


USER MANUAL

-HOTEL MANAGEMENT-
SSK3408
DATABASE APPLICATION DEVELOPMENT

LOG IN & USER PAGE

LOG IN PAGE



LOG IN

JOB ID:


PASSWORD:

User must fill in their
Job ID and
password.

User also can reset
both text fields
by clicking the RESET
button

Press on 'LOG IN' button to log in
to the next page.

USER PAGE



-USER PAGE-

<input type="button" value="GUEST"/>	<input type="button" value="ROOM"/>
<input type="button" value="BILLING"/>	<input type="button" value="HOTEL"/>
<input type="button" value="EMPLOYEE"/>	<input type="button" value="RESERVATION"/>
<input type="button" value="LOG OUT"/>	

User will be
accessed to this
page which they can
edit or view the
GUEST, ROOM,
BILLING, EMPLOYEE,
HOTEL and
RESERVATION pages.

Press on 'LOG OUT' button to log
out of the account.

GUEST PAGE
(from User Page)

localhost:8080 says
Please key-in Mobile Number

OK

First Name:

NIK

Last Name:

ASYRAF

Identity Card Number:

010920101023

Passport Number:

9876543210

Address:

SELANGOR

Email:

nikasyraf268@gmail.com

Mobile Number:

Guest ID:

206630

The “**LIST**” button is to **retrieve** the guests' information from the database

LIST

RESET

BACK

SAVE

The “**BACK**” button will bring the user back to the previous page

The “**RESET**” button is to **clear** all text from the form

The “**SAVE**” button is to **submit** the guests' details into the database

1) **First name** and **last name** is required to be filled.

2) **Identity card number** need to be filled to get the correct details of the user.

3) **Passport number** is an **OPTIONAL** field.

4) Full **address** is needed.

5) **Email** is required for feedback from user.

6) **Mobile number** is also important in case of emergency.

7) **Guest ID** is unique

8) An alert will pop up if the user did not fill any of the text field.

Guest Details

[Click Update to edit guest information]

First Name	Last Name	IC No.	Passport No.	Address	Email	Mobile No.	Guest ID	Update
null	null	null	null	null	null	null	null	update
Nur	Huda	980131012046	8624951	20, Jalan Aman, Country Heights, 42700 Banting, Selangor	huda@yahoo.com	132832143	217495	update
Kiru	Baanantar	991102023147	8246357	Agensi Nuklear Malaysia, Blok 44, Mint Tech Park, Bangi 43000, Kajang, Selangor.	baanantar@gmail.com	182174951	206812	update
Teoh	Xian	880425108423	7931852	F.T.01,U-12, FASA 18R8, JALAN P18L, 62150 PUTRAJAYA.	xian@yahoo.com	193566542	268754	update
Sufyan	Alifi	10920101023	262551	asndekhsdhchsd	206630@student.upm.edu.my	111	408875	update

[Back](#)

The “**BACK**” button will bring the user back to the previous page

The “**Update**” link will bring the user to a new page for editing their data in the database

This page is for the user to retrieve back all the data that they had inserted into the database.

Update Guest Details

localhost:8080 says

Are you sure?

OK

Cancel

Guest ID 206812

First Name: Kiru

Last Name: Baanantar

IC No.: 991102023147

Passport No.: 8246357

Address: Agensi Nuklear Malay

Email: baanantar@gmail.com

Mobile No.: 182174951

Guest ID: 206812

The “**Delete**” button is to **delete** the guests' details from the database



Submit

Delete

Back

The “**BACK**” button will bring the user back to the previous page



1) This page is for the user to **update** or **delete** any data that they had inserted into the database.

2) An alert will pop up if the user click on the **submit** or **delete** button.

3) The **delete** button will completely **delete** the data from the database.

The “**Submit**” button is to **submit** the guests' **updated** details into the database



ROOM PAGE

(from User Page)

- 1) **Reservation ID** is unique.
- 2) **Room no.** is compulsory to fill.
- 3) **Price** is in a drop down form with three options. It is chosen depending on the day (weekdays, weekends, holidays).
- 4) **Bed quantity** is in a radio button form with three options.
- 5) **Availability** is in a radio button form with two options.
- 6) **Description** can be empty or null. The characters for Description input cannot exceed 300 characters.

Room Details

Reservation ID:
Room no.:
Price:
Bed quantity: ☐ 1
☐ 2
☐ 3
Availability: ☐ Yes
☐ No
Description:

Write something...

The **SAVE** button is to **save/create** all the information entered on the form into the database.

