));  
62      setContentPane(contentPane);  
63      contentPane.setLayout(null);  
64  
65      JPanel panel = new JPanel();  
66      panel.setLayout(null);  
67      panel.setBorder(new LineBorder(new Color(34, 139, 34), 10, true));  
68      panel.setBounds(0, 0, 1341, 722);  
69      contentPane.add(panel);  
70
```

## HOTEL

```
43⊕ public Login() {
44     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
45     setBounds(100, 100, 872, 474);
46     getContentPane().setLayout(null);
47     getContentPane().setLayout(null);
48     getContentPane().setLayout(null);
49

54⊕ public Employee() {
55     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
56     setBounds(100, 100, 871, 475);
57     contentPane = new JPanel();
58     contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
59     setContentPane(contentPane);
60     contentPane.setLayout(null);
61
```

## Encapsulation

## RESTAURANT

```
1
2
3 package restaurant;
4
5⊕ import java.awt.BorderLayout;[]
37
38 public class order extends JFrame {
39
40     private JPanel contentPane;
41     private JTextField name;
42     private JTextField phone;
43     private JTextField table;
44     private JTextField totalPrice;
45     private JTextField Burger;
46     private JTextField spa;
47     private JTextField chicken;
48     private JTextField carrot;
49     private JTextField apple;
50     private JTextField orange;
51     private JFrame frame;
52     private String pBurger, pSpaghetti, pChickenChop, pCarrot, pApple, pOrange;
53     String totalPrice;
54     double[] itemcost=new double[20];
55
56⊕ /**
```

```

574     itemcost[1]=Double.parseDouble(spa.getText())*(priceSpaghetti);
575     itemcost[2]=Double.parseDouble(chicken.getText())*(priceChickenChop);
576     itemcost[3]=Double.parseDouble(carrot.getText())*(priceCarrot);
577     itemcost[4]=Double.parseDouble(apple.getText())*(priceApple);
578     itemcost[5]=Double.parseDouble(orange.getText())*(priceOrange);

579
580
581     itemcost[6]=itemcost[0]+itemcost[1]+itemcost[2];
582     itemcost[7]=itemcost[3]+itemcost[4]+itemcost[5];
583     itemcost[8]=itemcost[6]+itemcost[7];

584
585     itotalPrice=String.format("RM %.2f", itemcost[8]);
586     totalPrice.setText(itotalPrice);

587
588     receipt.append("\t      Crowne Restaurant"\n\t
589                 +"\\n\\t      Pantai Cenang, Langkawi"\n\t
590                 +"\\n\\t      "+ "www.CrowneRestaurantHotel.com"\n\t
591                 +"\\nCustomer Name:\\t"+name.getText()+
592                 +"\\nPhone No:\\t\\t"+phone.getText()+
593                 +"\\nTable No:\\t\\t"+table.getText()+
594                 +"\\n\\nBurger\\t\\t"+Burger.getText()+
595                 +"\\nSpaghetti\\t\\t"+spa.getText()+
596                 +"\\nChicken Chop\\t\\t"+chicken.getText()+
597                 +"\\nCarrot Juice\\t\\t"+carrot.getText()+
598                 +"\\nApple Juice\\t\\t"+apple.getText()+
599                 +"\\nOrange Juice\\t\\t"+orange.getText()+
600                 +"\\n\\nTotal Price\\t\\t"+itotalPrice+
601                 +"\\n\\n=====\n\\n\\tThank You Use Our Service "
602 );
603
604

```

---

## TOURISM BUSINESS COMPANY

```

576     wages = Double.parseDouble(WagesperhoursField.getText());
577     workHours = Double.parseDouble(WorkhoursField.getText());
578     numOfdays = Integer.parseInt(NumofdaysworkField.getText());

579
580
581     salary = (wages*workHours)*numOfdays;
582     Tax = salary*tax;
583     netSalary = salary - Tax;

584
585     SalaryField.setText(Double.toString(salary));
586     TaxField.setText(Double.toString(Tax));
587     NetsalaryField.setText(Double.toString(netSalary));

337     price = Double.parseDouble(PriceField.getText());
338     tax = Double.parseDouble(TaxField.getText());

339
340     double Tax = price*tax;
341     totPrice = price - tax;

342
343     TotalPriceField.setText(Double.toString(totPrice));
344     TaxField.setText(Double.toString(Tax));

```

## DESTINATIONS

```
1 package destina[Destinations/src/destinations/Login.java]
2
3 import java.awt.BorderLayout;
4 import java.awt.EventQueue;
5
6 import javax.swing.JFrame;
7 import javax.swing.JPanel;
8 import javax.swing.border.EmptyBorder;
9 import javax.swing.border.MatteBorder;
10 import java.awt.Color;
11 import javax.swing.JLabel;
12 import javax.swing.JOptionPane;
13
14 import java.awt.Font;
15 import javax.swing.JTextField;
16 import java.awt.event.ActionListener;
17 import java.io.BufferedWriter;
18 import java.io.File;
19 import java.io.FileWriter;
20 import java.awt.event.ActionEvent;
21 import javax.swing.JButton;
22 import javax.swing.JScrollPane;
23 import javax.swing.JTable;
24 import javax.swing.table.DefaultTableModel;
25 import javax.swing.SwingConstants;
26 import java.awt.SystemColor;
27 import javax.swing.ImageIcon;
28
29 public class EmployeeManage extends JFrame {
30
31     private JPanel contentPane;
32     private JFrame frame ;
33     private JTextField MonthField;
34     private JTextField NumWorkField;
35     private JTextField NumMonthField;
36     private JTextField TaxField;
37     private JTextField netField;
38     private JTable table;
```

```
314         double tax;
315         double Tax;
316         double salaryperhour ;
317         double NumWork;
318         double NumDays;
319         double netsalary;
320         double Salary;
321
322         salaryperhour = Double.parseDouble(MonthField.getText());
323         NumWork = Double.parseDouble(NumWorkField.getText());
324         NumDays = Integer.parseInt(NumMonthField.getText());
325         tax = Double.parseDouble(TaxField.getText());
326
327         Salary = (salaryperhour*NumWork)*NumDays;
328         Tax = Salary*tax;
329         netsalary = Salary - Tax ;
330
331         netField.setText(Double.toString(netsalary));
332
333     }
334 });
335 }
```

## TRAVEL & TRANSPORT

```
 JButton CalculateButton = new JButton("CALCULATE");
CalculateButton.addActionListener(new ActionListener() {

    double tax;
    double Tax;
    double wages;
    double workHours;
    int numOfdays;
    double salary;
    double netSalary;

    public void actionPerformed(ActionEvent e) {

        wages = Double.parseDouble(txtPerHour.getText());
        workHours = Double.parseDouble(txtInHour.getText());
        numOfdays = Integer.parseInt(txtPerMonth.getText());
        tax = Double.parseDouble(txtEnterTax.getText());

        salary = (wages*workHours)*numOfdays;
        Tax = salary*tax;
        netSalary = salary - Tax;

        txtSalary.setText(Double.toString(salary));
        txtEnterTax.setText(Double.toString(Tax));
        txtNetSalary.setText(Double.toString(netSalary));
    }
});;
CalculateButton.setFont(new Font("Bell MT", Font.BOLD, 15));
CalculateButton.setBackground(Color.LIGHT_GRAY);
CalculateButton.setBounds(463, 11, 150, 27);
panel_5.add(CalculateButton);
```

## FEEDBACK

```
public class finances extends JFrame {

    private JPanel contentPane;
    private JTable table;
    private JTextField textFieldPriceTake;
    private JTextField textFieldQuantitySold;
    private JTextField textFieldCostofGoodSolds;
    private JTextField textFieldtotalrevenue;
    private JTextField textFieldProfitmargin;
    private JTextField textFieldpercentageloss;
```

```

btnEnter.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        DefaultTableModel model = (DefaultTableModel) table.getModel();
        model.addRow(new Object[] { textFieldPriceTake.getText(), textFieldQuantitySold.getText(),
            textFieldCostofGoodSolds.getText(), textFieldtotalrevenue.getText(), textFieldProfitmargin.getText(), textFieldpercentageLoss.getText(),
        });
        double PriceTake;
        double QuantitySold;
        double CostofGoodSolds;
        double totalrevenue;
        double profitmargin;
        double percentageLoss;

