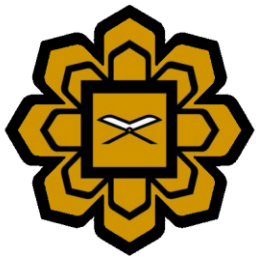
YEAR
2018



الجامعة الإسلامية العالمية ماليزيا
INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA
يونيورسيتي إسلام انتارا بغسا ملسيا

CSC -1100 : ELEMENTS OF PROGRAMMING

LECTURER : DR. SURIANI BT. SULAIMAN

SECTION : 01

SUBMISSION DATE : 14-12-18

PROJECT : PHARMACY MANAGEMENT SYSTEM

[REPORT SUBMITTED BY]

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Introduction :

In this project we create a system which can make easier to both user and admin. User can make order, delete order, print the receipt and for admin he can also do the same task but he can do some. If user want to login then he must put valid user name and password. On the other hand if user login as customer then no need to use password , so in a word our system contain two section :

For manager section we have 5 task:

1. Can make order
2. Modify order
3. Delete order
4. Print receipt
5. Can see the daily summary

For customer section we have 3 task:

1. Can make order
2. Delete order
3. Print receipt

But both can change the user mood. Suppose if you login as customer then manager can login by go back but the customer data will not delete and at the same time manager can see daily summary which was ordered by both manager and customer.

In take order option :

1. There user need an unique receipt number so that after ordering the medicine he/she can see the receipt by using receipt number
2. User must put the name of customer who need the medicine

3. And then add the customer phone number
4. Then put the ordered date
5. After finishing this task the system will ask “How many type of medicine customer want to order.
6. Then user can choose the medicine from given table of medicine and add how many medicine they want
7. After completing this all task system will go to the main menu
8. And then user can print their receipt.

In modify option :

1. Frist you have to login as Manager
2. Then input the receipt number which one user want to modify
3. By using this user can modify everything such as name, contact number, date, order etc
4. Then record will modified.
5. One thing need to be mention that if user put wrong receipt number then the system will show the invalid message

In Delete option :

1. System ask the receipt number.
2. If , no record is stored then it will shows the message like “Nothing is select from empty entity.
3. If user put wrong input then it shows “ invalid input”.

In print option

1. User must have the receipt number
2. Then the system will show the receipt with all information
3. And also the total amount which need to pay
4. After complete the payment it will the main menu automatically.

In back to user mood option:

1. User can change the user mood

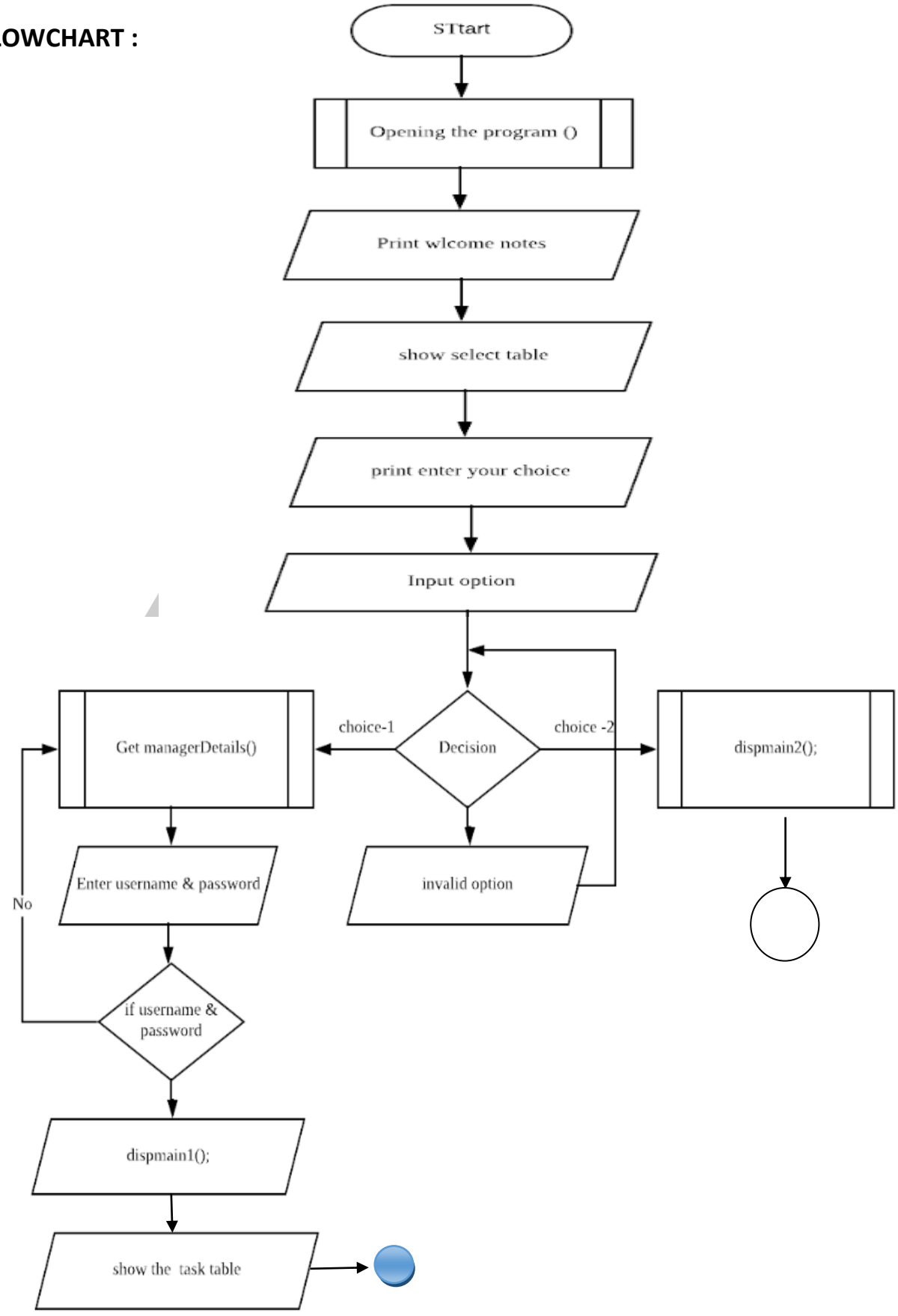
In Daily summary option:

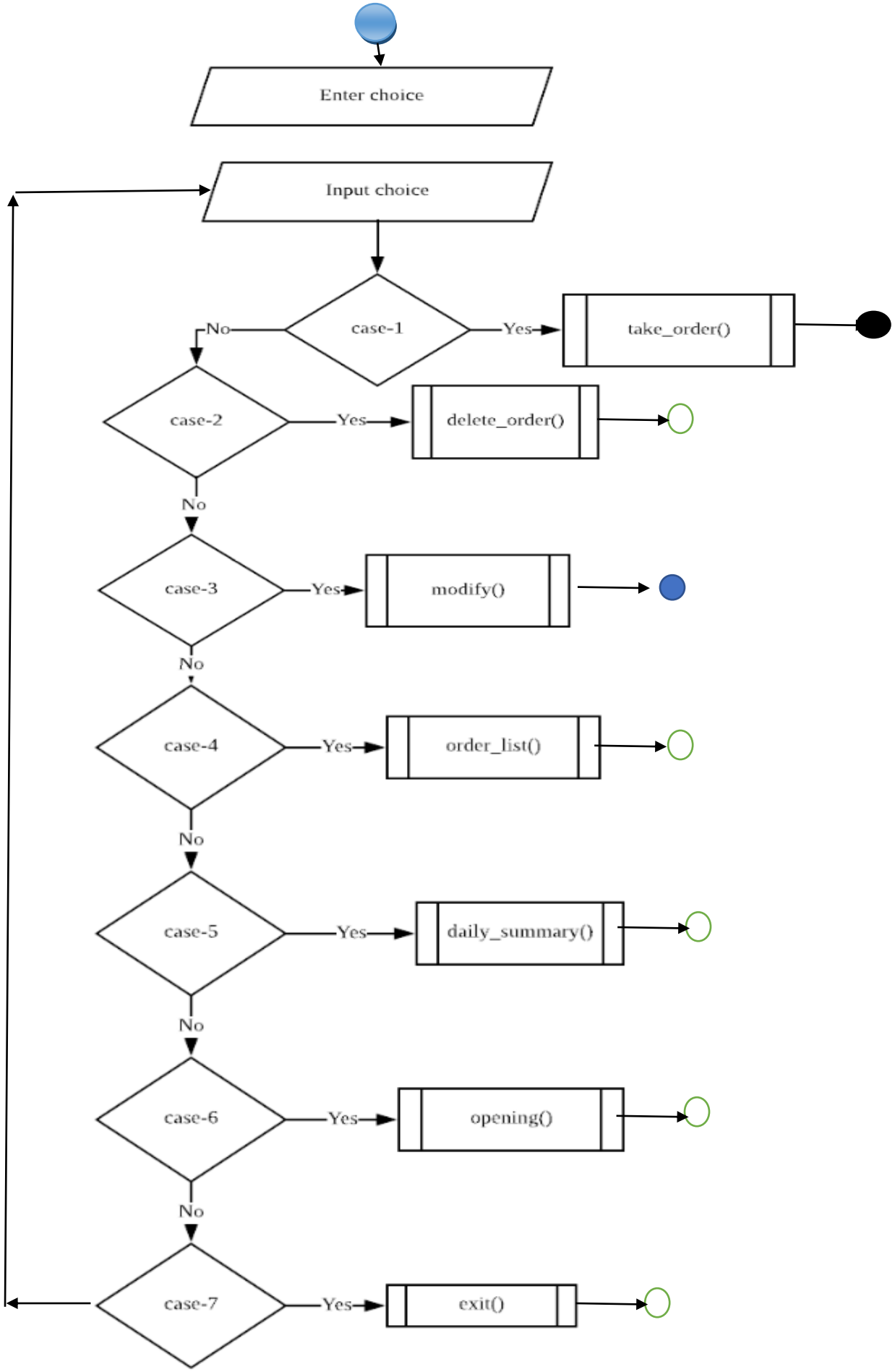
1. User need to login as manager
2. Then the system will show the daily summary.

Exit option :

