

# User Manual



## Hotel Management System For *Hotel Kabalana*

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# **1. Introduction**

Hotel Management System for Hotel Kabalana offers various management functions. This user manual guide how to use this system properly and what are the things provides by this system. Owner of the hotel, admin, managers from different department and accountant can access this system.

## **1.1 Purpose**

The purpose of the hotel management system is to provide much more user-friendliness than the previous system that has been used by the hotel Kabalana. This system offers an additional management function which is employee management system. So you can maintain the processes automatically rather than doing them by manual documentations and processes.

The user manual will guide you how to use this developed hotel management system properly.

## **2. Overview**

The system has seven main management functions. They inventory management, employee management, restaurant management, accommodation management, bar management, even management and supplier management.

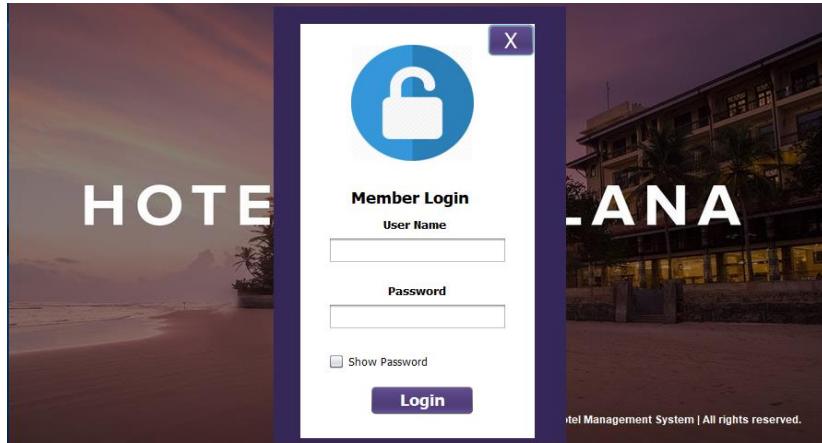
This is a standalone system and developed by using JAVA language, Netbeans and Glassfish Server. Admin can login into the system and manage the system by inserting, updating, deleting data in to database. Accountant can login to the system to do account handling activities and can be able to generate reports. And also managers from every department has privilege to access the system to view details and generate the reports. Apart from that the owner of the hotel Kabalana can be able to access the system. Since reports are also produced periodically, everything manage in the hotel will always be in check, ready to undertake any complicated task at hand.

## **3. Instructions**

The user can login to the system through login interface. Admin has different login details while accountants, managers and owner ha same login details. Once logged into the system user will redirect to the home interface of the hotel management system. Then user can select the function that want to view just by clicking the button. Then user will redirect to the interface of that particular function. After finishing the particular task, user can log out from the system.

### 3.1 How to login to the system?

#### Step 1



In this Login pane, by entering username and password user can navigate into navigation page.

#### Step 2



After displaying this page user can access any of these function by clicking image icons.

## 3.2 Bar Management System

Bar management system is used to add, update and delete products items, add, update and delete orders, calculate, add, update and delete order bills, add and delete wastage amount, calculate, add and delete total month end income of the bar.

### 3.2.1 Bar Stock Control

From bar stock control interface user can add new products, update and delete existing products from the database.

The screenshot shows the 'BAR STOCK CONTROL' page of the Hotel Kabalana Bar Inventory Management system. The interface includes a sidebar with icons for Stock Handling, Order Handling, Wastage Handling, Account Handling, and Generate Reports. The main area displays a table of current stock levels and a form for adding new products. The table has columns for Product ID, Product Name, Standard Unit, Amount, Price per Unit, and Date. The form contains fields for Product ID, Product Name, Standard Unit (with a dropdown menu), Amount per Unit, Price per Unit, and Select Date. Below the form are three buttons: ADD, UPDATE, and DELETE.

Product ID	Product Name	Standard Unit	Amount	Price per Unit	Date
1	vodka	LITRE	50	120	Oct 1...
2	wv	LITRE	33	323	Oct 1...

#### 1). Add product

User can enter the products details of a new product. User can't enter the values in to product id field because it is auto generated. Click 'ADD' button to add the

details to the database. Then screen will display a ‘Records Submitted Successfully!’ message.

The screenshot shows a product addition form on the left and a message dialog on the right. The form includes fields for Product ID (empty), Product Name (Wine), Standard Unit (MILLILITRE), Amount Per Unit (50), Price Per Unit (140), and Select Date (Sep 12, 2019). Below these are three buttons: ADD (highlighted with a red arrow), UPDATE, and DELETE. To the right is a table of product records. On the far right is a 'Message' dialog box with a blue info icon, the text 'Records Submitted Successfully!', and an 'OK' button.

Product...	Produc...	Standa...	Amount...	Pricepe...	Date
51 Absolu...	LITRE	50	800	Sep 4...	
64 Mezcal	MILLIL...	50	500	Sep 1...	
65 Pisco	MILLIL...	50	700	Sep 2...	
66 Red ...	MILLIL...	50	800	Sep 9...	
67 Irish ...	MILLIL...	50	250	Oct 1...	
68 Scotch	BOTTLE	1	750	Sep 1...	
70 Cognac	MILLIL...	50	700	Sep 1...	
71 Gin	BOTTLE	1	800	Sep 1...	
72 Arma...	LITRE	1	450	Sep 1...	
73 Brandy	MILLIL...	50	800	Sep 2...	
74 Mixture	GRAM	200	250	Sep 8...	
75 Peanut	GRAM	250	400	Sep 1...	
77 Beer	MILLIL...	50	700	Sep 1...	

## 2). Update product

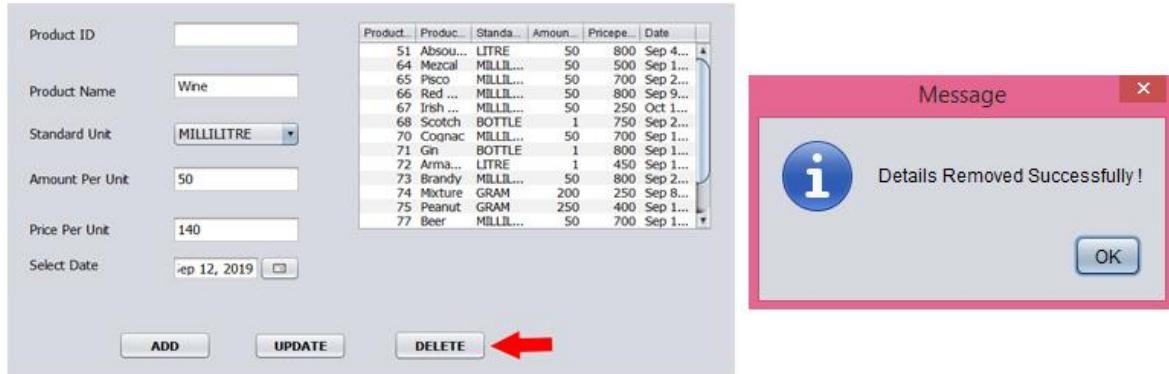
Select the particular product from the table. The details will display on the text fields. User can edit the product details except product id. Then click ‘UPDATE’ button to updated the details. Then screen will display a ‘Records Updated Successfully!’ message.

The screenshot shows a product update form on the left and a message dialog on the right. The form is identical to the addition form but with different values: Product ID (empty), Product Name (Wine), Standard Unit (MILLILITRE), Amount Per Unit (50), Price Per Unit (140), and Select Date (Sep 12, 2019). Below these are three buttons: ADD, UPDATE (highlighted with a red arrow), and DELETE. To the right is a table of product records. On the far right is a 'Message' dialog box with a blue info icon, the text 'Records Updated Successfully!', and an 'OK' button.

Product...	Produc...	Standa...	Amount...	Pricepe...	Date
51 Absolu...	LITRE	50	800	Sep 4...	
64 Mezcal	MILLIL...	50	500	Sep 1...	
65 Pisco	MILLIL...	50	700	Sep 2...	
66 Red ...	MILLIL...	50	800	Sep 9...	
67 Irish ...	MILLIL...	50	250	Oct 1...	
68 Scotch	BOTTLE	1	750	Sep 1...	
70 Cognac	MILLIL...	50	700	Sep 1...	
71 Gin	BOTTLE	1	800	Sep 1...	
72 Arma...	LITRE	1	450	Sep 1...	
73 Brandy	MILLIL...	50	800	Sep 2...	
74 Mixture	GRAM	200	250	Sep 8...	
75 Peanut	GRAM	250	400	Sep 1...	
77 Beer	MILLIL...	50	700	Sep 1...	

### 3). Delete product

Select the particular product from the table. Then click ‘DELETE’ button to delete the product from the database. Then screen will display a ‘Details Removed Successfully!’ message.



### 3.2.2 Bar Order Control

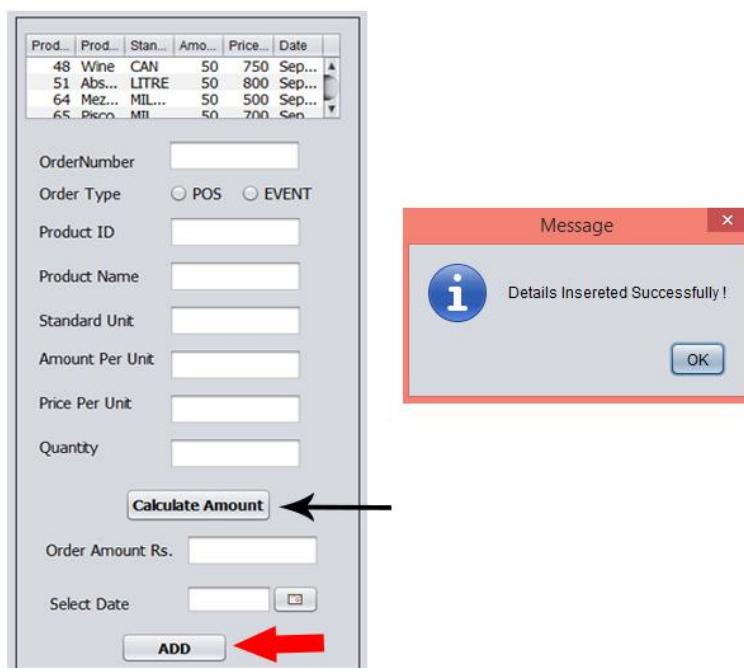
From bar order control interface user can add new orders, update and delete existing orders from the database. Further, user can automatically calculate the total order bill and add to the database. And also update and delete existing order bills. Finally can generate a receipt.