LIST RESET BACK SAVE

The **RESET** button is to **clear** all information filled up in the form.

The **LIST** button is to **retrieve** information of Room Details from the database.

The **BACK** button is to go **back** to the main page of the application.

This page says
Room no. cannot be empty.

OK

Reservation ID:
Room no.:
Price:

9765

An alert will pop up if user did not fill all of the fields of the form except from Description data.

Clicking on the **LIST** button from Room Details form interface will bring user to this Room Details table interface.

Room Details

[Click Update to edit room information]

Reservation ID	Room number	Price	Bed quantity	Availability	Description	Update
124	54	210	2	Yes	Need service	update
134	454	210	1	Yes	clean	update
127	127	170	2	No	null	update

Reservation ID, Room Number, Price, Bed quantity and Availability fields are compulsory to be filled.

Update button will link user to the Update Room Details form interface. User can choose which row of data to be changed.

Back

The **Back** button will bring user back to the previous Room Details form interface.

Description field can be null or filled without exceeding 300 characters.

Clicking on the **UPDATE** button from Room Details table interface will bring user to this Update Room Details form interface.

Reservation ID cannot be changed because it is unique.

Other fields except Reservation ID can be updated.

The **Submit** button is to **save and update** the updated data into the previous data.

Update Room Details

Reservation ID:	134
Room number:	<input type="text" value="454"/>
Price:	<input type="text" value="210"/>
Bed quantity:	<input type="text" value="1"/>
Availability:	<input type="text" value="Yes"/>
	Description: <input type="text" value="clean"/>
<div><input type="button" value="Submit"/> <input type="button" value="Delete"/> <input type="button" value="Back"/></div>	

Description field can be null or updated/filled (max. 300 characters).

The **Delete** button is to **delete** the entire data of the selected row or the current page.

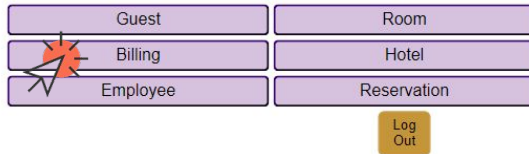
The **Back** button will bring user to the previous interface page (Room Details table interface).

BILLING PAGE

(from User Page)



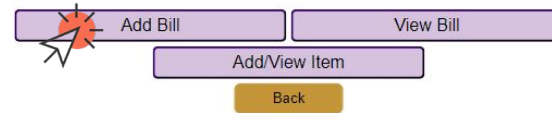
-USER PAGE-



Click "Billing" button to go to main page of billing



-BILLING-



To create new or add bill, click "Add Bill" button

BILLING

Bill No.:

-

Reserve ID:

1

Guest ID:

1

Payment Date:

28/01/2022



Payment Method:

Cash

Item:

☒ 01

☒ 02

☒ 03

Discount:

0

Total Payment:

RM999

BACK

RESET

SAVE

- The “Add Bill” button will go to Billing page.
- The user need to fill all the necessary fields in order to save the information.
- A message will pop-up if the user did not fully fill the information.

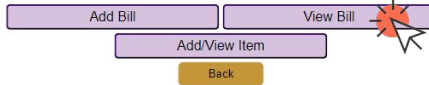
Click on “SAVE” button to save all the information. A message will appear if the data have successfully save.

Click on “BACK” button to go back to main page of billing.

For add new billing information after save the previous bill, click on “RESET” button to make it blank and after that fill all the info like usual.



-BILLING-



Click "View Bill" button to view or retrieve back the data that successfully adding

Billing Details

[Edit-Mode Only]


Bill No.	Reserve ID	Guest ID	Item 1	Item 2	Item 3	Payment Date	Payment Method	Discount	Total Payment	Update
1	1	1	01	02	03	0	2022-01-28 00:00:00	Cash	RM999	update

Click on "update" button to update the information.

Click on "ADD NEW BILLING" button to add new billing

Click on "BACK" button to back to main page of billing

Update Billing Details

Bill No.:	<input type="text" value="1"/>	Payment Date:	<input type="text" value="28/01/2022"/> 
Reserve ID:	<input type="text" value="1"/>	Guest ID:	<input type="text" value="1"/>
Item:	<input type="checkbox"/> 01 <input type="checkbox"/> 02 <input type="checkbox"/> 03		
Payment Method:	Discount:		<input type="text" value="0"/>
<input type="text" value="Select Payment Method"/> ▼	Total Payment:		<input type="text" value="RM999"/>

- The “update” button will go to Update Billing Details page.
- The user can change the information they want.
- Before save the information, the user need to check back the **Item** and **Payment Method** fields.