        PriceTake = Double.parseDouble(textFieldPriceTake.getText());
        QuantitySold = Double.parseDouble(textFieldQuantitySold.getText());

        CostofGoodSolds= Double.parseDouble(textFieldCostofGoodSolds.getText());

        totalrevenue = QuantitySold *PriceTake;
        percentageLoss=((totalrevenue-CostofGoodSolds)/totalrevenue)*100;
        profitmargin=((totalrevenue-CostofGoodSolds)/CostofGoodSolds)*100;
        textFieldtotalrevenue.setText(Double.toString(totalrevenue));

        textFieldProfitmargin.setText(Double.toString(profitmargin));
        textFieldpercentageLoss.setText(Double.toString(percentageLoss));

        if (table.getSelectedRow() == -1) {
            if (table.getRowCount() == 0) {
                JOptionPane.showMessageDialog(null, "Employee Information Confirmed",
                    "Employee Management System", JOptionPane.OK_OPTION);
            }
        }
    }
});
```

## HOTEL

```
24 public class Finance extends JFrame {
25
26     private JPanel contentPane;
27     private JFrame frame ;
28     private JTextField BillField;
29     private JTextField AddsField;
30     private JTextField ManSalaryField;
31     private JTextField SalesField;
32     private JTable table;
33     private JTextField ProLossField;
34
163         JButton profitLossButton = new JButton("PROFIT / LOSS");
164     profitLossButton.addActionListener(new ActionListener() {
165         public void actionPerformed(ActionEvent e) {
166             double bill;
167             double ads;
168             double salary;
169             double sales;
170             double cost;
171             double net;
172
173             bill = Double.parseDouble(BillField.getText());
174             ads = Double.parseDouble(AddsField.getText());
175             salary = Double.parseDouble(ManSalaryField.getText());
176             sales = Double.parseDouble(SalesField.getText());
177
178             cost = bill+ads+salary;
179             net = sales - cost ;
180
181             ProLossField.setText(Double.toString(net));
182
183         }
184     });
185 }
```

## Inheritance

### RESTAURANT

```
38 public class order extends JFrame {
39
40     private JPanel contentPane;
41     private JTextField name;
42     private JTextField phone;
43     private JTextField table;
44     private JTextField totalPrice;
45     private JTextField Burger;
46     private JTextField spa;
47     private JTextField chicken;
48     private JTextField carrot;
49     private JTextField apple;
50     private JTextField orange;
51     private JFrame frame;
52     private String pBurger, pSpaghetti, pChickenChop, pCarrot, pApple, pOrange;
53     String itotalPrice;
54     double[] itemcost=new double[20];
55     /**
56      * Launch the application.
57      */
58     public static void main(String[] args) {
59         EventQueue.invokeLater(new Runnable() {
60             public void run() {
61                 try {
62                     Sales frame = new Sales();
63                     frame.setVisible(true);
64                 } catch (Exception e) {
65                     e.printStackTrace();
66                 }
67             }
68         });
69     /**
70      * Create the frame.
71      */
72     public order(String p, String p2, String p3, String p4, String p5, String p6) {
73         this.pBurger = p; //
74         this.pSpaghetti = p2;
75         this.pChickenChop = p3;
76         this.pCarrot = p4;
77         this.pApple = p5;
78         this.pOrange = p6;
79
156             if (table.getSelectedRow() == -1) {
157                 if (table.getRowCount() == 0) {
158                     JOptionPane.showMessageDialog(null, "Sales Information Update confirmed", "Thank you",
159                                     JOptionPane.OK_OPTION);
160                 }
161             }
162         }
163         //How to read data in table
164
165         for (int i = 0 ; i < model.getRowCount() ; i++) { //use i - read only the current update of row/data
166             // null or not Integer will throw exception
167             s = String.valueOf(model.getValueAt(i, 0));
168             s1 = String.valueOf(model.getValueAt(i, 1));
169             s2 = String.valueOf(model.getValueAt(i, 2));
170             s3 = String.valueOf(model.getValueAt(i, 3));
171             s4 = String.valueOf(model.getValueAt(i, 4));
172             s5 = String.valueOf(model.getValueAt(i, 5));
173
174         }
175
176
177         try {
178             order fr = new order(s,s1,s2,s3,s4,s5); //open customer page using constructor with 5 arguments
179             fr.setVisible(true);
180         } catch (Exception ee) {
181             ee.printStackTrace();
182         }
183
184
185
186         }
187     });
188
189 }
```

## TOURISM BUSINESS COMPANY

```
35 public class CustomerBooking extends JFrame {
36
37     private JPanel contentPane;
38     private JFrame frame;
39     private JTextField CNameField;
40     private JTextField PhoneNumField;
41     private JTextField CEmailField;
42     private JTable table;
43     private JTextField DepositField;
44     private JTextField TotalPriceField;
45     private String pSPackage, pFPackage;
46     private JTextField BookDateField;
47
48
49     /**
50      * Launch the application.
51     */
52     public static void main(String[] args) {
53         EventQueue.invokeLater(new Runnable() {
54             public void run() {
55                 try {
56                     PackagePrice PP = new PackagePrice();
57                     PP.setVisible(true);
58                 } catch (Exception e) {
59                     e.printStackTrace();
60                 }
61             }
62         });
63     }
64
65     /**
66      * Create the frame.
67     */
68
69     public CustomerBooking(String p, String p2) {
70         this.pSPackage = p;
71         this.pFPackage = p2;
72
73         JButton AddRecButton = new JButton("ADD RECORD");
74         AddRecButton.addActionListener(new ActionListener() {
75             public void actionPerformed(ActionEvent e) {
76                 DefaultTableModel model = (DefaultTableModel) table.getModel();
77                 model.addRow(new Object[] {
78
79                     SPackageField.getText(),
80                     FPackageField.getText(),
81                 });
82
83                 if (table.getSelectedRow() == -1) {
84                     if (table.getRowCount() == 0) {
85                         JOptionPane.showMessageDialog(null, "Package Price Update confirmed", "Thank you",
86                                         JOptionPane.OK_OPTION);
87                     }
88                 }
89
90                 for(int i = 0; i<model.getRowCount(); i++) {
91                     s = String.valueOf(model.getValueAt(i, 0));
92                     s1 = String.valueOf(model.getValueAt(i, 1));
93
94                     try {
95                         CustomerBooking CB = new CustomerBooking(s,s1); //open customer page using constructor with 2 arguments
96                         CB.setVisible(true);
97                     }
98                     catch(Exception ee) {
99                         ee.printStackTrace();
100                    }
101                }
102            }
103        });
104        AddRecButton.setBackground(new Color(0, 206, 209));
105        AddRecButton.setFont(new Font("Arial Black", Font.BOLD, 13));
106        AddRecButton.setBounds(20, 111, 149, 23);
107        panel.add(AddRecButton);
108    }
109}
```

## DESTINATIONS

```
29 public class FinanceManage extends JFrame {
30
31     private JPanel contentPane;
32     private JFrame frame ;
33     private JTextField BillField;
34     private JTextField AddsField;
35     private JTextField ManSalaryField;
36     private JTextField SalesField;
37     private JTable table;
38     private JTextField ProLossField;
39
40     /**
41      * Launch the application.
42     */
43     public static void main(String[] args) {
44         EventQueue.invokeLater(new Runnable() {
45             public void run() {
46                 try {
47                     FinanceManage frame = new FinanceManage();
48                     frame.setVisible(true);
49                 } catch (Exception e) {
50                     e.printStackTrace();
51                 }
52             }
53         });
54     }
55 }
```