## **1). Add Order**

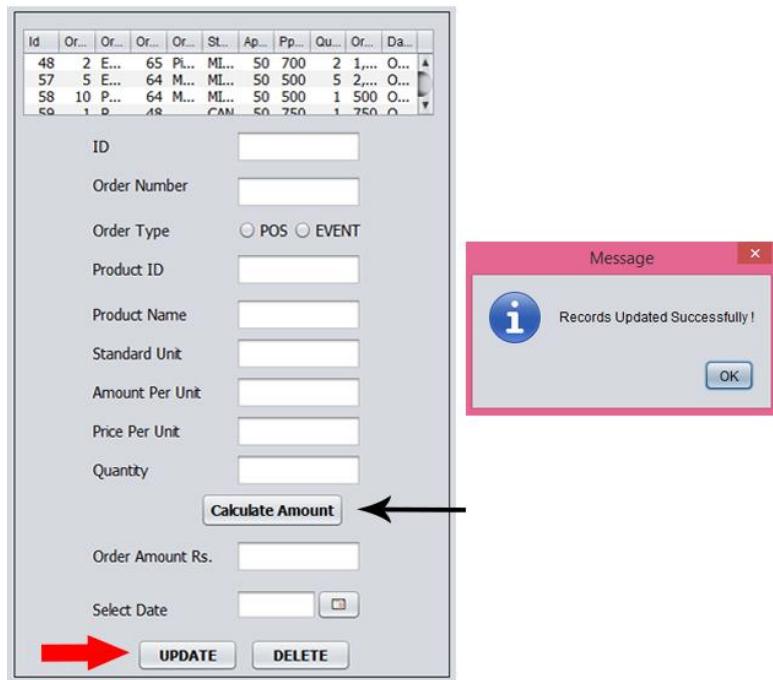
User can enter order details of orders. User can use the same order number more than once to add different products to the same order number. But user can't enter the values for product id, product name, standard unit, amount per unit and price per unit fields. They must select from the table. Click 'Calculate Amount' button to calculate the amount and click 'ADD' button to add the details to the database.

Then screen will display a 'Details Inserted Successfully!' message.



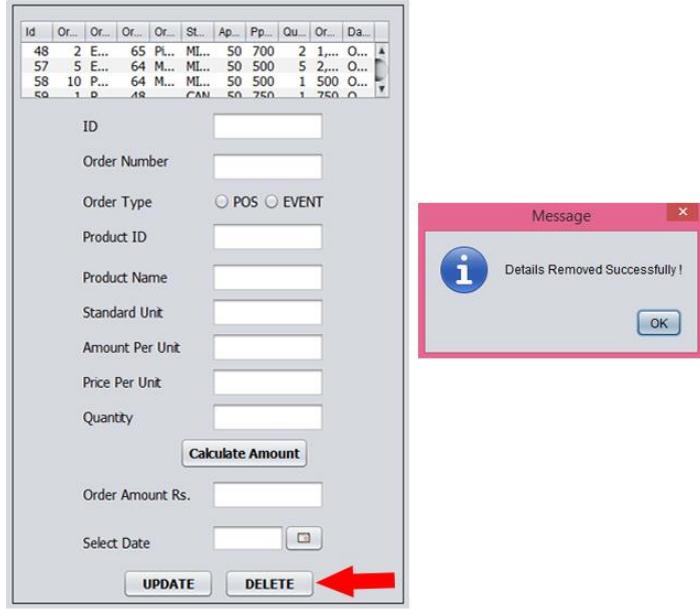
## **1). Update Order**

Select the particular order from the table. The details will display on the text fields. User can edit the orders details except id because it is auto generated. User can enter the values for product id, product name, standard unit, amount per unit and price per unit. Then click 'UPDATE' button to updated the details. Then screen will display a 'Records Updated Successfully!' message.



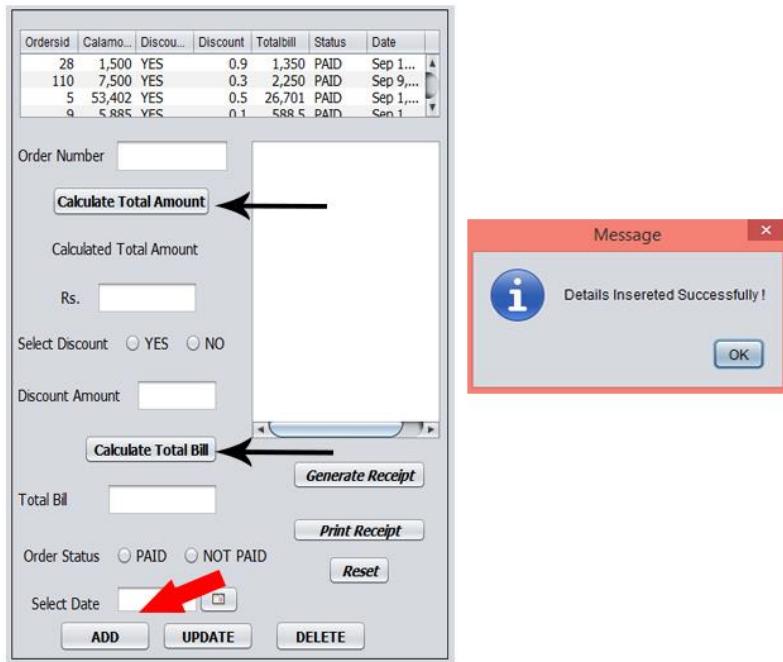
### 3). Delete product

Select the particular order from the table. Then click ‘DELETE’ button to delete the order from the database. Then screen will display a ‘Details Removed Successfully!’ message



#### **4). Add Order Bill**

User can enter the order number and click ‘Calculate Total Amount’ button get total sum of the orders that belong to particular order number. The enter discount and click ‘Calculate Total Bill’ button to calculate the total bill. Then fill the rest of the order details and click ‘ADD’ button to add the details to the database. Then screen will display a ‘Details Inserted Successfully!’ message.



## 5). Update Order Bill

Select the particular order id from the table. The details will display on the text fields. User can edit the orders details except order id because it is auto generated. Then click ‘UPDATE’ button to updated the details. Then screen will display a ‘Records Updated Successfully!’ message.

Ordersid	Calamo...	Discou...	Discount	Totalbill	Status	Date
28	1,500	YES	0.9	1,350	PAID	Sep 1...
110	7,500	YES	0.3	2,250	PAID	Sep 9...
5	53,402	YES	0.5	26,701	PAID	Sep 1...
9	5,885	YES	0.1	588.5	PAID	Sep 1...

Order Number

**Calculate Total Amount** 

Calculated Total Amount  
Rs.

Select Discount  YES  NO

Discount Amount

**Calculate Total Bill** 

Total Bill

**Generate Receipt** 

**Print Receipt**

Order Status  PAID  NOT PAID

Select Date  

**ADD** **UPDATE** **DELETE** 

**Reset**



## 6). Delete Order Bill

Select the particular order id from the table. Then click ‘DELETE’ button to delete the order bill from the database. Then screen will display a ‘Details Removed Successfully!’ message.

Ordersid	Calamo...	Discou...	Discount	Totalbill	Status	Date
28	1,500	YES	0.9	1,350	PAID	Sep 1...
110	7,500	YES	0.3	2,250	PAID	Sep 9...
5	53,402	YES	0.5	26,701	PAID	Sep 1...
9	5,885	YES	0.1	588.5	PAID	Sep 1...

Order Number

**Calculate Total Amount**

Calculated Total Amount  
Rs.

Select Discount  YES  NO

Discount Amount

**Calculate Total Bill**

Total Bill

**Generate Receipt**

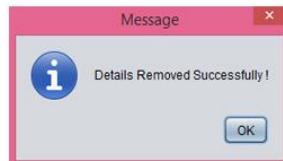
**Print Receipt**

Order Status  PAID  NOT PAID

Select Date  

**ADD** **UPDATE** **DELETE** 

**Reset**



## 7). Generate Receipt

Select the particular order id from the table. The details will display on the text fields. Click ‘Generate Receipt’ button to generate receipt. User can print and reset it by click ‘Print Receipt’ and ‘Reset’ button.

The screenshot shows a software interface for generating a receipt. On the left, there is a table with columns: Orderid, Calamo..., Discou..., Discount, Totalbill, Status, and Date. The table contains four rows of data. Below the table, there is a form with fields for 'Order Number' (text box), 'Calculate Total Amount' (button), 'Calculated Total Amount' (text box), 'Rs.' (text box), 'Select Discount' (radio buttons for YES and NO), 'Discount Amount' (text box), 'Calculate Total Bill' (button), 'Total Bill' (text box), 'Generate Receipt' (button with a red arrow pointing to it), 'Print Receipt' (button), 'Order Status' (radio buttons for PAID and NOT PAID), 'Reset' (button), 'Select Date' (text box with a calendar icon), and buttons for 'ADD', 'UPDATE', and 'DELETE'. On the right, a preview window titled '\*\*\*\*\* RECEIPT \*\*\*\*\*' displays the receipt details: Date: Sun Sep 01 00:00:00 IST 2019, Order Number: 5, Discount: 0.5, Total Bill: 26701.0, and a placeholder for 'Signature'.

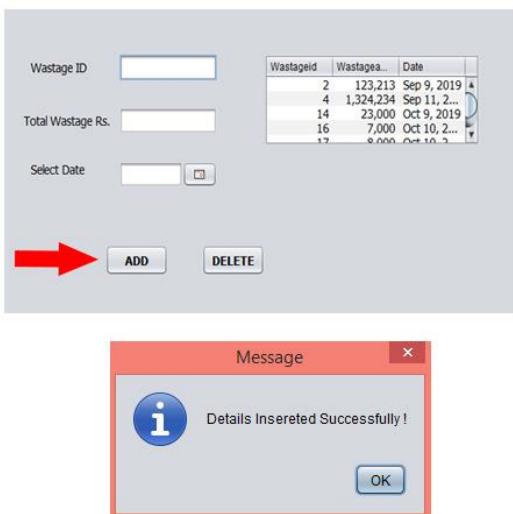
### 3.2.3 Bar Wastage Handling

From bar wastage handling interface user can add wastage amount to the database. Further, user can delete existing wastage details from the database.

The screenshot shows a software interface for managing bar wastage. At the top, there is a logo for 'Hotel Kabalana' and text indicating the date and time: 06-10-2019, 09 : 41 : 28 PM, and a 'Log Out' button. On the left, a sidebar menu lists: 'Bar Inventory Management', 'Stock Handling', 'Order Handling', 'Wastage Handling' (which is highlighted in yellow), 'Account Handling', and 'Generate Reports'. The main area is titled 'BAR WASTAGE HANDLING'. It contains a table with columns: Wastage ID, Wastage amount, and Date. The table has one entry: Wastage ID 1, Wastage amount 1,200, and Date Oct 11, 2019. Below the table are input fields for 'Wastage ID' (text box), 'Total Wastage Rs.' (text box), 'Select Date' (text box with a calendar icon), and buttons for 'ADD', 'DELETE', and 'SUBMIT'. There is also a small 'Wastage' button at the bottom of the table.