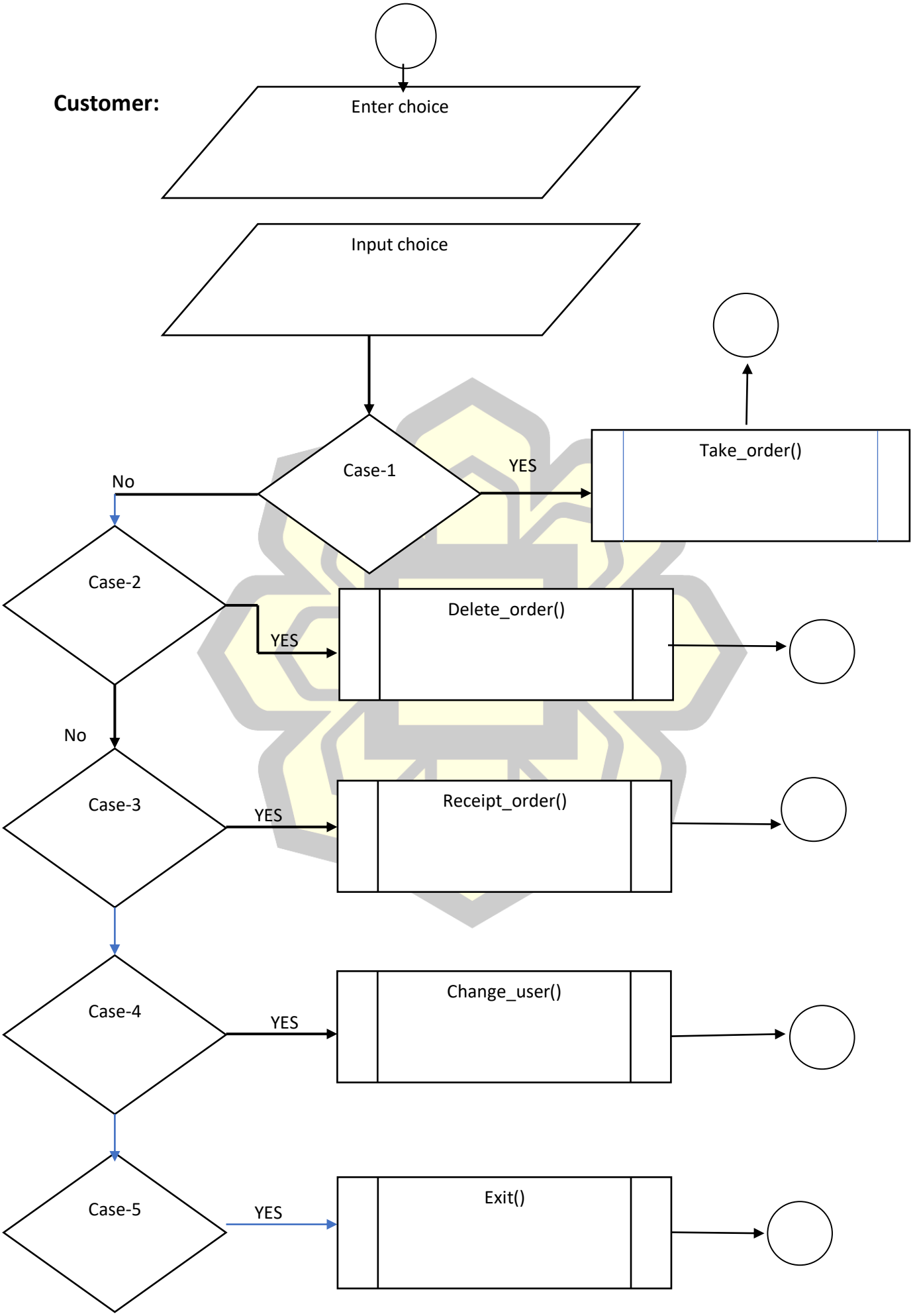
1. User can chose to close the programme by using exit option.
2. Then here programme show the “Thank you message”.

FOLOWCHART :