```
261     if (table.getSelectedRow() == -1) {
262         if (table.getRowCount() == 0) {
263             JOptionPane.showMessageDialog(null, "Membership Update confirmed", "Membership Management System", JOptionPane.OK_OPTION);
264         }
265     }
266 }
267 );
268 );
269 ADDfButton_1.setFont(new Font("Times New Roman", Font.BOLD, 15));
270 JButton UploadButton = new JButton("UPLOAD");
271 UploadButton.setBackground(SystemColor.activeCaption);
272 UploadButton.setBounds(203, 21, 105, 38);
273 panel_3.add(UploadButton);
274 UploadButton.addActionListener(new ActionListener() {
```

## TRAVEL & TRANSPORT

```
27
28 public class CustomerRegistration extends JFrame {
29
30     private JPanel contentPane;
31     private JFrame frame;
32     private JTextField NametextField;
33     private JTextField ICNumbertextField;
34     private JTextField PhoneNotextField;
35     private JTable table;
36
37     /**
38      * Launch the application.
39      */
40     public static void main(String[] args) {
41         EventQueue.invokeLater(new Runnable() {
42             public void run() {
43                 try {
44                     CustomerRegistration frame = new CustomerRegistration();
45                     frame.setVisible(true);
46                 } catch (Exception e) {
47                     e.printStackTrace();
48                 }
49             }
50         });
51     }
52
53     /**
54      * Create the frame.
55      */
56     public CustomerRegistration() {
57         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
58         setBounds(100, 100, 832, 506);
59         contentPane = new JPanel();
60         contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
61
62         // Set up the content pane
63         getContentPane().add(contentPane);
64
65         // Set up the menu bar
66         JMenuBar menuBar = new JMenuBar();
67         setJMenuBar(menuBar);
68
69         // Set up the toolbar
70         JToolBar toolbar = new JToolBar();
71         menuBar.add(toolbar);
72
73         // Set up the status bar
74         JStatusBar statusBar = new JStatusBar();
75         menuBar.add(statusBar);
76
77         // Set up the scroll pane
78         JScrollPane scrollPane = new JScrollPane(table);
79         contentPane.add(scrollPane);
80
81         // Set up the table
82         table = new JTable();
83         scrollPane.setViewportView(table);
84
85         // Set up the text fields
86         NametextField = new JTextField("Name");
87         ICNumbertextField = new JTextField("IC Number");
88         PhoneNotextField = new JTextField("Phone Number");
89
90         // Set up the buttons
91         JButton button1 = new JButton("Submit");
92         JButton button2 = new JButton("Cancel");
93
94         // Set up the layout
95         contentPane.setLayout(new GridLayout(3, 2));
96
97         contentPane.add(NametextField, "Name");
98         contentPane.add(ICNumbertextField, "IC Number");
99         contentPane.add(PhoneNotextField, "Phone Number");
100        contentPane.add(button1, "Submit");
101        contentPane.add(button2, "Cancel");
102    }
103}
```

## FEEDBACK

```
-- 197 	btnUpdate.addMouseListener(new MouseAdapter() {
198 	@Override
▲199 	public void mouseClicked(MouseEvent e) {
200 	DefaultTableModel model = (DefaultTableModel)table.getModel();
201 	int i = table.getSelectedRow();
202 	if(i>=0) {
203 	model.setValueAt(textFieldID.getText(),i,0);
204 	model.setValueAt(textFieldName.getText(),i,1);
205 	model.setValueAt(textFieldPhoneNumber.getText(),i,2);
206 	model.setValueAt(textFieldPosition.getText(),i,3);
207 	model.setValueAt(textFieldMonthSalary.getText(),i,4);
208 	model.setValueAt(textFieldNumberofDaysWork.getText(),i,5);
209 	model.setValueAt(textFieldNumbersofDayMonth.getText(),i,6);
210 	JOptionPane.showMessageDialog(null, "Update Successfully");
211 	}
212 	else
213 	{
214 	JOptionPane.showMessageDialog(null, "Please select a row first!");
215 	}
216 	}
217 });
218

▲264 	public void actionPerformed(ActionEvent e) {
265 	DefaultTableModel model = (DefaultTableModel) table.getModel();
266 	model.addRow(new Object[]{
267 	textFieldID.getText(),
268 	textFieldName.getText(),
269 	textFieldPhoneNumber.getText(),
270 	textFieldPosition.getText(),
271 	textFieldMonthSalary.getText(),
272 	textFieldNumberofDaysWork.getText(),
273 	textFieldNumbersofDayMonth.getText(),
274 	});
275 	double MonthSalary;
276 	double NumberofDayWork;
277 	double NumbersofDayMonth;
278 	double Tax;
279 	double totalsalary;
280 	double TotalNetSalary;
281
282 	MonthSalary = Double.parseDouble(textFieldMonthSalary.getText());
283 	NumberofDayWork = Double.parseDouble(textFieldNumberofDaysWork.getText());
284
285 	NumbersofDayMonth= Double.parseDouble(textFieldNumbersofDayMonth.getText());
286
287 	totalsalary=(MonthSalary* NumberofDayWork )/NumbersofDayMonth;
288 	Tax = totalsalary*0.1;
289 >TotalNetSalary=totalsalary-Tax;
290 	textFieldTotalsalary.setText(Double.toString(totalsalary));
291
292
293 	textFieldTotalNetSalary.setText(Double.toString(TotalNetSalary));
294
295 	if (table.getSelectedRow() == -1) {
296 	if (table.getRowCount() == 0) {
297 	JOptionPane.showMessageDialog(null, "Employee Update confirmed", "Employee Management System",
298 	JOptionPane.OK_OPTION);
299 	}
300 }
301 }
```

## HOTEL

```
24 public class Employee extends JFrame {  
25  
26     private JPanel contentPane;  
27     private JFrame frame ;  
28     private JTextField MonthField;  
29     private JTextField NumWorkField;  
30     private JTextField NumMonthField;  
31     private JTextField TaxField;  
32     private JTextField netField;  
33     private JTable table;  
34  
165         JButton netButton = new JButton("NET SALARY");  
166         netButton.setBounds(10, 90, 131, 40);  
167         panel_2.add(netButton);  
168         netButton.addActionListener(new ActionListener() {  
△169         public void actionPerformed(ActionEvent e) {  
170             double tax;  
171             double Tax;  
172             double salaryperhour ;  
173             double NumWork;  
174             double NumDays;  
175             double netsalary;  
176             double Salary;  
177  
178             salaryperhour = Double.parseDouble(MonthField.getText());  
179             NumWork = Double.parseDouble(NumWorkField.getText());  
180             NumDays = Integer.parseInt(NumMonthField.getText());  
181             tax = Double.parseDouble(TaxField.getText());  
182  
183             Salary = (salaryperhour*NumWork)*NumDays;  
184             Tax = Salary*tax;  
185             netsalary = Salary - Tax ;  
186  
187             netField.setText(Double.toString(netsalary));  
188
```

## File I/O

### RESTAURANT

```
202
203     apple = new JTextField();
204     apple.setColumns(10);
205     apple.setBounds(110, 217, 86, 20);
206     panel.add(apple);
207
208     orange = new JTextField();
209     orange.setColumns(10);
210     orange.setBounds(110, 241, 86, 20);
211     panel.add(orange);
212
213     JButton btnUpload = new JButton("UPLOAD");
214     btnUpload.addActionListener(new ActionListener() {
215         public void actionPerformed(ActionEvent e) {
216             try {
217                 File file = new File("C:\\\\Users\\\\muhammad ikram hazim\\\\Documents\\\\restaurant 2.0\\\\src\\\\gui\\\\OrderData.txt");
218                 if(!file.exists()) {
219                     file.createNewFile();
220                 }
221                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
222                 BufferedWriter bw = new BufferedWriter(fw);
223
224                 for (int i=0; i<table.getRowCount(); i++) {
225                     for (int j=0; j<table.getColumnCount(); j++) {
226                         bw.write(table.getModel().getValueAt(i, j) + " ");
227                     }
228                     bw.write("\n_____\\n");
229                 }
230                 bw.close();
231                 fw.close();
232                 JOptionPane.showMessageDialog(null, "Data Exported");
233             } catch(Exception ex) {
234                 ex.printStackTrace();
235             }
236         }
237     });
238     btnUpload.setBounds(176, 319, 120, 23);
239     panel.add(btnUpload);
240
241
```