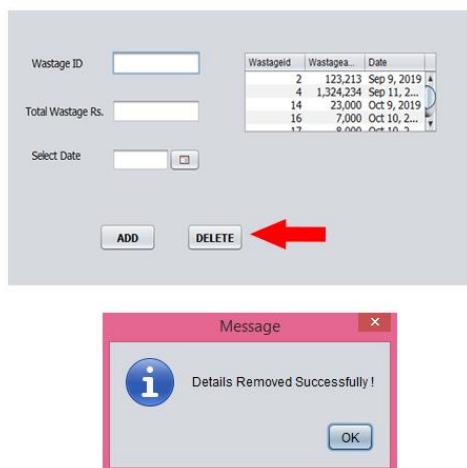
## **1). Add wastage**

User can manually calculate the wastage amount enter to the text field and select a date . User can't enter the values in to wastage id field because it is auto generated. Click ‘ADD’ button to add the details to the database. Then screen will display a ‘Details Inserted Successfully!’ message.



## **2). Delete wastage**

Select the particular wastageid from the table. Then click ‘DELETE’ button to delete the wastage details from the database. Then screen will display a ‘Details Removed Successfully!’ message.



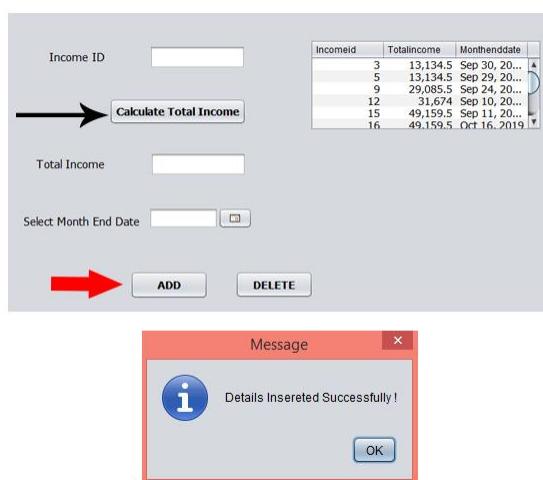
### 3.2.4 Bar Account Handling

From bar account handling interface user can add total month end income to the database and can delete existing details from the database.



#### 1). Add total income

User can automatically calculate the total month end count by clicking 'Calculate Total Income' button. User can't enter the values in to income id field because it is auto generated. Select date and click 'ADD' button to add the details to the database. Then screen will display a 'Details Inserted Successfully!' message.



## 2). Delete total income

Select the particular incomeid from the table. Then click ‘DELETE’ button to delete the income details from the database. Then screen will display a ‘Details Removed Successfully!’ message.

The screenshot shows a user interface for managing income. At the top, there is a search bar labeled 'Income ID' and a button labeled 'Calculate Total Income'. Below these are fields for 'Total Income' and 'Select Month End Date'. On the right, there is a table with columns 'Incomeid', 'Totalincome', and 'Monthenddate'. The table contains several rows of data. At the bottom, there are two buttons: 'ADD' and 'DELETE', with a red arrow pointing to the 'DELETE' button. A separate window titled 'Message' displays the success message 'Details Removed Successfully!' with an 'OK' button.

Incomeid	Totalincome	Monthenddate
3	13,134.5	Sep 30, 20...
5	13,134.5	Sep 29, 20...
9	29,085.5	Sep 24, 20...
12	31,674	Sep 10, 20...
15	49,159.5	Sep 11, 20...
16	49,159.5	Oct 16, 2019

### 3.2.5 Generate reports

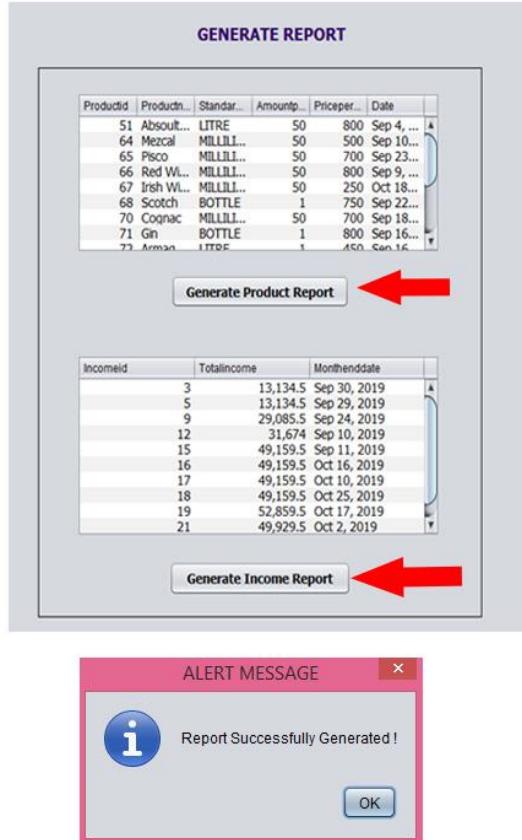
User can generate report form products and income.

The screenshot shows the main interface of the 'Bar Inventory Management' system for 'Hotel Kabalana'. The header includes the hotel name, address, and a log out button. On the left, there is a sidebar with icons for Stock Handling, Order Handling, Wastage Handling, Account Handling, and Generate Reports. The main content area is titled 'GENERATE REPORT' and contains two sections: 'Generate Product Report' (which shows a table of product details) and 'Generate Income Report' (which shows a table of income details).

Productid	Product	Standard	Amount	Priceper	Date
1	vodka	LITRE	50	120	Oct 17, 2019
2	vv	LITRE	33	323	Oct 10, 2019

Incomeid	Totalincome	Monthenddate
1	1,292	Oct 10, 2019

Click ‘Generate Product Report’ button to generate products report and click ‘Generate Income Report’ button to generate income report. Then screen will display a ‘Report Successfully Generated!’ message.



### NOTE:

- User can only enter numbers in both amount per unit and price per unit fields.
- User can't leave empty fields. It will show an error message. So, user required to fill every field to add, update or delete products.

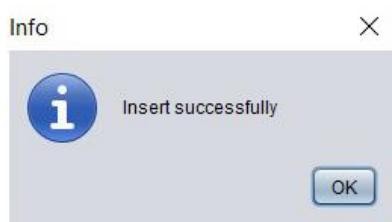


### 3.3 Supplier Management System

In Supplier Department, there are five menus user can select according to the requirement. Add Supplier, Update & Delete Supplier, Add Order, Update & Delete Order and Generate Reports are the functions which it is possible to perform in this department.

#### 3.3.1 Add supplier

If user want to add new supplier, click on “Add Supplier” menu and fill every data fields which the system request from user. Moreover, Supplier ID is auto generate from the database. After user inserted all fields correctly, click on INSERT button. When it is inserted, it shows the dialog box as “Inserted Successfully”. If user want to clear the fields, it is possible to clear every fields by clicking the CLEAR button.



## NOTE:

- If user avoid at least one data field without filling, it shows the error message when user click on the INSERT button.

**Add New Supplier**

Supplier NIC	<input type="text" value="123456789v"/>
First Name	<input type="text" value="Raveen"/>
Last Name	<input type="text" value="Perera"/>
Contact Number	<input type="text" value="0112734560"/>
E-mail	<input type="text" value="asds@yahoo.com"/>
Company Name	<input type="text" value=""/>
<input type="button" value="INSERT"/> <input type="button" value="CLEAR"/>	

Search by Supplier ID

SupplierID	Nic
15	178
19	987
21	981
22	981
24	saa
25	saa
26	saa
5	5
5	81
5	5
5	81
58	89
10	89
41	987
42	987
43	8
44	88
45	178
46	981
47	1
48	1
49	147
50	987
52	987
56	741
57	123
61	123
62	179

Message

Company Name is mandatory

OK

- If user insert invalid Supplier NIC, Contact Number and also E-mail, system shows each fields are invalid. User have to insert valid details and also user have to fill every requested fields without avoiding because of those reasons.

**Add New Supplier**

Supplier NIC	<input type="text" value="123456789v"/>
First Name	<input type="text" value="Raveen"/>
Last Name	<input type="text" value="Perera"/>
Contact Number	<input type="text" value="0112734560"/>
E-mail	<input type="text" value="asds@yahoo.com"/> <span style="color: red; font-size: 0.8em;">Invalid</span>
Company Name	<input type="text" value="asdasd"/>
<input type="button" value="INSERT"/> <input type="button" value="CLEAR"/>	

**Add New Supplier**

Supplier NIC	<input type="text" value="123"/> <span style="color: red; font-size: 0.8em;">Invalid</span>
First Name	<input type="text" value="Raveen"/>
Last Name	<input type="text" value="Perera"/>
Contact Number	<input type="text" value="0112734567"/> <span style="color: red; font-size: 0.8em;">Invalid</span>
E-mail	<input type="text" value="asds@yahoo.com"/>
Company Name	<input type="text" value="asdasd"/>
<input type="button" value="INSERT"/> <input type="button" value="CLEAR"/>	

**Add New Supplier**

Supplier NIC	<input type="text" value="123456789v"/>
First Name	<input type="text" value="Raveen"/>
Last Name	<input type="text" value="Perera"/>
Contact Number	<input type="text" value="0112734560"/> <span style="color: red; font-size: 0.8em;">Invalid</span>
E-mail	<input type="text" value="asds@yahoo.com"/>
Company Name	<input type="text" value="asdasd"/>
<input type="button" value="INSERT"/> <input type="button" value="CLEAR"/>	

### 3.3.2 Update and Delete supplier

If user want to update or delete supplier, click on “Update & Delete Supplier” menu. If the requirement of the user is to delete the existing supplier, click the relevant record in the view table and click on the DELETE button. When it is deleted, it shows the dialog box as “Deleted Successfully”. If the requirement of the user is to update the details of the existing supplier, click on the relevant record from the view table and it is possible to make changes of the record according to the requirement of the user. But user should enter the valid details and also fill all fields which is requested. After fill all fields correctly, it is possible to update supplier. When it is updated, it shows the dialog box as “Updated Successfully”.

The screenshot displays the Hotel Kabalana Supplier Management system interface. The main window shows the 'Update & Delete Supplier Details' dialog with fields for Supplier ID, Supplier NBC, First Name, Last Name, Contact Number, Email, and Company Name. Below these fields are three buttons: UPDATE, DELETE, and CLEAR. Red arrows point to the UPDATE and CLEAR buttons. To the right of the dialog is a search results table with one row visible, containing columns for Supplier ID, Firstname, Lastname, Contactnumber, Email, and Companynam. The bottom section shows two confirmation dialogs: 'Info' with 'Update successfully' and 'OK' button, and another 'Info' with 'delete successfully' and 'OK' button.