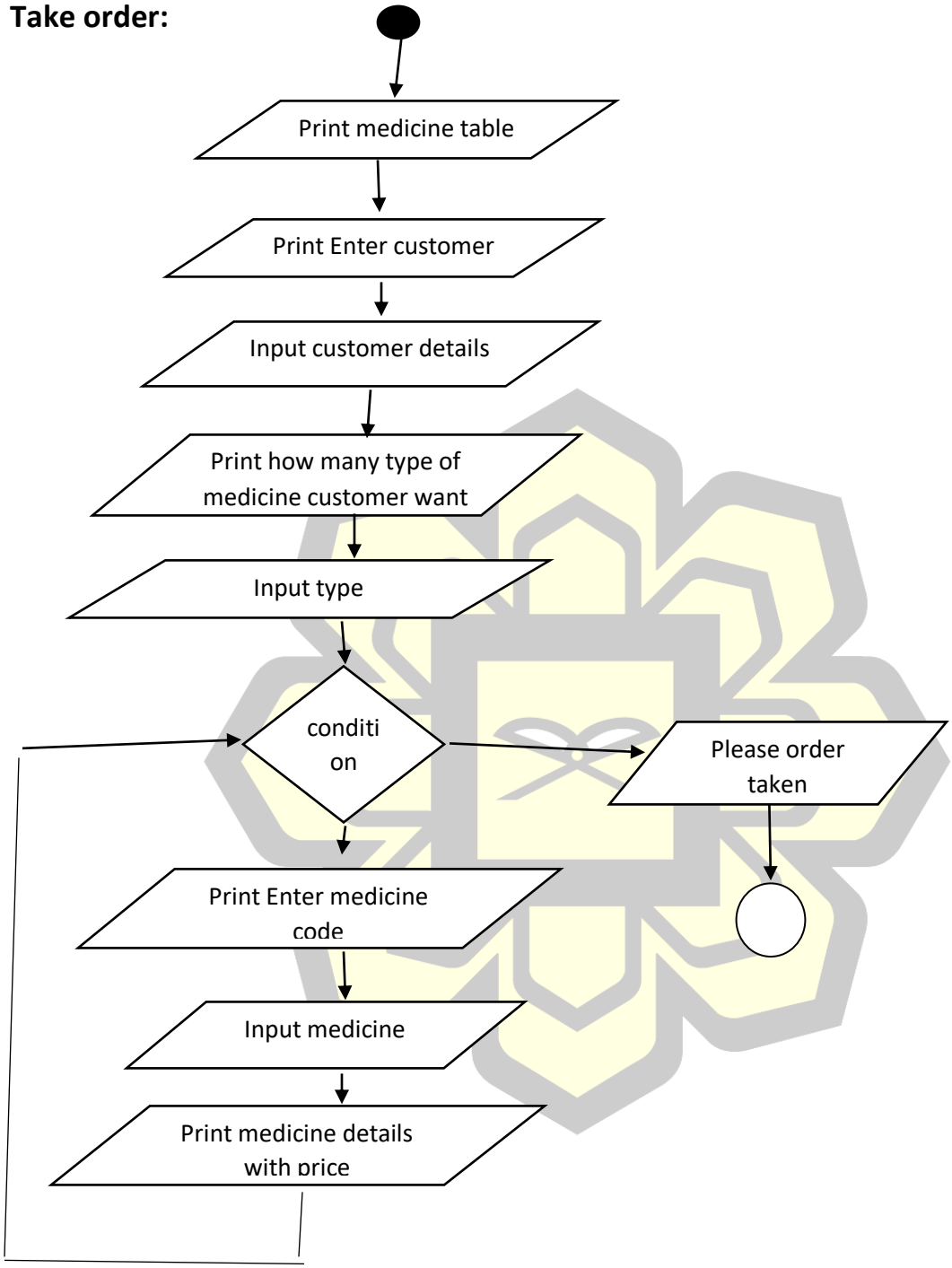

STtart
Opening the program ()
Print wlcome notes
show select table
print enter your choice
Input option
Get managerDetails()
choice-1
Decision
choice -2
dispmain2();
Enter username & password
invalid option
No
if username & password
dispmain1();
show the task table


Enter choice
Input choice
case-1
No
Yes
take_order()
case-2
Yes
delete_order()
No
case-3
Yes
modify()
No
case-4
Yes
order_list()
No
case-5
Yes
daily_summary()
No
case-6
Yes
opening()
No
case-7
Yes
exit()