```
202
203     apple = new JTextField();
204     apple.setColumns(10);
205     apple.setBounds(110, 217, 86, 20);
206     panel.add(apple);
207
208     orange = new JTextField();
209     orange.setColumns(10);
210     orange.setBounds(110, 241, 86, 20);
211     panel.add(orange);
212
213     JButton btnUpload = new JButton("UPLOAD");
214     btnUpload.addActionListener(new ActionListener() {
215         public void actionPerformed(ActionEvent e) {
216             try {
217                 File file = new File("C:\\\\Users\\\\muhammad ikram hazim\\\\Documents\\\\restaurant 2.0\\\\src\\\\gui\\\\OrderData.txt");
218                 if(!file.exists()) {
219                     file.createNewFile();
220                 }
221                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
222                 BufferedWriter bw = new BufferedWriter(fw);
223
224                 for (int i=0; i<table.getRowCount(); i++) {
225                     for (int j=0; j<table.getColumnCount(); j++) {
226                         bw.write(table.getModel().getValueAt(i, j) + " ");
227                     }
228                     bw.write("\n_____\\n");
229                 }
230                 bw.close();
231                 fw.close();
232                 JOptionPane.showMessageDialog(null, "Data Exported");
233             } catch(Exception ex) {
234                 ex.printStackTrace();
235             }
236         }
237     });
238     btnUpload.setBounds(176, 319, 120, 23);
239     panel.add(btnUpload);
240
241
```

## TOURISM BUSINESS COMPANY

```
594 JButton btnUpload = new JButton("UPLOAD");
595 btnUpload.addActionListener(new ActionListener() {
596     public void actionPerformed(ActionEvent e) {
597         try {
598             File file = new File("C:\\\\Users\\\\User\\\\OneDrive\\\\Documents\\\\A202\\\\PROGRAMMING 2\\\\Assignment 3\\\\src\\\\Employee.txt");
599             if(!file.exists()) {
600                 file.createNewFile();
601             }
602             FileWriter fw = new FileWriter(file.getAbsoluteFile());
603             BufferedWriter bw = new BufferedWriter(fw);
604
605             for (int i=0; i<table.getRowCount(); i++) {
606                 for (int j=0; j<table.getColumnCount(); j++) {
607                     bw.write(table.getModel().getValueAt(i, j) + " ");
608                 }
609                 bw.write("\n_____\n");
610             }
611             bw.close();
612             fw.close();
613             JOptionPane.showMessageDialog(null, "Data Exported");
614         } catch(Exception ex) {
615             ex.printStackTrace();
616         }
617     }
618 }
619
620
621 JButton UploadButton = new JButton("UPLOAD");
622 UploadButton.addActionListener(new ActionListener() {
623     public void actionPerformed(ActionEvent e) {
624         try {
625             File file = new File("C:\\\\Users\\\\User\\\\OneDrive\\\\Documents\\\\A202\\\\PROGRAMMING 2\\\\Assignment 3\\\\src\\\\CustomerBooking.txt");
626             if(!file.exists()) {
627                 file.createNewFile();
628             }
629             FileWriter fw = new FileWriter(file.getAbsoluteFile());
630             BufferedWriter bw = new BufferedWriter(fw);
631
632             for (int i=0; i<table.getRowCount(); i++) {
633                 for (int j=0; j<table.getColumnCount(); j++) {
634                     bw.write(table.getModel().getValueAt(i, j) + " ");
635                 }
636                 bw.write("\n_____\n");
637             }
638             bw.close();
639             fw.close();
640             JOptionPane.showMessageDialog(null, "Data Exported");
641         } catch(Exception ex) {
642             ex.printStackTrace();
643         }
644     }
645 });
646 UploadButton.setBounds(488, 26, 138, 27);
647 panel_6.add(UploadButton);
648 UploadButton.setFont(new Font("Arial Black", Font.BOLD, 20));
649 UploadButton.setBackground(new Color(0, 206, 209));
```

## DESTINATIONS

```
225 JButton UploadButton = new JButton("UPLOAD");
226 UploadButton.addActionListener(new ActionListener() {
227     public void actionPerformed(ActionEvent e) {
228         try {
229             File file = new File("C:\\\\Users\\\\HP\\\\eclipse-workspace\\\\Destinations\\\\src\\\\destinations\\\\CustomerRegistrationFile.txt");
230             if(!file.exists()) {
231                 file.createNewFile();
232             }
233             FileWriter fw = new FileWriter(file.getAbsoluteFile());
234             BufferedWriter bw = new BufferedWriter(fw);
235
236             for (int i=0; i<table.getRowCount(); i++) {
237                 for (int j=0; j<table.getColumnCount(); j++) {
238                     bw.write(table.getModel().getValueAt(i, j) + " ");
239                 }
240                 bw.write("\n_____\\n");
241             }
242             bw.close();
243             fw.close();
244             JOptionPane.showMessageDialog(null, "Data Exported");
245         } catch(Exception ex) {
246             ex.printStackTrace();
247         }
248     }
249 }
250 );
251 UploadButton.setFont(new Font("Times New Roman", Font.BOLD, 15));
252 UploadButton.setBackground(SystemColor.activeCaption);
253 UploadButton.setBounds(418, 11, 118, 32);
254 panel_5.add(UploadButton);
```

```

248     JButton UploadButton = new JButton("UPLOAD");
249     UploadButton.setBackground(SystemColor.activeCaption);
250     UploadButton.setBounds(259, 10, 103, 40);
251     panel_2.add(UploadButton);
252     UploadButton.addActionListener(new ActionListener() {
253         public void actionPerformed(ActionEvent e) {
254             try {
255                 File file = new File("C:\\\\Users\\\\HP\\\\eclipse-workspace\\\\Destinations\\\\src\\\\destinations\\\\Employee.txt");
256                 if(!file.exists()) {
257                     file.createNewFile();
258                 }
259                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
260                 BufferedWriter bw = new BufferedWriter(fw);
261
262                 for (int i=0; i<table.getRowCount(); i++) {
263                     for (int j=0; j<table.getColumnCount(); j++) {
264                         bw.write(table.getModel().getValueAt(i, j) + " ");
265                     }
266                     bw.write("\n_____\n");
267                 }
268                 bw.close();
269                 fw.close();
270                 JOptionPane.showMessageDialog(null, "Data Exported");
271             } catch(Exception ex) {
272                 ex.printStackTrace();
273             }
274         }
275     });
276 );
277

```

## TRAVEL & TRANSPORT

```

JButton UploadButton = new JButton("UPLOAD");
UploadButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            File file = new File("C:\\\\Users\\\\user\\\\Desktop\\\\UUM\\\\SEM 2\\\\PROG II\\\\Assignment 3\\\\src\\\\TransportationFile.txt");
            if(!file.exists()) {
                file.createNewFile();
            }
            FileWriter fw = new FileWriter(file.getAbsoluteFile());
            BufferedWriter bw = new BufferedWriter(fw);

            for (int i=0; i<table.getRowCount(); i++) {
                for (int j=0; j<table.getColumnCount(); j++) {
                    bw.write(table.getModel().getValueAt(i, j) + " ");
                }
                bw.write("\n_____");
            }
            bw.close();
            fw.close();
            JOptionPane.showMessageDialog(null, "Data Exported");
        } catch(Exception ex) {
            ex.printStackTrace();
        }
    }
});
UploadButton.setFont(new Font("Bell MT", Font.BOLD, 15));
UploadButton.setBackground(Color.LIGHT_GRAY);
UploadButton.setBounds(364, 11, 118, 32);
panel_5.add(UploadButton);

```

## FEEDBACK