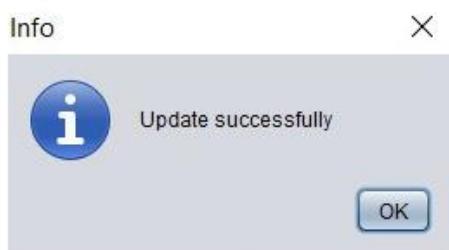
### 3.3.3 Add order

If user want to place an order, click on “Add Order” menu. User have to place an order, according to the inquiry of the Inventory Management Department. User have to fill every data fields which the system request from user. User cannot place an order unless Inventory Management Department requested to do so. Order ID is auto generate from the database. System does not allow user to insert Supplier ID which is not existing in the system. It shows a dialog box as “Insert valid Supplier ID”. If user insert existing Supplier ID, Supplier Name is automatically fill. User doesn't need to fill that field again. System does not allow user to insert Item Code which is not existing in the system. It shows a dialog box as “Insert valid Item Code”. If user insert existing Item Code, Item Name is automatically fill. User doesn't need to fill that field again. User have to insert the quantity and unit Price according to the request of the Inventory Management System. When user insert Quantity and Unit Price, Total is automatically calculated from the system. After user inserted all fields correctly, click on INSERT button. When it is inserted, it shows the dialog box as “Inserted Successfully”. If user want to clear the fields, it is possible to clear every fields by clicking the CLEAR button.

The screenshot displays the Hotel Kabalana Supplier Management System interface. On the left, a sidebar titled "Supplier Management" contains links for "Add Supplier", "Update & Delete Supp...", "Add Order", "Update & Delete Order", and "Generate Reports". The main area features a header "HOTEL KABALANA" with the subtitle "Matara Rd, Ahangama 80650" and a timestamp "06-10-2019 10 : 20 : 06 PM". A "Logout" button is also present. The central part of the screen shows two panels: "Add New Order" on the left and "Order Requests" on the right. The "Add New Order" panel includes fields for Supplier ID, Supplier Name, Order Date, Item Code, Item Name, Quantity, and Unit Price, with a "Total" calculated field. The "INSERT" and "CLEAR" buttons are located at the bottom of this panel. Red arrows point to the "INSERT" button and the "CLEAR" button. The "Order Requests" panel displays a table of order details. Below the main interface is an "Info" dialog box with a blue circular icon containing an 'i', the message "Insert successfully", and an "OK" button.

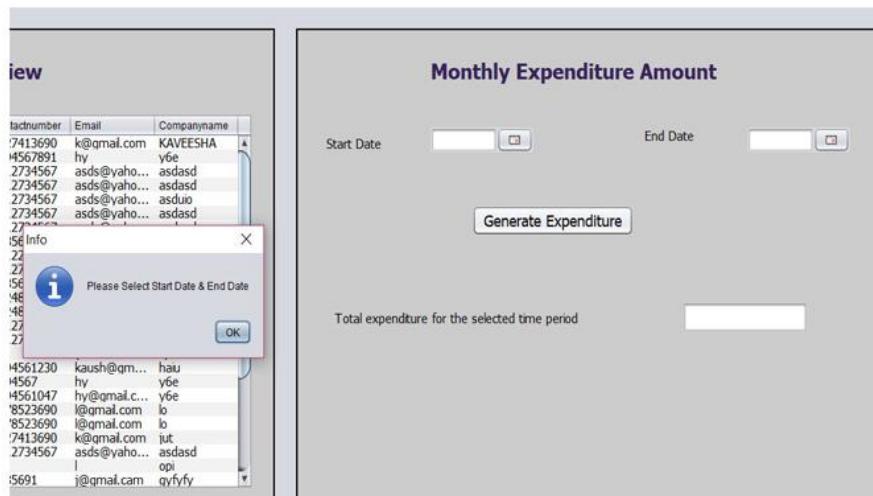
### 3.3.4 Update and Delete order

If user want to update or delete order, click on “Update & Delete Order” menu. If the requirement of the user is to delete the existing order, click the relevant record in the view table and click on the DELETE button. When it is deleted, it shows the dialog box as “Deleted Successfully”. If the requirement of the user is to update the details of the existing order, click on the relevant record from the view table and it is possible to make changes of the record according to the requirement of the user. But user should enter the valid details and also fill all fields which is requested. After fill all fields correctly, it is possible to update order. When it is updated, it shows the dialog box as “Updated Successfully”.



### 3.3.4 Generate report

User(Manager) can generate the Supplier Report by clicking on the “Generate Supplier Report View” User can choose the path to save the report according to the preference. Report also shows the Total Number of suppliers existing up to now. User can get the total of the expenditure of the department, according to the time duration. User have to select the Start Date and End Date for that. Unless user select the time duration, system shows a dialog box as “Please Select Start End & End Date”. When user insert time duration which is user wish to get the total expenditure, System automatically calculate and display it to the user according to the time period.



## 3.4 Accommodation Management System

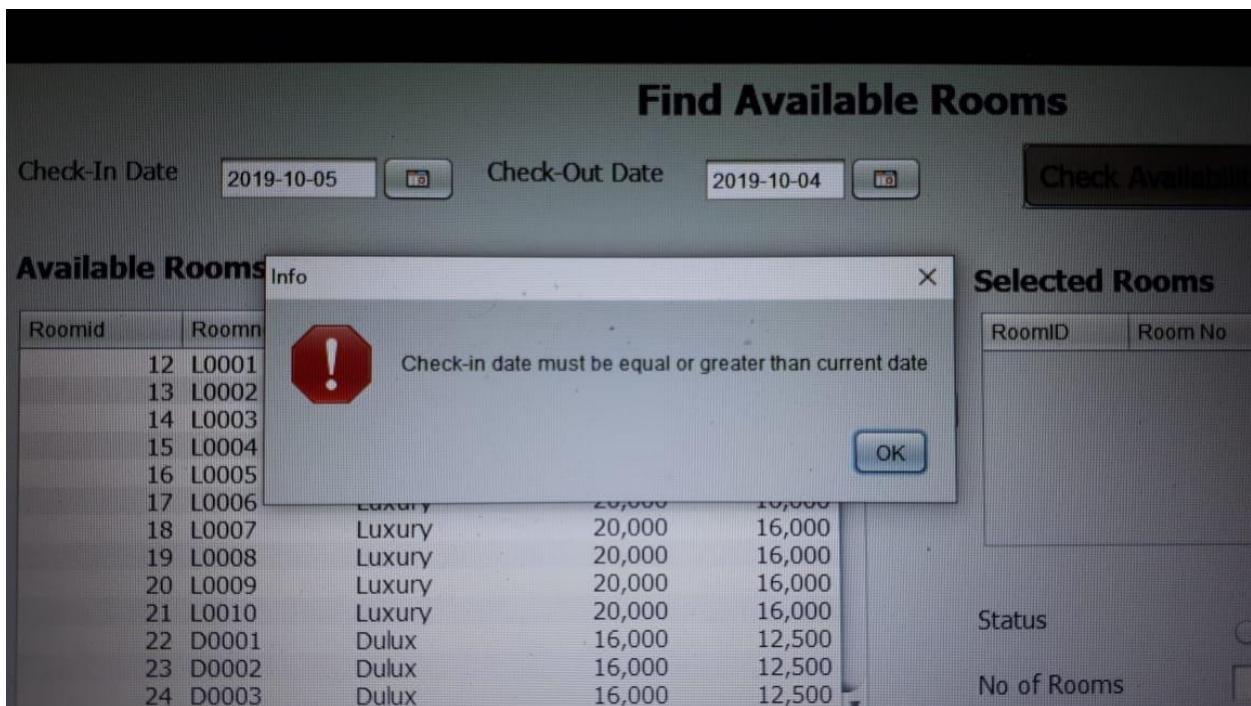
### 3.4.1 Availability

In Accommodation Management function mainly focus on room reservation system. After login to the accommodation function this panel was appeared first. In this panel receptionist first enter check-in and checkout dates. Then receptionist click check availability button. After that in available rooms table display available rooms between check-in and checkout dates. After that guest can choose many rooms in available rooms table. Then guest can select and add rooms to the selected rooms table. After that guest want to choose room status. According to the room status total room price will be calculate by clicking process button. Next receptionist clicks make booking button to go to the next panel. If receptionist want to clear all details in the panel receptionist can click reset button.

The screenshot shows the 'Accommodation Management' section of the Hotel Kabalana system. On the left, there's a sidebar with icons for Availability, Room Reservation, Payment, Guest Profile, and Reports. The main area is titled 'Find Available Rooms'. It has two date input fields ('Check In Date' and 'Check Out Date') and a 'Check Availability' button (marked with a red arrow). Below these are two tables: 'Available Rooms' and 'Selected Rooms'. The 'Available Rooms' table lists room numbers, room types, room rates, and room discounts. The 'Selected Rooms' table is currently empty. To the right of the tables are fields for 'Status', 'No of Rooms', 'No of Days', and 'Price', along with radio buttons for 'Full Board' and 'Half Board'. At the bottom are 'Reset', 'Make Booking' (marked with a red arrow), and 'Process' buttons, along with a 'Log Out' button in the top right corner.

#### NOTE:

- Check-in date must be on or after current date.
- Checkout date must be on or after check-in date.



- Select room status is mandatory.

### 3.4.2 Make booking

If guest is regular guest, receptionist can search guest details by selecting guest id or NIC/Passport radio buttons and according to guest id or NIC/Passport guest details will appear in the below table. After that receptionist can click that table row. Then table selected row details will auto fill into the text fields. Then receptionist can change necessary fields without filling all fields. After that receptionist can click update booking button to update guest details to the database and go to the payment panel. If guest is new guest, receptionist must enter NIC/Passport, first name, last name, email, gender, country, no of adults, no of children. After that receptionist can click make booking button to insert guest details to the database and go to the payment panel.

**Accommodation Management**

**Make Booking**

Search   By Guest ID  NIC/Passport

ID	NIC/Passport	Name	Guest	Email	Country	No of Adults	No of Children
1	MR123456789	Dhanayake	Tanusha	tanusha@...	Sri Lanka	3	1
2	MR123456789	adhdff	adhdffjkl...	adhdff@...	Sri Lanka	2	2
3	MR123456789	vvvvvvv	vvvvvvv	vvvvvvv@...	Sri Lanka	5	3
4	MR123456789	ppp	ppppppp	ppppppp@...	Sri Lanka	3	1
5	MR123456789	gggg	ttttttt	ttttttt@...	Sri Lanka	9	9

**Room Details**

Status:  Available  Booked  
No of Rooms:   
Price:

**Room Details**

No of Days:   
Check In Date:   
Check Out Date:

**Guest Details**

Photos:  **Upload** →  
Guest ID:   
NIC/Passport:   
First Name:   
Last Name:   
Email:   
Gender:  Female  Male  
Country:   
No of Adults:   
No of Children:

**Buttons:** Reset, Make Booking, Update Booking →

**Info Boxes:**

- Record Inserted
- Record Updated

### NOTE:

- NIC/Passport, first name, last name, email, country, no of adults and no of children fields are mandatory.
- NIC/Passport field validated according to the new nic/old nic/passport number.