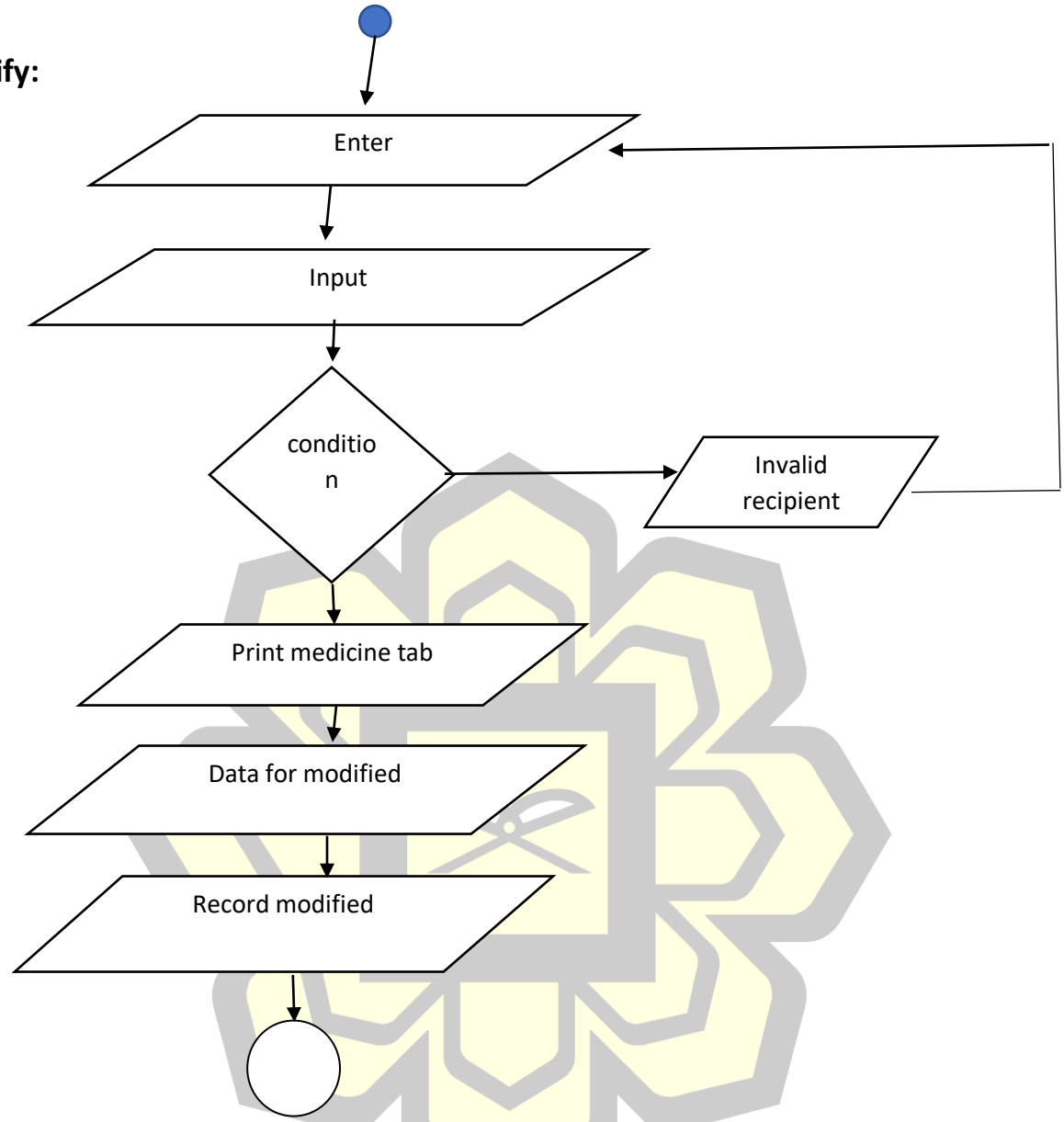
Customer:


Enter choice
Input choice
Case-1
YES
No
Take_order()
Case-2
YES
Delete_order()
No
Case-3
YES
Receipt_order()
Case-4
YES
Change_user()
Case-5
YES
Exit()