```
375
376     JButton btnUpload= new JButton("UPLOAD");
377     btnUpload.addActionListener(new ActionListener() {
378         @Override
379         public void actionPerformed(ActionEvent e) {
380             try {
381
382                 File file = new File("C:\\\\Users\\\\USER\\\\eclipse-workspace\\\\Assignment3\\\\src\\\\Employees1.txt");
383                 if(!file.exists()) {
384                     file.createNewFile();
385                 }
386                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
387                 BufferedWriter bw = new BufferedWriter(fw);
388
389                 for (int i=0; i<table.getRowCount(); i++) {
390                     for (int j=0; j<table.getColumnCount(); j++) {
391                         bw.write(table.getModel().getValueAt(i, j) + " ");
392                     }
393                     bw.write("\n_____\\n");
394                 }
395                 bw.close();
396                 fw.close();
397                 JOptionPane.showMessageDialog(null, "Data Exported");
398             } catch(Exception ex) {
399                 ex.printStackTrace();
400             }
401         }
402     });
403 });


```

```
331     JButton btnUpload = new JButton("UPLOAD");
332     btnUpload.addActionListener(new ActionListener() {
333         @Override
334         public void actionPerformed(ActionEvent e) {
335             try {
336
337                 File file = new File("C:\\\\Users\\\\USER\\\\eclipse-workspace\\\\Assignment3\\\\src\\\\finances.txt");
338                 if(!file.exists()) {
339                     file.createNewFile();
340                 }
341                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
342                 BufferedWriter bw = new BufferedWriter(fw);
343
344                 for (int i=0; i<table.getRowCount(); i++) {
345                     for (int j=0; j<table.getColumnCount(); j++) {
346                         bw.write(table.getModel().getValueAt(i, j) + " ");
347                     }
348                     bw.write("\n_____\\n");
349                 }
350                 bw.close();
351                 fw.close();
352                 JOptionPane.showMessageDialog(null, "Data Exported");
353             } catch(Exception ex) {
354                 ex.printStackTrace();
355             }
356         }
357     });
358 });


```

## HOTEL

```
246     JButton UploadButton = new JButton("UPLOAD");
247     UploadButton.addActionListener(new ActionListener() {
248         public void actionPerformed(ActionEvent e) {
249             try {
250                 File file = new File("C:\\Users\\Asus\\eclipse-workspace\\Assignment3\\src\\Employee.txt");
251                 if(!file.exists()) {
252                     file.createNewFile();
253                 }
254                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
255                 BufferedWriter bw = new BufferedWriter(fw);
256
257                 for (int i=0; i<table.getRowCount(); i++) {
258                     for (int j=0; j<table.getColumnCount(); j++) {
259                         bw.write(table.getModel().getValueAt(i, j) + " ");
260                     }
261                     bw.write("\n____\n");
262                 }
263                 bw.close();
264                 fw.close();
265                 JOptionPane.showMessageDialog(null, "Data Exported");
266             } catch(Exception ex) {
267                 ex.printStackTrace();
268             }
269         }
270     }
271
272     JButton UploadButton = new JButton("UPLOAD");
273     UploadButton.addActionListener(new ActionListener() {
274         public void actionPerformed(ActionEvent e) {
275             try {
276                 File file = new File("C:\\Users\\Asus\\eclipse-workspace\\Assignment3\\src\\Finance.txt");
277                 if(!file.exists()) {
278                     file.createNewFile();
279                 }
280                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
281                 BufferedWriter bw = new BufferedWriter(fw);
282
283                 for (int i=0; i<table.getRowCount(); i++) {
284                     for (int j=0; j<table.getColumnCount(); j++) {
285                         bw.write(table.getModel().getValueAt(i, j) + " ");
286                     }
287                     bw.write("\n____\n");
288                 }
289                 bw.close();
290                 fw.close();
291                 JOptionPane.showMessageDialog(null, "Data Exported");
292             } catch(Exception ex) {
293                 ex.printStackTrace();
294             }
295         }
296     }
297 }
```

## Exception Handling

### RESTAURANT

```
310     JButton btnPrint = new JButton("Print");
311     btnPrint.addActionListener(new ActionListener() {
312         public void actionPerformed(ActionEvent arg0) { //change e with other variable
313             try {
314                 table.print();
315             } catch (java.awt.print.PrinterException e) {
316                 System.err.format("No printer found", e.getMessage());
317             }
318         }
319     });
320
321     JButton btnUpload = new JButton("Upload");
322     btnUpload.setBounds(398, 33, 121, 37);
323     panel_4.add(btnUpload);
324     btnUpload.addActionListener(new ActionListener() {
325         public void actionPerformed(ActionEvent e) {
326             try {
327                 File file = new File("C:\\\\Users\\\\muhammad ikram hazim\\\\Documents\\\\restaurant 2.0\\\\src\\\\gui\\\\ReservationData.txt");
328                 if(!file.exists()) {
329                     file.createNewFile();
330                 }
331                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
332                 BufferedWriter bw = new BufferedWriter(fw);
333
334                 for (int i=0; i<table.getRowCount(); i++) {
335                     for (int j=0; j<table.getColumnCount(); j++) {
336                         bw.write(table.getModel().getValueAt(i, j) + " ");
337                     }
338                     bw.write("\n_____\\n");
339                 }
340                 bw.close();
341                 fw.close();
342                 JOptionPane.showMessageDialog(null, "Data Exported");
343             } catch(Exception ex) {
344                 ex.printStackTrace();
345             }
346         }
347     });
348 }
```

### TOURISM BUSINESS COMPANY

```
66     public static void main(String[] args) {
67         EventQueue.invokeLater(new Runnable() {
68             public void run() {
69                 try {
70                     Employee frame = new Employee();
71                     frame.setVisible(true);
72                 } catch (Exception e) {
73                     e.printStackTrace();
74                 }
75             }
76         });
77     }
```

```

363     try {
364         File file = new File("C:\\\\Users\\\\User\\\\OneDrive\\\\Documents\\\\A202\\\\PROGRAMMING 2\\\\Assignment 3\\\\src\\\\CustomerBooking.txt");
365         if(!file.exists()) {
366             file.createNewFile();
367         }
368         FileWriter fw = new FileWriter(file.getAbsoluteFile());
369         BufferedWriter bw = new BufferedWriter(fw);
370
371         for (int i=0; i<table.getRowCount(); i++) {
372             for (int j=0; j<table.getColumnCount(); j++) {
373                 bw.write(table.getModel().getValueAt(i, j) + " ");
374             }
375             bw.write("\n_____\n");
376         }
377         bw.close();
378         fw.close();
379         JOptionPane.showMessageDialog(null, "Data Exported");
380     }
381     catch(Exception ex) {
382         ex.printStackTrace();
383     }
384 }

```

## DESTINATIONS

```

256     JButton BackButton = new JButton("EXIT");
257     BackButton.addActionListener(new ActionListener() {
258         public void actionPerformed(ActionEvent e) {
259             frame = new JFrame(); //Action for Exit Button
260             if (JOptionPane.showConfirmDialog(frame, "Confirm if you want to exit", "Login",
261                 JOptionPane.YES_NO_OPTION) == JOptionPane.YES_NO_OPTION) {
262                 System.exit(0);
263             }
264         }
265     });
266
267     JButton UploadButton = new JButton("UPLOAD");
268     UploadButton.addActionListener(new ActionListener() {
269         public void actionPerformed(ActionEvent e) {
270             try {
271                 File file = new File("C:\\\\Users\\\\HP\\\\eclipse-workspace\\\\Destinations\\\\src\\\\destinations\\\\CustomerRegistrationFile.txt");
272                 if(!file.exists()) {
273                     file.createNewFile();
274                 }
275                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
276                 BufferedWriter bw = new BufferedWriter(fw);
277
278                 for (int i=0; i<table.getRowCount(); i++) {
279                     for (int j=0; j<table.getColumnCount(); j++) {
280                         bw.write(table.getModel().getValueAt(i, j) + " ");
281                     }
282                     bw.write("\n_____ \n");
283                 }
284                 bw.close();
285                 fw.close();
286                 JOptionPane.showMessageDialog(null, "Data Exported");
287             }
288             catch(Exception ex) {
289                 ex.printStackTrace();
290             }
291         }
292     });
293 }

```

## TRAVEL & TRANSPORT