**Make Booking** 06-10-2019 10:57:33 PM

	Nicpass...	Fname	Lname	Email	Country	Noofadul...	Noofchil...
9	97760...	Kaveetha	Sathsar...	kavee...	Sri Lanka	2	3
10	98675...	Induwara	G Info			0	0
11	78473...	Hasindu	D			2	2
15	87679...	Kalindu	Vid...			2	2
16	87674...	Rangana	H			1	1
17	89473...	Raveen	F			3	3
19	76893...	Kamal	M			3	3
20	76895...	Nimal	S			2	2
22	67893...	Kanthi	P			2	1
26	78001...	kamal	w...				

NIC / Passport is mandatory

**Room Details**

Status	<input type="radio"/> Full	<input type="radio"/> Half
No. of Rooms	1	
Room Details		
No of Days 7		
Checkin Date 2019-10-06		
Checkout Date 2019-10-12		



**Room Details**

Guest ID: 15

NIC/Passport: 8767927 \*Invalid

First Name: Kalindu

Last Name: Vidmal

Email: kaliya@gmail.com

Gender:  Male

Country: Kenya

- First name, last name, country fields validated letters only.

**Room Details**

Name	Lname	Email	Country	Noofadults	Noofchildren
Kaveetha	Sathsar...	kavee...	Sri Lanka	2	3
Induwara	Gurusin...	pas@q...	Canada	2	0
Hasindu	Dahan...	hasa@...	America	4	2
Vidmal	kalindu@...	Kenya	4	2	
Rangana	Herath	ranga...	Sri Lanka	4	1
Raveen	Fernan...	ravee@...	Australia	4	3
Kamal	Munash...	kamal...	Sri Lanka	3	3
Nimal	Sirsena...	nimal@...	Sri Lanka	4	2
Kanthi	Perera	kanthi...	Australia	4	2
Wimal	weeras...	kenya	Kenya	3	1

Room Details

<input type="radio"/> Half	<input type="radio"/> Full
No of Days 7	
Checkin Date 2019-10-06	
Checkout Date 2019-10-12	



**Room Details**

Guest ID: 15

NIC/Passport: 8767927 \*Invalid

First Name: Ka0 \*Letters Only

Last Name: Vidmal9 \*Letters Only

Email: kaliya@gmail.com \*Invalid

Gender:  Female  Male

Country: Kenya

No of Adults: 8k \*Integers only

No of children: 2k \*Integers only

- No of adults, no of children fields validated numbers only.

**Make Booking**

	Nicpass...	Fname	Lname	Email	Country	Noofadul...	Noofchil...
9	97760...	Kaveetha	Sathsar...	kavee...	Sri Lanka	2	3
10	98675...	Induwara	G Info			0	0
11	78473...	Hasindu	D			2	2
15	87679...	Kalindu	Vid...			2	2
16	87674...	Rangana	H			1	1
17	89473...	Raveen	F			3	3
19	76893...	Kamal	M			3	3
20	76895...	Nimal	S			2	2
22	67893...	Kanthi	P			2	1
26	78001...	kamal	w...				

No of Adults name is mandatory

**Room Details**

Status	<input type="radio"/> Full	<input type="radio"/> Half
No. of Days 7		



**Room Details**

Guest ID: 15

NIC/Passport:

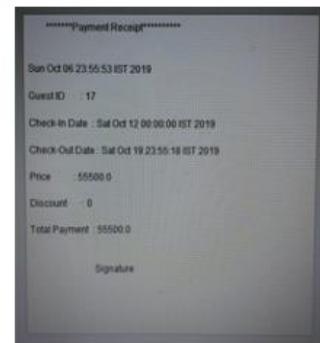
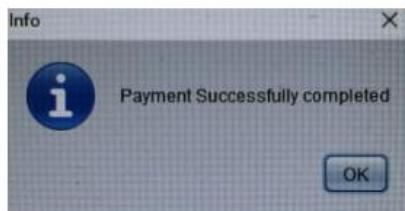
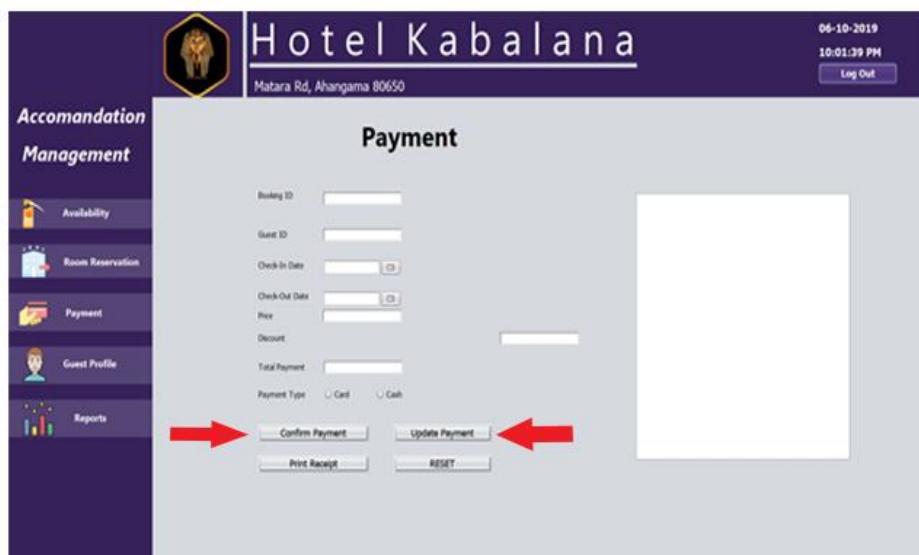
First Name: Kalindu

Last Name: Vidmal

Email: kaliya@gmail.com

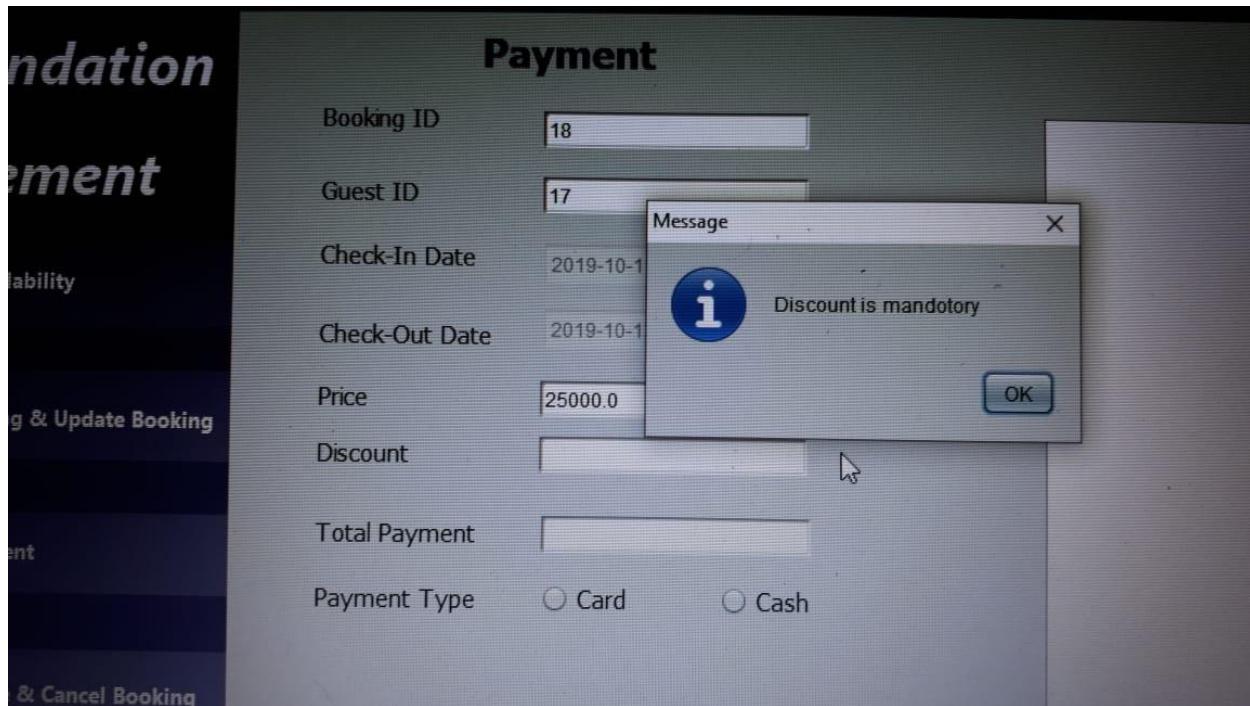
### 3.4.3 Payment

After inserting or updating guest details this payment panel will be appeared. In this panel needs check-in date, checkout date, booking id, guest id, price, discount, total payment and payment type. In this panel receptionist must enter only discount field. After entering discount field total payment field will be auto calculated. Other fields values are auto generated from availability pane and make booking panel. If guest is existing guest receptionist must click update payment button. Else receptionist must click confirm payment button.



## **NOTE:**

- Discount field is mandatory.
- Discount field validated by integer or double values.



### **3.4.4 Guest profile**

In this panel receptionist can search guest details by selecting guest id radio button. According to searching guest id guest details will be appeared in below table. After clicking selected row in the table guest details display in the guest id, NIC/Passport, first name, last name, email, no of rooms, country, no of adults, no of children, check-in date, check-out date, total amount fields. Receptionist can clear all text fields by clicking reset button. Also, receptionist can delete guest details and booking details from database by clicking cancel booking button.

The screenshot shows the 'Guest Profile' section of the Hotel Kabalana Accommodation Management System. At the top right, the date is 06-10-2019 and the time is 10:02:05 PM. A 'Log Out' button is also present. On the left, a sidebar menu includes 'Availability', 'Room Reservation', 'Payment', 'Guest Profile' (which is selected), and 'Reports'. The main area has a search bar and a radio button for 'By Guest ID'. Below this is a table with guest information:

GuestID	Nic/Passport	Fname	Lname	Email	No of Room	Country	No of Adults	No of Children	Check-In	Check-Out	Total Payment
4	9812222222	Rith	ffffvvvvv..	ffff@vvvvv.vv	2	NA	3	0	2019-10-23	2019-10-25	41200.0
1	9812332154	Hanshu	Dahayake	hanshu@vvvvv.vv	2	Sri Lanka	3	0	2019-10-04	2019-10-04	46000.0

Below the table are 'Reset' and 'Cancel Booking' buttons. A red arrow points to the 'Cancel Booking' button. To the right is a 'Personal Details' form with fields for Guest ID, NIC/Passport, First Name, Last Name, Email, No of Rooms, Country, No of Adults, No of Children, Check-In Date, Check-Out Date, and Total Amount.