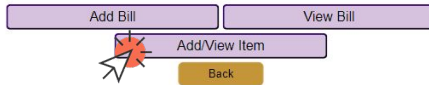
Click on “SAVE” button to save all the information. A message will appear if the data have successfully save.

Click on “BACK” button to go back to main page of billing.

Click on “DELETE” button to delete all the information about the particular bill.



-BILLING-



Click "Add/View Item" button to add or view the Item information.

- The "Add/View Item" button will go to Item Details page.

Item Details

[Edit-Mode Only]

ID	Name	Price	Update

ADD
NEW
ITEM

BACK

Click on "ADD NEW
ITEM" to add new item

Click on "BACK" button
to back to main page of
billing

- The “ADD NEW ITEM” button will go to ADD ITEM page.
- The user need to fill all the necessary fields in order to save the information.
- A message will pop-up if the user did not fully fill the information.

ADD ITEM

ID:

NAME:

PRICE:

Click on “BACK” button to back to main page of billing.

For add new billing information after save the previous billing, click on “RESET” button to make it blank and after that fill all the info like usual.

Click on “SAVE” button to save all the information. A message will appear if the data have successfully save.

After successfully adding the item, it will appear on Item Details page. The page need to refresh it. Click on “update” button to update the information.

Item Details
[Edit-Mode Only]

ID	Name	Price	Update
1	SINGLE ROOM	RM150.00	update

Update Item Details

ID:	<input type="text" value="1"/>
NAME:	<input type="text" value="SINGLE ROOM"/>
PRICE:	<input type="text" value="RM150.00"/>

- The “update” button will go to Update Item Details page.
- The user can change the information they want.

BACK DELETE SAVE

Click on “SAVE” button to save all the information. A message will appear if the data have successfully save.

Click on “BACK” button to go back to main page of billing.

Click on “DELETE” button to delete all the information about the particular item.

RESERVATION PAGE

(from User Page)

1. **Reservation ID** is unique.
2. **No. of Adult** and **No. of Children** are dropdown forms. There is a limit to the number of adults and children per room reservation.
3. **Reservation date** can be null as guests can check-in to the hotel without booking beforehand.
4. **Check-in date** and **Check-out date** must be filled so that the number of nights spent can be calculated.
5. **Reservation time** is compulsory so that reservations between customers do not clash.
6. **Special request** can be null or filled but not exceeding 300 characters.

Reservation Details

Reservation ID:

No. of Adult:

No. of Children:

Reservation date:

Check-in date:

Check-out date:

Reservation time:

Special request:

The **SAVE** button is to **save/create** all the information entered on the form into the database.

This page says
Check-in date cannot be empty.

OK

Reservation ID:

No. of Adult:

No. of Children:

Reservation date:

Check-in date:

Check-out date:

Reservation time:

An alert will pop up if user did not fill all of the fields of the form except from **Reservation date** and **Special request** fields.

The **LIST** button is to **retrieve** information of Reservation Details from the database.

The **RESET** button is to **clear** all information filled up in the form.

The **BACK** button is to go **back** to the main page of the application.

LIST

RESET

BACK

SAVE

Clicking on the **LIST** button from Reservation Details form interface will bring user to this Reservation Details table interface.

Reservation ID, No. of Adult, No. of Children, Check-in Date, Check-out Data and Reservation time fields are compulsory to be filled.

Reservation Details

[Click Update to edit reservation information]

Reservation ID	No. of Adult	No. of Children	Reservation Date	Check-in Date	Check-out Date	Reservation Time	Special Request	Update
12312	2	1	null	14/12/2022	16/12/2022	12:30	Extra pillows	update
666	2	1	26/05/2001	26/05/2001	26/05/2001	02:43	null	update

Back

The **Back** button will bring user back to the previous Reservation Details form interface.

Reservation date field can be null or filled.

Special request field can be null or filled without exceeding 300 characters.

Update button will link user to the Update Reservation Details form interface. User can choose which row of data to be changed.

Clicking on the **UPDATE** button from Reservation Details table interface will bring user to this Update Reservation Details form interface.

Reservation ID cannot be changed because it is unique.

Other fields except Reservation ID can be updated.

The **Submit** button is to **save and update** the updated data into the previous data.

The **Delete** button is to **delete** the entire data of the selected row or the current page.

The **Back** button will bring user to the previous interface page (Reservation Details table interface).

Reservation date field can be null or updated/filled.

Special request field can be null or updated/filled (max. 300 characters).