```
 JButton UploadButton = new JButton("UPLOAD");
UploadButton.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        try {
            File file = new File("C:\\\\Users\\\\user\\\\Desktop\\\\UUM\\\\SEM 2\\\\PROG II\\\\Assignment 3\\\\src\\\\FinanceFile.txt");
            if(!file.exists()) {
                file.createNewFile();
            }
            FileWriter fw = new FileWriter(file.getAbsoluteFile());
            BufferedWriter bw = new BufferedWriter(fw);

            for (int i=0; i
```

## FEEDBACK

```
207     JButton btnPrint = new JButton("PRINT");
208     btnPrint.addActionListener(new ActionListener() {
209         public void actionPerformed(ActionEvent Print) {
210             try {
211                 table.print();
212             } catch (java.awt.print.PrinterException e) {
213                 System.err.format("No printer found", e.getMessage());
214             }
215         }
216     });
217     btnPrint.setForeground(Color.BLACK);
218     btnPrint.setFont(new Font("Dialog", Font.BOLD, 25));
219     btnPrint.setBackground(Color.RED);
220     btnPrint.setBounds(10, 10, 160, 48);
221     panelPrint.add(btnPrint);
222
223     JPanel panelDelete = new JPanel();
224     panelDelete.setLayout(null);
225     panelDelete.setBorder(new LineBorder(Color.YELLOW, 5, true));
226     panelDelete.setBackground(Color.WHITE);
227     panelDelete.setBounds(263, 33, 180, 68);
228     panelButton.add(panelDelete);
229 }
```

```

330
331     JButton btnUpload = new JButton("UPLOAD");
332     btnUpload.addActionListener(new ActionListener() {
333         @Override
334         public void actionPerformed(ActionEvent e) {
335             try {
336
337                 File file = new File("C:\\\\Users\\\\USER\\\\eclipse-workspace\\\\Assignment3\\\\src\\\\finances.txt");
338                 if(!file.exists()) {
339                     file.createNewFile();
340                 }
341                 FileWriter fw = new FileWriter(file.getAbsoluteFile());
342                 BufferedWriter bw = new BufferedWriter(fw);
343
344                 for (int i=0; i

```

## HOTEL

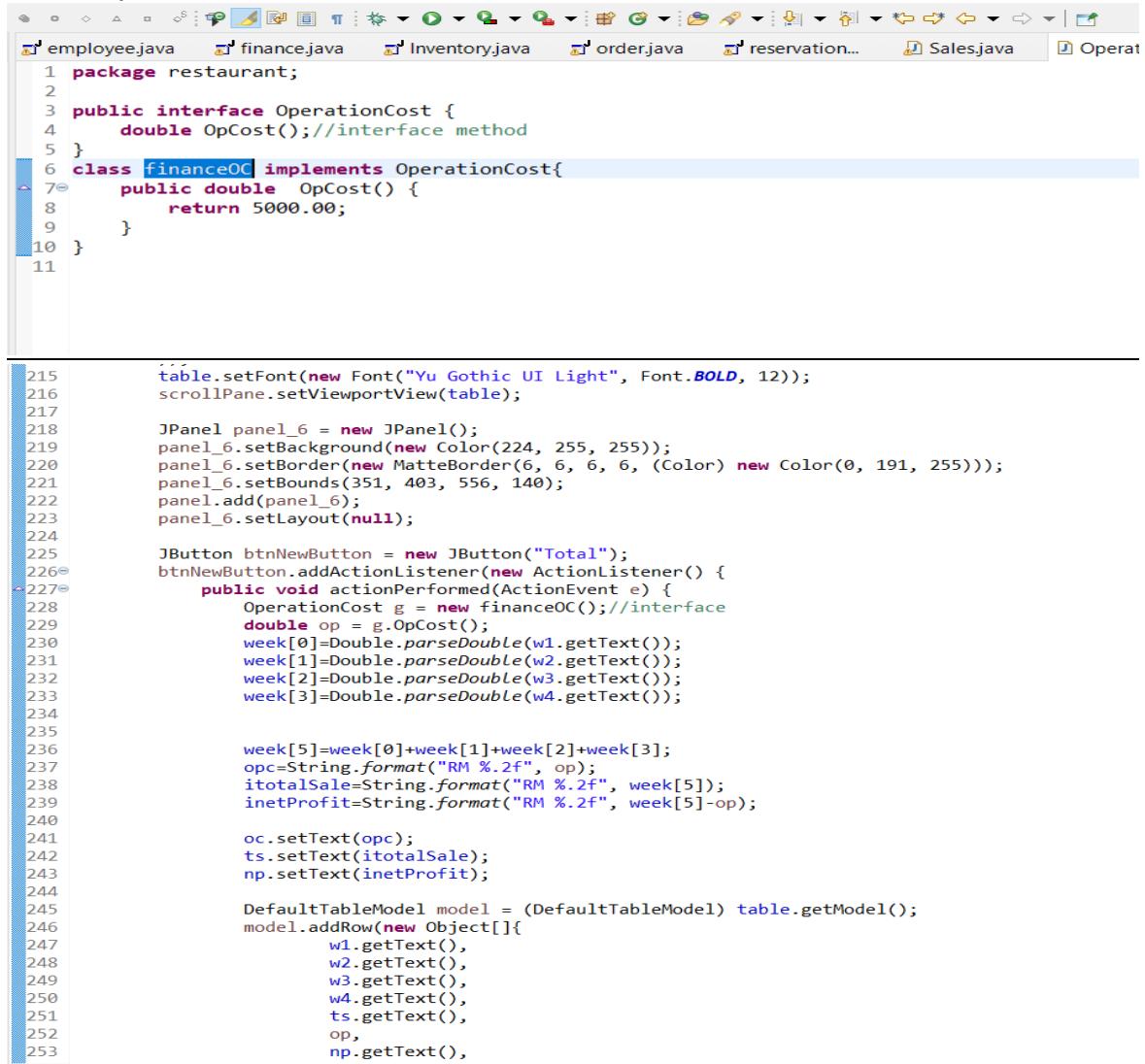
```

237     JButton ADDfButton_1 = new JButton("ADD");
238     ADDfButton_1.addActionListener(new ActionListener() {
239         public void actionPerformed(ActionEvent e) {
240             DefaultTableModel model = (DefaultTableModel) table.getModel();
241
242             model.addRow(new Object[]{
243                 BillField.getText(),
244                 AddsField.getText(),
245                 ManSalaryField.getText(),
246                 SalesField.getText(),
247                 ProLossField.getText(),
248             });
249
250             if (table.getSelectedRow() == -1) {
251                 if (table.getRowCount() == 0) {
252                     JOptionPane.showMessageDialog(null, "Membership Update confirmed", "Membership Management System", JOptionPane.OK_OPTION);
253                 }
254             }
255         }
256     });
257 );
258

```

## Interface

### RESTAURANT



```
1 package restaurant;
2
3 public interface OperationCost {
4     double OpCost(); //interface method
5 }
6 class financeOC implements OperationCost{
7     public double OpCost() {
8         return 5000.00;
9     }
10 }
11
12
13
14
15     table.setFont(new Font("Yu Gothic UI Light", Font.BOLD, 12));
16     scrollPane.setViewportView(table);
17
18     JPanel panel_6 = new JPanel();
19     panel_6.setBackground(new Color(224, 255, 255));
20     panel_6.setBorder(new MatteBorder(6, 6, 6, 6, (Color) new Color(0, 191, 255)));
21     panel_6.setBounds(351, 403, 556, 140);
22     panel.add(panel_6);
23     panel_6.setLayout(null);
24
25     JButton btnNewButton = new JButton("Total");
26     btnNewButton.addActionListener(new ActionListener() {
27         public void actionPerformed(ActionEvent e) {
28             OperationCost g = new financeOC(); //interface
29             double op = g.OpCost();
30             week[0]=Double.parseDouble(w1.getText());
31             week[1]=Double.parseDouble(w2.getText());
32             week[2]=Double.parseDouble(w3.getText());
33             week[3]=Double.parseDouble(w4.getText());
34
35             week[5]=week[0]+week[1]+week[2]+week[3];
36             opc=String.format("RM %.2f", op);
37             itotalSale=String.format("RM %.2f", week[5]);
38             inetProfit=String.format("RM %.2f", week[5]-op);
39
40             oc.setText(opc);
41             ts.setText(itotalSale);
42             np.setText(inetProfit);
43
44             DefaultTableModel model = (DefaultTableModel) table.getModel();
45             model.addRow(new Object[]{
46                 w1.getText(),
47                 w2.getText(),
48                 w3.getText(),
49                 w4.getText(),
50                 ts.getText(),
51                 op,
52                 np.getText(),
53             });
54         }
55     });
56 }
```

## TOURISM BUSINESS COMPANY