### NOTE:

- Before searching, receptionist must select criteria first.

The screenshot shows the 'Guest Profile' search results. The search term 'j' is entered in the search bar. A modal dialog box is displayed, showing an exclamation mark icon and the message 'Select a criteria'. The search results table below shows guest information:

Guest...	Nic/P...	Fname	Lname	Email	No of ...	Country	No of ...	No of ...	Check...	Check...	Total ...
47	8765...	ssss	ffff						2019...	2019...	3072...
46	9745...	Lamido	kll						2019...	2019...	2912...
45	H78 ...	Vage...	Suda...						2019...	2019...	4320...
44	8545...	Sachini	Uresha						2019...	2019...	5820...
41	6789...	kkkk...	ssss						2019...	2019...	4000...
37	9776...	qqqq	dddd						2019...	2019...	4005...
32	6578...	Man...	Jayalal						2019...	2019...	4450...
30	8769...	Akila	Dana...						2019...	2019...	1600...
28	2345...	Malki	Cha...						2019...	2019...	4300...
27	9776...	Sunil	Jaya...	sunil...	3	Austr...	3	4	2019...	2019...	2400...
26	7890...	kamal	weer...	kam...	1	kenya	3	1	2019...	2019...	1300...
22	6789...	Kanthi	Perera	kant...	3	Austr...	4	2	2019...	2019...	4650...
20	7689...	Nimal	Sirise...	nimal...	5	Sri L...	4	2	2019...	2019...	4316...
19	7689...	Kamal	Mun...	kam...	1	Sri L...	3	3	2019...	2019...	1344...
17	8947...	Rave...	Fern...	rave...	3	Austr...	4	3	2019...	2019...	2850...
16	8767...	Rang...	Herath	rang...	1	Sri L...	8	1	2019...	2019...	3008...
15	8767...	Kalindu	Vidmal	kaliny...	3	Kenya	4	2	2019...	2019...	2500...
11	7847...	Hasin...	Daha...	hasia...	3	Amer...	4	2	2019...	2019...	4300...
10	9867...	Indu...	Guru...	pasi...	6	Cana...	2	0	2019...	2019...	5400...

### 3.4.5 Report

In this panel receptionist can generate monthly rooms income report. First receptionist enter month and click process button. After that according to the month guest details will be display in the table. Also, no of guests and income of the month will be auto calculated. Then clicking generate report button file chooser will be appeared. Receptionist can choose file path where to generate report as pdf. After that pdf will be generated.

The screenshot shows the 'Monthly Income Report' page of the Hotel Kabalana Accommodation Management system. The top navigation bar includes the hotel logo, name ('Hotel Kabalana'), address ('Matara Rd, Ahangama 80650'), date ('06-10-2019'), time ('10:02:35 PM'), and a 'Log Out' button. On the left, a sidebar lists management functions: Availability, Room Reservation, Payment, Guest Profile, and Reports (with a red arrow pointing to the 'Generate Report' button). The main form has fields for 'Select Month' (dropdown), 'No of Guests' (text input), and 'Income of the month' (text input). Below these are 'PROCESS' and 'Reset' buttons. To the right is a table showing guest details:

Guest ID	NIC/Passport	Name	Username	Check-In	Check-Out	Total Payment
4	9812322222v	Ibh	Ibh	2019-10-15	2019-10-15	42280.0
1	9812323254v	Hasthudu	Cahanayake	2019-10-04	2019-10-04	46080.0

#### NOTE:

- Select month field is mandatory.

## 3.5 Restaurant Management System

### 3.5.1 Table availability

This panel appears first after login to the restaurant management function. In this panel cashier must be choose date, hours and number of persons. After that cashier click check availability button. After clicking this button reserved label will be display in reserved tables. Cashier can select not reserved tables and book tables by clicking book button.

The screenshot displays the 'Hotel Kabalana' Restaurant Management System interface. On the left, a sidebar lists management functions: Items and Menus, Order Handling, Order Details, Customer Details, Table Availability (selected), and Restaurant Reports. The main area shows a grid of 18 tables numbered 1 to 18. Tables 1 through 9 are in the top row, 10 through 18 in the second. Each table icon includes a red diamond shape indicating its status. Below the grid is a booking form with fields for Date (06-10-2019), Hour (09 : 30 : 34 PM), and Number of Persons (1). It features two buttons: 'Check Availability' (highlighted with a red arrow) and 'Book' (highlighted with a red arrow). A success message 'Email sent Successfully' is visible above table 10. The bottom part of the interface shows tables 10 through 18 again, with table 17 highlighted as 'Available'.

## **NOTE:**

- Date, hours and numbers of person are mandatory.
- Date must be equal or greater than system date.

The screenshot shows a booking form with the following fields and validation messages:

- Date: A text input field with a calendar icon. Error message: **\*Please select a valid date**.
- Hour: A dropdown menu labeled "Select". Error message: **\*Please select a hour**.
- Number of Persons: A text input field. Error message: **\*Please fill all fields**.
- Buttons: "Book" and "Check Availability".

## **3.5.2 Customer details**

In this panel if customer is a regular customer, cashier can update customer details by selecting customer id or name and clicking search button. After that according to the customer id or name, customer details display in the below table. Cashier can select row according to the id or name and clicking that row below text fields auto filled according to the customer details. Then cashier can click update button. If customer is new customer cashier must fill all the field and click add button. Also, cashier can delete customer by clicking delete button.

The screenshot shows the "Customer Details" page of the "Hotel Kabalana" system. The page includes:

- Header: Hotel Kabalana, Matale Rd, Ahangama 80650, Log Out.
- Left Sidebar: Restaurant Management, Items and Menus, Order Handling, Order Details, Customer Details (highlighted), Table Availability, Restaurant Reports.
- Main Content:
  - Search bar: Search by ID (radio button) or Search by Name (radio button).
  - Table: Customer Details table with columns: GuestId, Fname, Nicpass, Email, Contact, Preference, Rice, Soup, Noodles, MeatD., Seafood, Beverages, Veg Dishes, Puddings, Menus, Other. The table lists 34 rows of placeholder data.
  - Form at the bottom:
    - Guest Id:
    - NIC/Passport:
    - Contact:
    - Preference:
    - Full Name:
    - Email:
    - Guest Id:
    - NIC/Passport:
    - Contact:
    - Preference:
  - Buttons: Add, Update, Delete.

## **NOTE:**

- Guest id, full name, email, NIC/Passport, contact, preferences fields and mandatory.
- NIC/Passport validated by old nic, new nic and passport number.

GuestId	Fullname	Nic/pass.	Email	Contact	Preference	Rice	Soup	Noodles	MeatD.	Seafood	Beverages	Veg Dishes	Puddings	Menus	Other
1	Manthi	981233255V	hasyala@oma...	0767091365		Rice									
2	ViththaPera	981233255V	ss123@yahoo.c...	0767091365											
3	BurudDevan...	981233255V	ss123@yahoo.c...	0767091365											
4	KaveethaSath...	981233255V	981233255V	0767091365											
5	KaveethaSat...	981233255V	KaveethaSat...	0767091365											
6	Pasindu	981233255V	Pasindu@ya...	0767091365											
7	Lakmni	981233255V	lakmni@ma...	0767091365											
10	Kaushalya...	991244552V	kaushalya@ma...	0711234566											
44	HasinduDah...	991244552V	hasyala@yah...	0711234567											
45	KaushalyaSa...	991722334V	kaushalya@...	071821456											

Customer Details

Search by ID  Search by Name  Search

Guest Id:  NIC/Passport:  23123 \*Please enter a valid NIC/Passport number

Full Name:  123123 \*Please enter a valid name

Contact:  67567hd\* \*Please enter a valid contact number

Email:  8678678 \*Please enter a valid Email  
\*Please enter all the fields

Add Update Delete

### **3.5.3 Items and Menus**

In this panel restaurant manager can add items and menus to the system. Restaurant manager can add items by selecting item type, entering item name, qty on hand and item price to the system. Also, restaurant manager can search items and menus by selecting id or name and click search button. After that restaurant manager can update items and menus in the system. Also, by searching item id or name restaurant manager can remove items and menus from the database.

**Items and Menus**

Itemid	Itemname	Price	Category	Qtyonhand
2	PCRM	560.0	Others	34
3	FriedRice	560.0	Rice	34
5	FriedRice1	560.0	Rice	34
6	FriedRice2	560.0	Rice	34
7	FriedRice3	560.0	Rice	34
8	FriedRice4	560.0	Rice	34
9	FriedRice5	560.34	Rice	34
10	FriedRice6	560.34	Rice	34
13	FriedRice7	560.34	Rice	34
14	FriedRice8	560.34	Rice	34
32	heho	77.0	Meat Dish	67
35	FriedRiceyyyyy	560.0	Rice	34
27	FriedRiceyyyyyy	560.0	Rice	34
38	FriedRiceyyyyyy	560.0	Rice	34
42	FriedRiceyyyyyy	560.0	Rice	34
43	FriedRiceyyyyyy	560.0	Rice	34
44	FriedRiceyyyyyy	560.0	Rice	61

Item name: \_\_\_\_\_ Qty on hand: \_\_\_\_\_  
 Item type: Rice Item price: \_\_\_\_\_

Add      Update      Remove

temid	Itemname
65	Burger
66	Vegetable Noodles
67	chicken Kottu
68	Meat Bun
69	Special Sea food Deval
70	Meat Bun
71	Special Sea food Deval
72	Orange juice
73	watalappan
74	Vegetable bun
75	Sultan Bun
2	pizza
3	FriedRice

**Inserted Successfully**

emid	Itemname
65	Burger
66	Vegetable Noodles
67	chicken Kottu
68	Meat Bun
69	Special Sea food Deval
70	Meat Bun
71	Special Sea food Deval
72	Orange juice
73	watalappan
74	Vegetable bun
2	pizza
3	FriedRice

**Updated Successfully**

temid	Itemname
65	Burger
66	Vegetable Noodles
67	chicken Kottu
70	Meat Bun
71	Special Sea food Deval
72	Orange juice
73	watalappan
74	Vegetable bun
2	pizza
3	FriedRice

**Deleted Successfully**

## NOTE:

- Item name, qty on hand, item price fields are mandatory.
- Qty on hand validated in numbers only.
- Item price validated in double only.