Update Reservation Details

Reservation ID:	12312		
No. of adults:	<input type="text" value="2"/>		
No. of children:	<input type="text" value="1"/>		
Reservation date:	<input type="text" value="null"/>		
Check-in Date:	<input type="text" value="14/12/2022"/>	Check-out Date:	<input type="text" value="16/12/2022"/>
Reservation time:	<input type="text" value="12:30"/>		
Special Request:	<input type="text" value="Extra pillows"/>		
<div><div>Submit</div><div>Delete</div><div>Back</div></div>			

HOTEL PAGE

(from User Page)



HOTEL DEL LUNA

Name

The name "*Del Luna*" came from the Latin word that translates as "*Of The Moon*" which give the term "*Hotel of the Moon*". The hotel set the theme based on the Moon because of its beauty and wonders

The Hotel

Hotel Del Luna surrounded by a wealth of restaurant, bars and entertainment complex, this hotel retain Del Luna Group's decor of clean and modern. With affordable and economic price, it is easy to stay with us.

The convenient location of the hotel offers up easy access into the must see destinations in the city. Here, you will find plenty of great restaurants, entertainment complexes and bars. You will also notice that the Del Luna Group has incredibly clean and modern decor. The pricing is affordable, making it easy for any traveler to stay and enjoy the surroundings when they are in the area. You will also enjoy the simple fact that the Hotel Del Luna has facilities that will enrich your staying experience in Kuala Lumpur. The hotel features convenient elevator service, parking, Wi-Fi in all public areas, room service, front desk service on a 24 hour basis and so much more.

Star Rating

Our hotel is rate as a five-star hotel as Guests will enjoy an extensive range of facilities and comprehensive or highly personalised services. Properties at this level will display excellent design quality and attention to detail. Our properties typify luxury across all areas of operation.

Address

160, Bukit Bintang St,
Bukit Bintang, 55100 Kuala Lumpur,
Federal Territory of Kuala Lumpur

Email

hoteldelluna@gmail.com

Contact Us

+603 - 2117 4888

Hotel ID

40336060121290

BACK



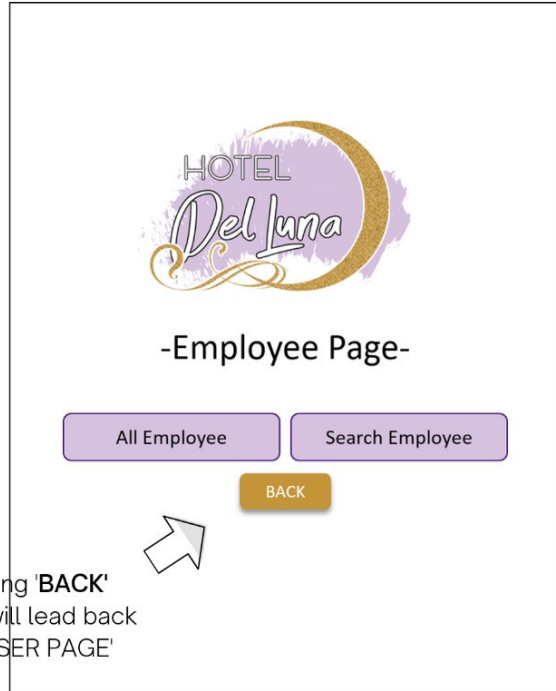
The "**BACK**" button will bring the user back to the previous page

- 1) This page shows a **description** of Hotel Del Luna
- 2) It tells about the hotel's **name, star rating, address, email, contact number and hotel ID.**