```
1 package TourismBusinessCompany;
2
3 public interface Tax {
4     double tax(); //interface method
5
6 }
7
8 class EMP implements Tax {
9     public double tax() {
10         return 0.05;
11     }
12 }

561     CalButton.setBounds(41, 137, 204, 24);
562     panel_5.add(CalButton);
563     CalButton.setForeground(new Color(47, 79, 79));
564     CalButton.addActionListener(new ActionListener() {
565         public void actionPerformed(ActionEvent e) {
566
567             Tax a = new EMP(); //interface
568             double tax = a.tax();
569             double Tax;
570             double wages;
571             double workHours;
572             int numOfdays;
573             double salary;
574             double netSalary;
575
576             wages = Double.parseDouble(WagesperhoursField.getText());
577             workHours = Double.parseDouble(WorkhoursField.getText());
578             numOfdays = Integer.parseInt(NumofdaysworkField.getText());
579
580             salary = (wages*workHours)*numOfdays;
581             Tax = salary*tax;
582             netSalary = salary - Tax;
583
584             SalaryField.setText(Double.toString(salary));
585             TaxField.setText(Double.toString(Tax));
586             NetsalaryField.setText(Double.toString(netSalary));
587
588         }
589     });
590     CalButton.setFont(new Font("Arial Black", Font.BOLD, 20));
591     CalButton.setBackground(new Color(0, 206, 209));
592
593     JButton btnUpload = new JButton("UPLOAD");
594     btnUpload.addActionListener(new ActionListener() {
```

## DESTINATIONS

```
Home.java Login.java Company.java CustomerRegistration.java EmployeeManage.java FinanceManage.java Packages.java
1 package destinations;
2
3 import java.awt.BorderLayout;
4 import java.awt.EventQueue;
5
6 import javax.swing.JFrame;
7 import javax.swing.JPanel;
8 import javax.swing.border.EmptyBorder;
9 import java.awt.Color;
10 import javax.swing.border.MatteBorder;
11 import javax.swing.JLabel;
12 import java.awt.Font;
13 import javax.swing.SwingConstants;
14 import javax.swing.JButton;
15 import java.awt.event.ActionListener;
16 import java.awt.event.ActionEvent;
17 import javax.swing.ImageIcon;
18 import javax.swing.JScrollPane;
19 import java.awt.SystemColor;
20
21 public class Packages extends JFrame {
22
23     private JPanel contentPane;
24     private JFrame frame;
```

```

53     JPanel panel = new JPanel();
54     panel.setBorder(new MatteBorder(10, 10, 10, 10, (Color) new Color(165, 42, 42)));
55     panel.setBackground(new Color(218, 165, 32));
56     panel.setBounds(0, 0, 1073, 647);
57     contentPane.add(panel);
58     panel.setLayout(null);
59
60     JPanel panel_1 = new JPanel();
61     panel_1.setBorder(new MatteBorder(3, 3, 3, 3, (Color) new Color(0, 0, 0)));
62     panel_1.setBackground(new Color(189, 183, 107));
63     panel_1.setBounds(41, 50, 465, 530);
64     panel.add(panel_1);
65     panel_1.setLayout(null);
66
67     JLabel lblNewLabel = new JLabel(" LIST OF DESTINATION PACKAGES ");
68     lblNewLabel.setBounds(10, 10, 428, 45);
69     panel_1.add(lblNewLabel);
70     lblNewLabel.setIcon(new ImageIcon("C:\\Users\\HP\\Pictures\\mark.png"));
71     lblNewLabel.setBackground(new Color(0, 0, 0));
72     lblNewLabel.setForeground(new Color(0, 0, 0));
73     lblNewLabel.setHorizontalAlignment(SwingConstants.CENTER);
74     lblNewLabel.setFont(new Font("Times New Roman", Font.BOLD, 20));

```

## HOTEL

```

1
2 interface AmountTax { //2.5 Interface
3     double getAmountTax();
4 }
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
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88
89
90
91
92
93
94
95
96
97
98
99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119 JButton LoginButton = new JButton("LOGIN");
120 LoginButton.addActionListener(new ActionListener() {
121     public void actionPerformed(ActionEvent e) {
122         try {
123             if(usernameField.getText().equals("Nur Azimah") && passwordField.getText().equals("azimah123")) {
124                 JOptionPane.showMessageDialog(null, "Login Successful");
125
126                 RegistrationSystem RegSys = new RegistrationSystem(); //calling another frame/window
127                 Home frame = new Home();
128                 frame.setModalExclusionType(null);
129                 frame.setVisible(true);
130                 dispose(); //login frame will disappear
131             } else {
132                 JOptionPane.showMessageDialog(null, "Please enter the right Username and Password");
133             }
134         } catch (Exception e1) {
135             JOptionPane.showMessageDialog(null, "Please enter the right Username and Password");
136         }
137     }
138 });
139 LoginButton.setForeground(new Color(184, 134, 11));
140 LoginButton.setFont(new Font("Bodoni MT", Font.BOLD, 19));
141 LoginButton.setBackground(Color.WHITE);
142 LoginButton.setBounds(260, 247, 125, 40);
143 panel_1.add(LoginButton);
144
145 }
146
147
148
149
150
151
152
153
154
155
156
157

```

## Polymorphism

### RESTAURANT

```
00
61 JPanel panel = new JPanel();
62 panel.addMouseListener(new MouseAdapter() {
63     @Override
64     public void mouseClicked(MouseEvent e) {
65         dispose();
66         employee RegSys = new employee(); //calling another frame/window
67         RegSys.setVisible(true);
68     }
69 });
70
71
91 JPanel panel_1 = new JPanel();
92 panel_1.addMouseListener(new MouseAdapter() {
93     @Override
94     public void mouseClicked(MouseEvent e) {
95         dispose();
96         Inventory RegSys = new Inventory(); //calling another frame/window
97
98         RegSys.setVisible(true);
99     }
100 });
101
102
121 JPanel panel_1_1 = new JPanel();
122 panel_1_1.addMouseListener(new MouseAdapter() {
123     @Override
124     public void mouseClicked(MouseEvent e) {
125         dispose();
126         finance RegSys = new finance(); //calling another frame/window
127
128         RegSys.setVisible(true);
129     }
130 });
131
150 JPanel panel_1_2 = new JPanel();
151 panel_1_2.addMouseListener(new MouseAdapter() {
152     @Override
153     public void mouseClicked(MouseEvent e) {
154         dispose();
155         CompanyInfo RegSys = new CompanyInfo(); //calling another frame/window
156
157         RegSys.setVisible(true);
158     }
159 });
160 panel_1_2.setBackground(new Color(224, 255, 255));
```

## TOURISM BUSINESS COMPANY