ItemID	Itemname	Price	Category	Qtyonhand
200	Other	70		
500	Noodles	30		
550	Other	10		
600	Other	30		
100	Other	30		
150	Other	30		
1,800	Sea food	30		
200	Beverage	30		
300	Noddles	30		
100	Soup	91		
560	Others	34		
560	Rice	34		
567	Soup	91		
74	Vegetable bun			
2	pizza			
3	Friedrice			
46	soup			

### 3.5.4 Order details

In this panel above table display all order details according to the order id. Cashier can place order by entering guest id. After entering guest id total, order date, handle date and handle status fields are auto generated. By clicking place order button order add to the database. By entering order id cashier can update or remove order details from order details table.

**Order Details**

Orderid	Guestid	Total	Handledstatus	Handleddate	Orderdate
4	28	1683.03	true	Sun Oct 06 00:00:00 IST 2019	Sat Sep 28 00:00:00 IST 2019
5	39	1062.04	true	Sun Sep 29 00:00:00 IST 2019	Sun Sep 29 00:00:00 IST 2019
6	39	2240.0	true	Tue Oct 01 00:00:00 IST 2019	Tue Oct 01 00:00:00 IST 2019
7	39	3360.0	true	Tue Oct 01 00:00:00 IST 2019	Tue Oct 01 00:00:00 IST 2019
8	39	3923.38	true	Tue Oct 01 00:00:00 IST 2019	Tue Oct 01 00:00:00 IST 2019
9	39	7942.38	true	Tue Oct 01 00:00:00 IST 2019	Tue Oct 01 00:00:00 IST 2019
10	39	7280.0	true	Wed Oct 02 00:00:00 IST 2019	Wed Oct 02 00:00:00 IST 2019
11	39	3923.38	true	Wed Oct 02 00:00:00 IST 2019	Wed Oct 02 00:00:00 IST 2019
12	39	2360.0	true	Wed Oct 02 00:00:00 IST 2019	Wed Oct 02 00:00:00 IST 2019
13	39	4482.72	true	Wed Oct 02 00:00:00 IST 2019	Wed Oct 02 00:00:00 IST 2019
14	39	2241.36	true	Wed Oct 02 00:00:00 IST 2019	Wed Oct 02 00:00:00 IST 2019

**Order Details**

GuestID:

Total:

Order Date:

Handled date:

Handled Status:

**Place Order**

Guest ID:

Order ID:

Total:

Order Date:

Handled Date:

Handled Status:

**Update** **Remove**

### 3.5.5 Order handling

Cashier can use this panel only for regular customers. Cashier can know customer is regular customer or not by entering NIC/Passport number. After entering it customer name, guest id and most preferred type will be auto filled. In this panel cashier can select customer preferences according to the table or cashier can search menus by id or name and clicking search button. Cashier select customer's preference and that selected row details will be auto filled below right-side bottom panel. After that cashier can add, update or remove that field by clicking that panel buttons. Like that cashier can add all customer preferences into the right-side table. After that clicking view total button system calculate customer total bill.

**Hotel Kabalana**

06-10-2019  
09 : 29 : 08 PM  
Log Out

### Order Handling

Search by ID   Search by Name

Item Id	Item Name	Item Type	Qty	Item Price	Total
2	pizza	Others	34	560.0	
3	FriedRice	Rice	34	560.0	
5	FriedRice	Rice	34	560.0	
6	FriedRicodd	Rice	34	560.0	
7	FriedRicodd	Rice	34	560.0	
8	FriedRicodd	Rice	34	560.0	
9	FriedRicodd	Rice	34	560.34	
10	FriedRicodd	Rice	34	560.34	
13	FriedRicodd	Rice	34	560.34	
14	FriedRicodd	Rice	34	560.34	
32	hebo	Meat_Dish	67	77.0	
35	FriedRicoddy	Rice	34	560.0	
37	FriedRicoddy	Rice	34	560.0	
38	FriedRicoddy	Rice	34	560.0	
42	FriedRicoddy	Rice	34	560.0	

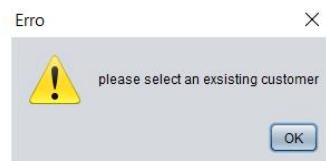
View Total: Total amount:

NIC/Passport:   
Customer name:   
GuestID:   
Most preferred type:  → Proceed

Item Id:  Handling   
Item name:   
Item Type:   
Item Price:   
Qty on hand:   
Qty:  → Add → Update → Remove

ItemId: <input type="text" value="3"/>	Handling <input checked="" type="checkbox"/>
Item name: <input type="text" value="FriedRice"/>	
ItemType: <input type="text" value="Rice"/>	
Item Price: <input type="text" value="560.0"/>	
Qty on hand: <input type="text" value="34"/>	
Qty: <input type="text"/>	
<span style="color: red;">*Please fill all the fields</span>	
<span style="color: red;">Add</span> <span style="color: red;">Update</span> <span style="color: red;">Remove</span>	

NIC/Passport:   
Customer name:   
GuestID:   
Most preferred type:   
\*Not a previous Customer



### 3.5.6 Reports

In this panel display report of order details. First restaurant manager must enter two dates to the system. After entering that date no of orders, pending income, unhandled orders and income fields will be auto filled. Then clicking generate report button pdf report generate. Also, restaurant manager can view chart of income by clicking income chart button.

Hotel Kabalana

Matara Rd, Ahangama 80650

06-10-2019  
09 : 31 : 38 PM  
Log Out

Restaurant Management

Items and Menus  
Order Handling  
Order Details  
Customer Details  
Table Availability  
Restaurant Reports

OrderID	GuestID	HandledDate	OrderDate	UnhandledDate	Total
4 28		Sep 28, 2019	Oct 6, 2019		1,681.02
5 39		Sep 29, 2019	Sep 29, 2019		3,362.04
6 39		Oct 1, 2019	Sep 29, 2019		2,340
7 39		Oct 1, 2019	Oct 1, 2019		3,360
8 39		Oct 1, 2019	Oct 1, 2019		3,922.38
9 39		Oct 1, 2019	Oct 1, 2019		7,842.38
10 39		Oct 2, 2019	Oct 2, 2019		7,397
11 39		Oct 2, 2019	Oct 2, 2019		3,922.38
12 39		Oct 2, 2019	Oct 2, 2019		3,360
13 39		Oct 2, 2019	Oct 2, 2019		4,682.72
14 39		Oct 2, 2019	Oct 2, 2019		2,241.36

From:  To:

No of Orders:  Unhandled orders:

Pending Income:  Income:

Generate Report Income Chart

### 3.6 Employee Management System

### **3.6.1 Employee details**

User can insert update delete employee details. By using employee id, can search.



# Hotel Kabalana

06-10-2019  
11 : 17 : 17 PM

**Employee Management**

-  View Reports
-  Employee Details
-  Salary Management
-  Daily Attendance
-  Job Management

## Employee Details

Employee ID	<input type="text"/>
Employee name	<input type="text"/>
NIC or Passport No	<input type="text"/>
Date of Birth	<input type="text"/> <input type="button" value=""/>
Marital State	<input type="radio"/> Single <input type="radio"/> Married
Address	<input type="text"/>
Gender	<input type="radio"/> Male <input type="radio"/> Female
Contact Number	<input type="text"/>
Job Role	<input type="text"/> Manager <input type="button" value=""/>

Search by Employee ID

Employee ID	Employee Name	NIC/Passport No	DOB	Marital State	Address	Gender	Contact No.	Current Job
1	Mardi	979922...	Jul 10, 1...	Single	Kurupane...	Female	0114011...	Supervisor
2	Kausala	975633...	Oct 19, 1...	Married	Hormaga...	Female	0112156...	Supervisor

## Employee Details

Date: [REDACTED]

Employee ID	76
Employee name	Danush
NIC or Passport No	91XXXXXXXXX
Date of Birth	Mar 25, 2018
Marital Status	<input checked="" type="radio"/> Single <input type="radio"/> Married
Address	Colombo
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Contact Number	0756111595
Job Role	manager05

## Employee Details

Date: [REDACTED]

Employee ID	71
Employee name	[REDACTED]
NIC or Passport No	941010-10-1774
Date of Birth	Oct 4, 2019
Marital Status	<input type="radio"/> Single <input checked="" type="radio"/> Married
Address	Colombo
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female
Contact Number	0757917111
Job Role	manager05

Confirm Cancel Help

Name is invalid

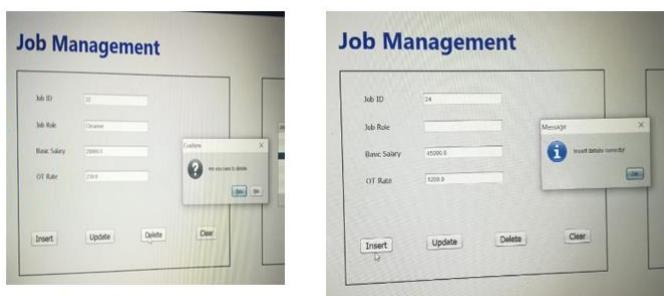
### 3.6.2 Job management

Can create new job. And also update and delete job management details. Can search by usin job id



#### NOTE:

- Can't insert any character value to basic salary and ot rate fields. Should fill all the fields. Cant keep any empty fields.



### 3.6.3 Attendance details

Should enter date. And then have to choose the drop down and select the employee id. Then it auto fill the employee id, emp name and job role. Then have to insert worked hours and over time hours. Can insert update and delete details. By using attendance id, can search attendance details

The screenshot shows the 'Daily Attendance' page of the Hotel Kabalana Employee Management system. The left sidebar has menu items: View Reports, Employee Details, Salary Management, Daily Attendance (which is selected and highlighted with a red arrow), and Job Management. The main area has a title 'Daily Attendance'. It contains input fields for Date, Employee ID (set to 1), Employee Name (set to Marith), Job Role (set to Supervisor), Worked Hours, and Overtime Hours. Below these are buttons for Insert, Update, Delete, and Clear. To the right is a search panel with a 'Search by Attendance ID' field and a 'SEARCH' button, followed by a table of attendance records.

ATTENDEEID	DATE	EMPLOYEEID	EMPLOYEE NAME	CURRENT HOURS	WORKED HOURS	OTHOURS
4	2019-10-11	2	Kavishava	Supervisor	6	4
3	2019-10-04	2	Kavishava	Supervisor	8	8
1	2019-10-11	2	Kavishava	Supervisor	78	7
2	2019-10-18	1	Marith	Supervisor	45	37

### 3.6.4 Salary management

User can enter and calculate the salary. User can add salary details to the database and update and delete the details from the database.