EMPLOYEE PAGE

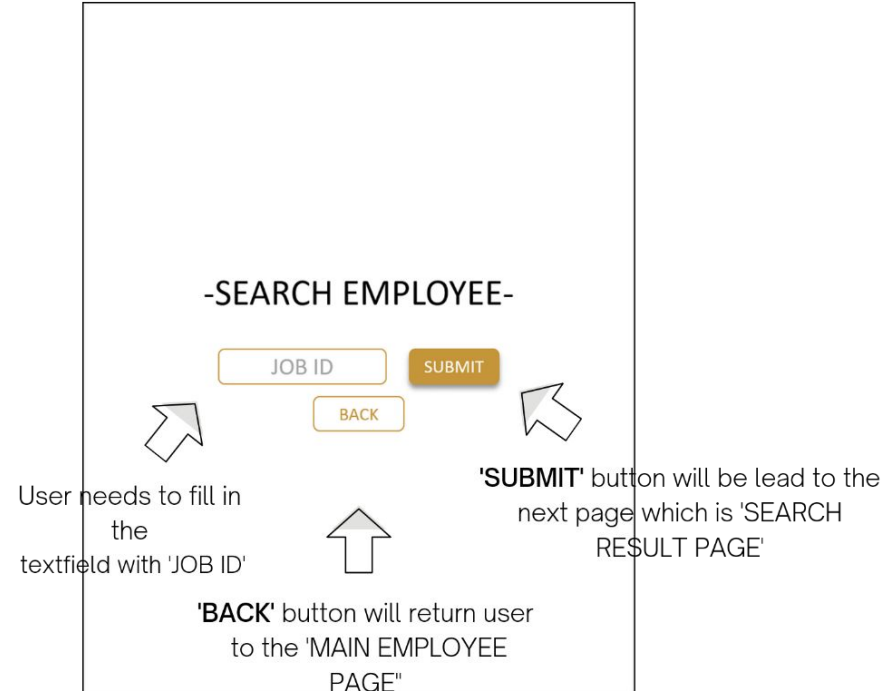
(from User Page)

MAIN EMPLOYEE PAGE



When clicking those buttons, it will bring user to the respective pages

SEARCH EMPLOYEE PAGE



This page is to search data for existed employee by entering their 'JOB ID'

SEARCH RESULT PAGE

SEARCH EMPLOYEE

By JOB ID

Job ID:

ID:

First Name:

Phone Number:

Email:

BACK



'BACK' button is to return
to the 'SEARCH EMPLOYEE
PAGE'.

This page is to display the search result which only appears the employee's '**JOB ID**', '**ID**', '**FIRST NAME**', '**PHONE NUMBER**' and '**EMAIL**'.

VIEW ALL EMPLOYEE PAGE

EMPLOYEE DETAILS

(VIEW MODE EMPLOYEE)

JOB ID	ID	FIRST NAME	LAST NAME	GENDER	PHONE NUMBER	ADDRESS	EMAIL	VACCINE TYPE	FIRST DOSE	SECOND DOSE	HIRE DATE	SALARY	PASSWORD

EDIT EMPLOYEE



This button will lead to 'EDIT EMPLOYEE PAGE'

BACK



'BACK' button will return user to the 'MAIN EMPLOYEE PAGE'

EDIT EMPLOYEE PAGE

EMPLOYEE DETAILS

(VIEW MODE EMPLOYEE)

JOB ID	ID	FIRST NAME	LAST NAME	GENDER	PHONE NUMBER	ADDRESS	EMAIL	VACCINE TYPE	FIRST DOSE	SECOND DOSE	HIRE DATE	SALARY	PASSWORD	UPDATE
														update

When click on the **update link**, it will bring user to the 'UPDATE PAGE'



NEW EMPLOYEE



This button will lead to 'NEW EMPLOYEE PAGE'

BACK



'BACK' button will return user to the 'VIEW ALL EMPLOYEE PAGE'

Both of the pages will display on all of Employees data

NEW EMPLOYEE PAGE

EMPLOYEE DETAILS

[\[EDIT MODE EMPLOYEE\]](#)

Job ID:

ID:

First Name:

Last Name:

Gender:

☐ M
☐ F

Phone Number:

Address:

Email:

Vaccination:

Select Type ▼

Hire Date:

Salary:

\$

BACK

RESET

SUBMIT

'BACK' button is to return to the 'EDIT EMPLOYEE PAGE'.

'RESET' button is to reset all input.

'SUBMIT' button is to register the new employee to the database

JOB ID is a unique attribute that is an important identification for the employee.

ID is the Identification Card Number and is required to fill in.

First Name & Last Name of the employee.

Gender needs to be picked between 'Male' and 'Female'.

Phone Number, Address, Email of the employee.

Vaccination Type, First and Second Dose are important due to today's pandemic.

Hire Date is the date where the employee starts to work.

Salary of each of employee.

UPDATE EMPLOYEE PAGE

All Data are displayed and can be edited except for the '**JOB ID**'

UPDATE EMPLOYEE DETAILS

Job ID:

ID:

First Name:

Last Name:

Gender:

Phone Number:

Address:

Email:

Vaccination:

Hire Date:

Salary:

\$

BACK

DELETE

SUBMIT

Once '**SUBMIT**' button is clicked, the data in the database will be updated.

'**BACK**' button is to return to the 'EDIT EMPLOYEE PAGE'.

To delete the employee's overall data, user needs to click on '**DELETE**' button.