```
97 JMenuItem AdsMenuItem = new JMenuItem("Advertisement");
98 AdsMenuItem.addActionListener(new ActionListener() {
99     public void actionPerformed(ActionEvent e) {
100
101         dispose();
102         Advertisement ads = new Advertisement(); //calling another frame|
103         ads.setModalExclusionType(null);
104         ads.setVisible(true);
105     }
106 });
107 AdsMenuItem.setFont(new Font("Arial Black", Font.BOLD, 13));
108 menuBar.add(AdsMenuItem);
109
110 JMenuItem PromotionMenuItem = new JMenuItem("Promotion ");
111 PromotionMenuItem.addActionListener(new ActionListener() {
112     public void actionPerformed(ActionEvent e) {
113
114         dispose();
115         Promotion promo = new Promotion();
116         promo.setModalExclusionType(null);
117         promo.setVisible(true);
118     }
119 });
120
121
122 public Advertisement() {
123     setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
124     setBounds(100, 100, 848, 530);
125
126     JMenuBar menuBar = new JMenuBar();
127     setJMenuBar(menuBar);
128
129     JMenuItem EmployeeMenuItem = new JMenuItem("Employee");
130     EmployeeMenuItem.addActionListener(new ActionListener() {
131         public void actionPerformed(ActionEvent e) {
132             dispose();
133             Employee emp = new Employee();
134             emp.setModalExclusionType(null);
135             emp.setVisible(true);
136         }
137     });
138     EmployeeMenuItem.setFont(new Font("Arial Black", Font.PLAIN, 12));
139     menuBar.add(EmployeeMenuItem);
140
141     JMenuItem AdsMenuItem = new JMenuItem("Advertisement");
142     AdsMenuItem.setFont(new Font("Arial Black", Font.PLAIN, 10));
143     menuBar.add(AdsMenuItem);
144
145     JMenuItem PromotionMenuItem = new JMenuItem("Promotion");
146     PromotionMenuItem.addActionListener(new ActionListener() {
147         public void actionPerformed(ActionEvent e) {
148
149             dispose();
150             Promotion promo = new Promotion();
151             promo.setModalExclusionType(null);
152             promo.setVisible(true);
153         }
154     });
155     PromotionMenuItem.setFont(new Font("Arial Black", Font.PLAIN, 12));
```

## DESTINATIONS

```
74 JButton btnAdmin = new JButton(" Employee");
75 btnAdmin.setBounds(147, 314, 245, 46);
76 btnAdmin.setIcon(new ImageIcon("C:\\\\Users\\\\HP\\\\Pictures\\\\admin.png"));
77 btnAdmin.addActionListener(new ActionListener() {
78     public void actionPerformed(ActionEvent e) {
79         Login a = new Login();      //Button Employee connect to Login menu
80         a.setVisible(true);
81         dispose();
82     }
83 });
```

```

88     JButton btnCustomer = new JButton(" Customer");
89     btnCustomer.setBounds(576, 314, 245, 46);
90     btnCustomer.setIcon(new ImageIcon("C:\\Users\\HP\\Pictures\\customer.png"));
91     btnCustomer.addActionListener(new ActionListener() {
92         public void actionPerformed(ActionEvent e) {
93             CustomerRegistration a = new CustomerRegistration();           //Button Customer connect to Customer Registration
94             a.setVisible(true);
95             dispose();
96         }
97     });

```

```

128     JButton btnAbout = new JButton("About Us");
129     btnExit.setBounds(404, 441, 183, 46);
130     btnAbout.addActionListener(new ActionListener() {
131         public void actionPerformed(ActionEvent e) {
132             Company a = new Company();           //Button About connect to Company
133             a.setVisible(true);
134             dispose();
135         }
136     });

```

## TRAVEL & TRANSPORT

```

152     JButton PackagesButton = new JButton("VIEW PACKAGES");
153     PackagesButton.setBounds(70, 11, 147, 23);
154     panel_2.add(PackagesButton);
155     PackagesButton.addActionListener(new ActionListener() {
156         public void actionPerformed(ActionEvent e) {
157             TypeOfPackages TOP = new TypeOfPackages();
158             TOP.setModalExclusionType(null);
159             TOP.setVisible(true);
160             dispose();
161         }
162     });
163     PackagesButton.setFont(new Font("Bell MT", Font.BOLD, 12));
164     PackagesButton.setBackground(new Color(192, 192, 192));
165
166     JPanel panel_5 = new JPanel();
167     panel_5.setLayout(null);
168     panel_5.setBorder(new MatteBorder(3, 3, 3, 3, (Color) new Color(34, 139, 34)));
169     panel_5.setBackground(new Color(152, 251, 152));
170     panel_5.setBounds(10, 402, 796, 54);
171     panel.add(panel_5);
172
173     JButton ResetButton = new JButton("RESET");
174     ResetButton.addActionListener(new ActionListener() {
175         public void actionPerformed(ActionEvent e) {
176             NametextField.setText("");
177             ICItextField.setText("");
178             PhoneNotetextField.setText("");
179
180             comboBox.setSelectedItem("NO. OF PASSENGER");
181             comboBox_1.setSelectedItem("SELECT YOUR PACKAGE");
182         }
183     });
184     ResetButton.setFont(new Font("Bell MT", Font.BOLD, 15));
185     ResetButton.setBackground(new Color(192, 192, 192));
186     ResetButton.setBounds(754, 11, 89, 32);

```

## FEEDBACK

```
84     JMenu menuhome = new JMenu("Home ");
85     menuBar.add(menuhome);
86
87     JMenuItem itemHome = new JMenuItem("Home");
88     itemHome.addActionListener(new ActionListener() {
89         public void actionPerformed(ActionEvent e) {
90             login frame = new login();
91             frame.setVisible(true);
92             dispose();
93         }
94     });
95     menuhome.add(itemHome);
96
97     JMenu menuadmin = new JMenu("Admin");
98     menuBar.add(menuadmin);
99
100    JMenuItem itemEmployees = new JMenuItem("Employees");
101    itemEmployees.addActionListener(new ActionListener() {
102        public void actionPerformed(ActionEvent e) {
103            Employees1 frame = new Employees1();
104            frame.setVisible(true);
105            dispose();
106        }
107    });
108    menuadmin.add(itemEmployees);
109
110    JMenuItem itemFinances = new JMenuItem("Finances");
111    itemFinances.addActionListener(new ActionListener() {
112        public void actionPerformed(ActionEvent e) {
113            finances frame = new finances();
114            frame.setVisible(true);
115            dispose();
116        }
117    });
118
119
121    JMenuItem itemProductSpecification = new JMenuItem("Product Specification");
122    itemProductSpecification.addActionListener(new ActionListener() {
123        public void actionPerformed(ActionEvent e) {
124            ProductSpecification frame = new ProductSpecification();
125            frame.setVisible(true);
126            dispose();
127        }
128    });
129    menuadmin.add(itemProductSpecification);
130
132    JMenu menuUser = new JMenu("User");
133    menuBar.add(menuUser);
134
135    JMenuItem itemPromotion = new JMenuItem("Promotion");
136    itemPromotion.addActionListener(new ActionListener() {
137        public void actionPerformed(ActionEvent e) {
138            Promotion frame = new Promotion();
139            frame.setVisible(true);
140            dispose();
141        }
142    });
143    menuUser.add(itemPromotion);
144
145    JMenuItem itemFeedback = new JMenuItem("Feedback");
146    itemFeedback.addActionListener(new ActionListener() {
147        public void actionPerformed(ActionEvent e) {
148            Feedback frame = new Feedback();
149            frame.setVisible(true);
150            dispose();
151        }
152    });
153    menuUser.add(itemFeedback);
154
155    JMenu menuAboutUs = new JMenu("About Us ");
156    menuBar.add(menuAboutUs);
157
158    JMenuItem itemCompanyBackground = new JMenuItem("Company Background");
159    itemCompanyBackground.addActionListener(new ActionListener() {
160        public void actionPerformed(ActionEvent e) {
161            CompanyBackground frame = new CompanyBackground();
```

```
289
290     JButton btnBack = new JButton("BACK");
291     btnBack.addActionListener(new ActionListener() {
292         public void actionPerformed(ActionEvent e) {
293             Home frame = new Home();
294             frame.setVisible(true);
295         }
296     });

```

## HOTEL

```
204     JButton ExitButton = new JButton("EXIT");
205     ExitButton.setFont(new Font("Tahoma", Font.BOLD, 11));
206     ExitButton.addActionListener(new ActionListener() {
207         public void actionPerformed(ActionEvent e) {
208             Home frame = new Home();
209             frame.setVisible(true);
210         }
211     });
212
213     JButton BackButton = new JButton("Back");
214     BackButton.addActionListener(new ActionListener() {
215         public void actionPerformed(ActionEvent e) {
216             CustomerRegistration frame = new CustomerRegistration();
217             frame.setVisible(true);
218         }
219     });
220     BackButton.setBounds(143, 276, 89, 23);
221     panel_1_2.add(BackButton);
222 }
```