**Employee Management**

The screenshot shows the 'Salary Management' section of the Hotel Kabalana Employee Management system. The interface includes a sidebar with icons for View Reports, Employee Details, Salary Management (highlighted), Daily Attendance, and Job Management. The main area has a title 'Salary Management' and a form for entering salary details. The form fields are: Salary ID (text input), Date (date picker), Employee ID (text input), Employee Name (text input), Job ID (text input), Job Role (text input), Basic Salary (text input), OT Rate (text input), Hours (text input), Amount (text input), Over Time (text input), and Total Salary (text input). Below the form are four buttons: Insert, Update, Delete (highlighted with a red arrow), and Clear. To the right is a grid view of salary data with columns: SalaryID, Date, Emp ID, EMP No., Job ID, Job Role, Basic S., OT Total, OT Hrs, OT Total, and Sal Total.

**Salary Management**

This screenshot shows the 'Salary Management' page with a salary entry for Employee ID 4. A confirmation dialog box is open, asking 'Are you sure to delete?' with 'Yes' and 'No' buttons. In the background, the salary details are visible: Salary ID 41, Date Oct 26, 2019, Employee ID 4, Employee Name Yuvan, Job ID 19, Job Role Accountant, Basic Salary 45000.0, OT Rate 1200.0, Hours 1200.0, Amount 1200.0, and Total Salary 46290.0. To the right is a grid of salary data.

### 3.6.5 Report

User can generate employee and job details reports.

The screenshot shows the 'Employee Management' section of the Hotel Kabalana system. At the top right, the date is 06-10-2019 and the time is 11:18:24 PM. A 'Log Out' button is also present. The main area is titled 'View Report Details'. It contains two sections: 'Employee Details' and 'Job Details'.  
**Employee Details:** Shows a table with 2 employees:

Employee ID	Name	Nic No.	Date of Birth	Marital Status	Address	Gender	Contact No.	Comments
1	Manithi	97192	Jul 10,	Single	Kollupitiya	Female	077446...	Suspended
2	Kaush..	97563	Oct 19,	Married	Horma...	Female	01121...	Suspended

  
**Job Details:** Shows a table with 4 job roles:

Job ID	Job Role	Basic Salary	Overtime
1	Manager	60,000	1,200
2	Supervisor	45,000	950
3	Cleaner	30,000	750
4	Chef	78,000	1,300

### 3.7 Inventory System

The screenshot shows the 'Inventory System' section of the Hotel Kabalana system. At the top right, the date is 06-10-2019 and the time is 09:45:16 PM. A 'Log out' button is also present. The main area contains three forms: 'GRN', 'Month End Count', and 'Add / Remove Items'.  
**GRN:** Form fields include Item Code, Item Name, and Quantity. Buttons for View, Update, and Delete are available. A table lists Item Code, Item Name, and Quantity.  
**Month End Count:** Form fields include Item Code, Item Name, and Quantity. Buttons for View, Update, and Delete are available. A table lists Item Code, Item Name, and Quantity.  
**Add / Remove Items:** Form fields include Item Code and Item Name. Buttons for View, Update, and Delete are available. A table lists Item Code and Item Name.

### **3.7.1 House keeping department**

User can enter the values into daily usage and wastage and break edges and click the button ‘Add’ to enter the details into database while from ‘Update’ and ‘Delete’ buttons can update and delete the details.



### **3.7.2 Food and Beverage department**

User can enter the values into daily usage and wastage and break edges and click the button ‘Add’ to enter the details into database while from ‘Update’ and ‘Delete’ buttons can update and delete the details.

The screenshot shows the Hotel Kabalana Food & Beverage Department interface. At the top right, the date and time are displayed as 06-10-2019 09:46:57 PM, and there is a Log Out button. On the left, a sidebar labeled "Food & Beverage Department" is visible. The main area contains two modules: "Daily Usage" and "Wastage & Break Edges". Each module has input fields for Item Code, Item Name, and Quantity, along with View, Update, and Delete buttons. Below these are data grids and an Add button.

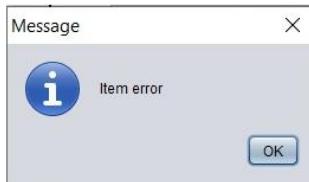
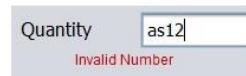
### 3.7.2 Front office department

User can enter the values into daily usage and wastage and break edges and click the button ‘Add’ to enter the details into database while from ‘Update’ and ‘Delete’ buttons can update and delete the details.

The screenshot shows the Hotel Kabalana Front Office Department interface. At the top right, the date and time are displayed as 06-10-2019 09:48:22 PM, and there is a Log Out button. On the left, a sidebar labeled "Front Office Department" is visible. The main area contains two modules: "Daily Usage" and "Wastage & Break Edges". Each module has input fields for Item Code, Item Name, and Quantity, along with View, Update, and Delete buttons. Below these are data grids and an Add button.

### 3.7.2 Kitchen department

User can enter the values into daily usage and wastage and break edges and click the button ‘Add’ to enter the details into database while from ‘Update’ and ‘Delete’ buttons can update and delete the details.



### 3.7.2 Report

The screenshot shows the 'Inventory System' application for 'Hotel Kabalana'. The header includes the hotel's logo, name, address ('Matara Rd, Ahangama 80650'), and a timestamp ('06-10-2019 09:46:14 PM'). A 'Log out' button is also present. The left sidebar has a dark purple background with the title 'Inventory System' and navigation links for 'Home' and 'Report'. The main content area contains several sections: a large table showing inventory details like Itemcode, Name, Qty, Gmt, Dailyusage, Wastage, Monthendcount, and Variance; a 'Report' section with a 'Month' dropdown and a 'Generate' button; a 'Low Level Items' section displaying a small table with items 1, 2, 3, and 6; and a 'Place the Order' section with input fields for Item Code, Item Name, and Quantity, along with buttons for View, Update, Delete, and Place.

## 3.8 Event Management System

### 3.8.1 Event booking

User can select the hall from the hall table. Then the hall price will be automatically loaded for hall price field. User must enter No Of Plates, Price per Plate and Amount and click 'Event Booking' button.

#### 1). *Search Guest details*

Enter the guest ID and click the 'Search by GuestID' button. Then user can view their personal details in the table.

## **2). Add new Guest details**

User can't enter values into guestID field because Guest ID is auto generate. User must enter the NIC/Passport, First Name, Last Name, Guest Email, Contact Number, Guest country and click 'Add' button to insert to the database. Then screen will display a 'Successfully Inserted' message.

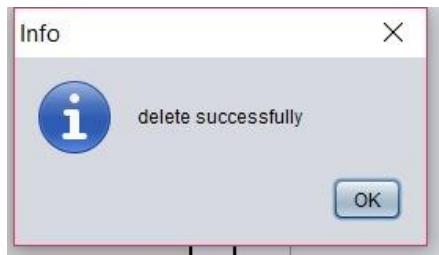
## **3). Update Guest details**

Select the particular guest from the table. Then details will display on the text fields. User can edit the product details except GuestID. Then click 'Update' button to update details. Then screen will display a 'Successfully Updated' message.



## **4). Delete Guest details**

Select the particular guest from the table. Then details will display on the text fields. Then click 'Delete' button to delete details. Then screen will display a 'Successfully Deleted' message.



The main screen of the Hotel Kabalana Event Management System. At the top right, it shows the date "06-10-2019" and time "10:05:47 PM". On the far right, there is a "Log Out" button. The top center features the hotel's logo (a golden Egyptian-style head) and the name "Hotel Kabalana" in large white letters, with the address "Matara Rd, Ahangama 80650" below it. To the left, a sidebar titled "Event Management" lists four menu items: "Availability", "Event Booking", "Payment", and "Reports", each with a small icon.

GuestID	Nicpass...	Fname	Lname	Email	Contact...	Country

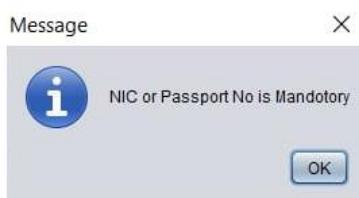
**Personal Details**

Guest ID :   
 NIC or Passport No :   
 First Name :   
 Last Name :   
 Guest Email :   
 Contact Number :   
 Guest Country :

Add Update Delete Reset

**Hall Details**

Check In Date :    
 Check Out Date :    
 Hall Price :   
 No Of Plates :   
 Price per Plate :   
 Amount :



### 3.8.2 Availability

Select checkin date and checkout date. Click 'Availability' button. Then user can view the available halls in the hotel.

The screenshot shows the 'Event Management' application interface for 'Hotel Kabalana'. The top header includes the hotel logo, name ('Hotel Kabalana'), address ('Matara Rd, Ahangama 80650'), date ('06-10-2019'), time ('10:04:35 PM'), and a 'Log Out' button. On the left, a sidebar menu lists 'Event Management' with sub-options: 'Availability' (selected), 'Event Booking', 'Payment', and 'Reports'. The main content area has input fields for 'Check In Date' and 'Check Out Date', and a 'Availability' button. Below these are two panels: one showing a table of hall details (Hallid, Hallno, Halltype, Hallprice) and another for 'Hall Details' with fields for Hall Price, No Of Plates, Price Per Plate, and Amount, each with an associated input field. At the bottom is an 'Event Booking' button.

### 3.8.3 Payment

#### 1). Add Payment details

User can't enter values into BookingID field because Booking ID is auto generate. User must enter Discount and Total Price, Other details will be automatically loaded to the text fields. Then click 'Add' button and screen will display a 'Successfully Inserted' message.

## 2). Update Payment details

User can edit the Discount and Total price. Then click 'Update' button to update details. Then screen will display a 'Successfully Updated' message.

The screenshot shows the 'Payment Details' form within the 'Event Management' application. The form includes fields for Booking ID, Amount, Guest ID, Discount, Hall Price, Total Price, Price Per Plate, Check In Date, No Of Plates, and Check Out Date. There are 'Add' and 'Update' buttons at the bottom. The header displays the hotel logo, name, address, date (06-10-2019, 10:06:20 PM), and a 'Log Out' button.

Booking ID :	<input type="text"/>	Amount :	<input type="text"/>
Guest ID :	<input type="text"/>	Discount :	<input type="text"/>
Hall Price :	<input type="text"/>	Total Price :	<input type="text"/>
Price Per Plate :	<input type="text"/>	Check In Date :	<input type="text"/> <input type="button" value="..."/>
No Of Plates :	<input type="text"/>	Check Out Date :	<input type="text"/> <input type="button" value="..."/>

Add      Update

### 3.8.4 Report

The screenshot shows the 'Reports' section of the application. It features a table with columns: GuestId, Hall Collection, Amount, Discount, NoOfPlates, PricePerPlate, TotalPrice, Checkout, Checkin, and BookingId. Below the table is a 'Generate Report' button. The header includes the hotel logo, name, address, date (06-10-2019, 10:09:42 PM), and a 'Log Out' button.

GuestId	Hall Collection	Amount	Discount	NoOfPlates	PricePerPlate	TotalPrice	Checkout	Checkin	BookingId

Generate Report

**THANK YOU**

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