Algorithm of Hotel Management System:

1. Login for Boss & Staff
2. Boss account can control staff and customer account
3. Staff account can control customer account
4. Hotel should have The Floor and Room on each floor
5. And the hotel should have a restaurant
6. In the restaurant should have food and drink
7. Food has 3 times breakfast launch and dinner
8. At each time should have 10 difference types of food
9. For drink should have coffee soft drink and alcohol
10. Alcohol has beer and cocktail
11. The right of boss has added, delete staff, customer, and check available room on each floor
12. The right of staff has added, delete customer check available room on each floor and checkout
13. The right of customer can chat to staff for help and book room
14. This is the Processing in the hotel next talk about the restaurant that serve in the hotel
15. In the restaurant for foods, we have breakfast lunch and dinner need 10 difference type of food
16. For room we have to check in, check out VIP, standard, 1,2 beds

Flowchart of Hotel Management System

1

F

T

Is true

Input us, pass

F

T

Input us, pass

Is Admin

Start

F

T

Is true

1. Adding Staff(Adm)
2. Check Staff Info(Adm)
3. Check Customer Info(Adm & Stf)
4. Check Available Room & Room Info(Adm & Stf)
5. Check In & Check Out(Adm & Stf)
6. Check Menu Food & Drink in Restaurant(Adm & Stf)

\*Note: Adm for Admin Stf for Staff

3

4

Add Customer:

id name age gender dob address contact room\_No day\_of\_stay

Customer Info:

id name age gender dob address contact room\_No day\_of\_stay

Available Room & Room Info:

Room Number

Room Status

Room Bed

Floor

Check Menu Food & Drink in Restaurant:

What kind of food & drink should have

Check In & Check Out:

Customer checked in or out the room

3

2

Check In & Check Out:

Customer checked in or out the room

Check Menu Food & Drink in Restaurant:

What kind of food & drink should have

Available Room & Room Info:

Room Number

Room Status

Room Bed

Floor

Staff Info:

id name age gender dob address start\_to\_work salary position

Customer Info:

id name age gender dob address contact room\_No day\_of\_stay

Add Staff:

id name age gender dob address start\_to\_work salary position

1

4

Print Customer Info

F

T

Shutdown Program?

Stop

Print Menu Food & Drink in Restaurant

Print Available room and room info

Print checked in/out room

Print Staff Info

Print Customer Info

Input Account Staff

2

T

F

Print checked in/out room

Print Menu Food & Drink in Restaurant

Stop

Shutdown Program?

Print Available room and room info