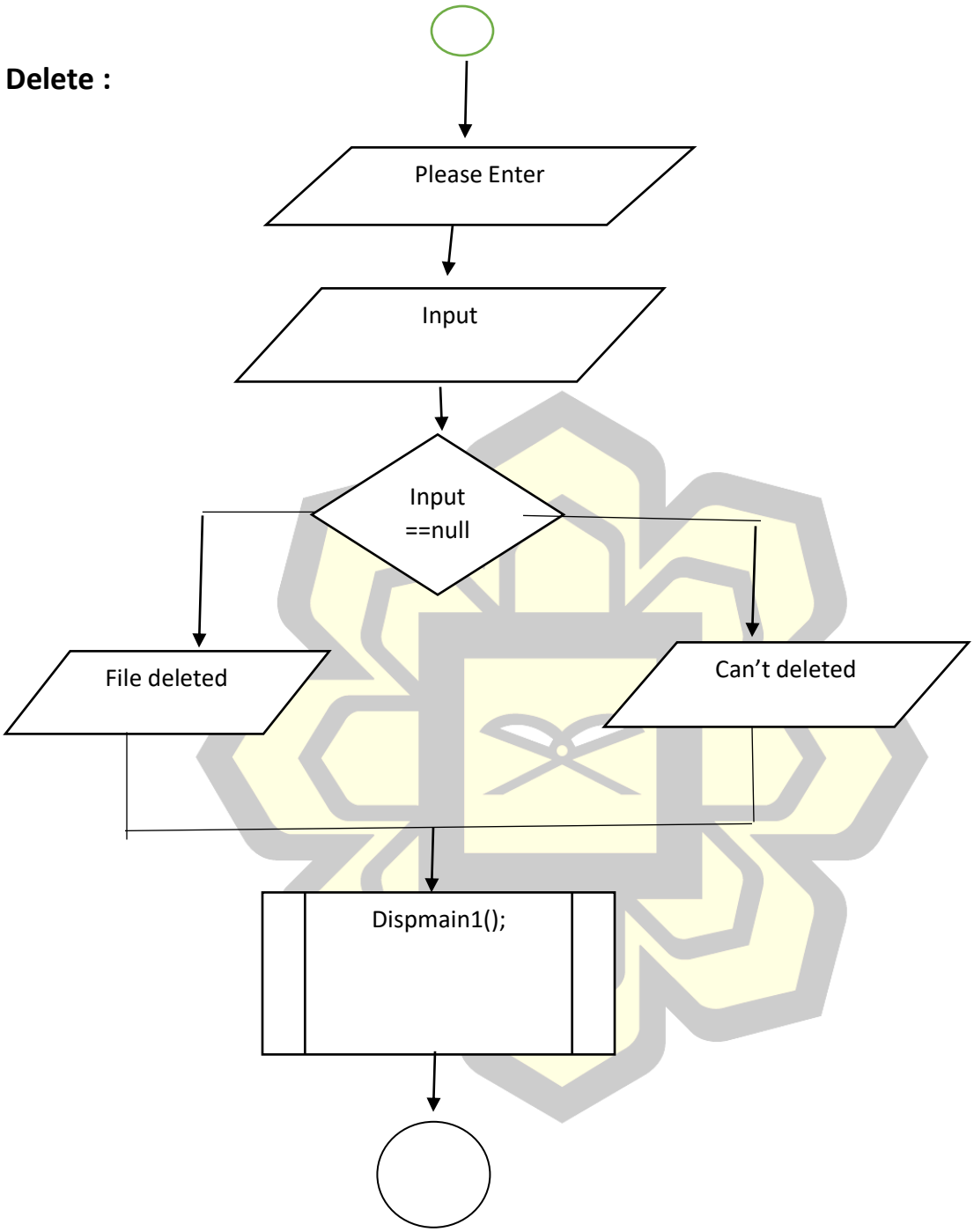
Take order:


Print medicine table
Print Enter customer
Input customer details
Print how many type of medicine customer want
Input type
conditi on
Please order taken
Print Enter medicine code
Input medicine
Print medicine details with price

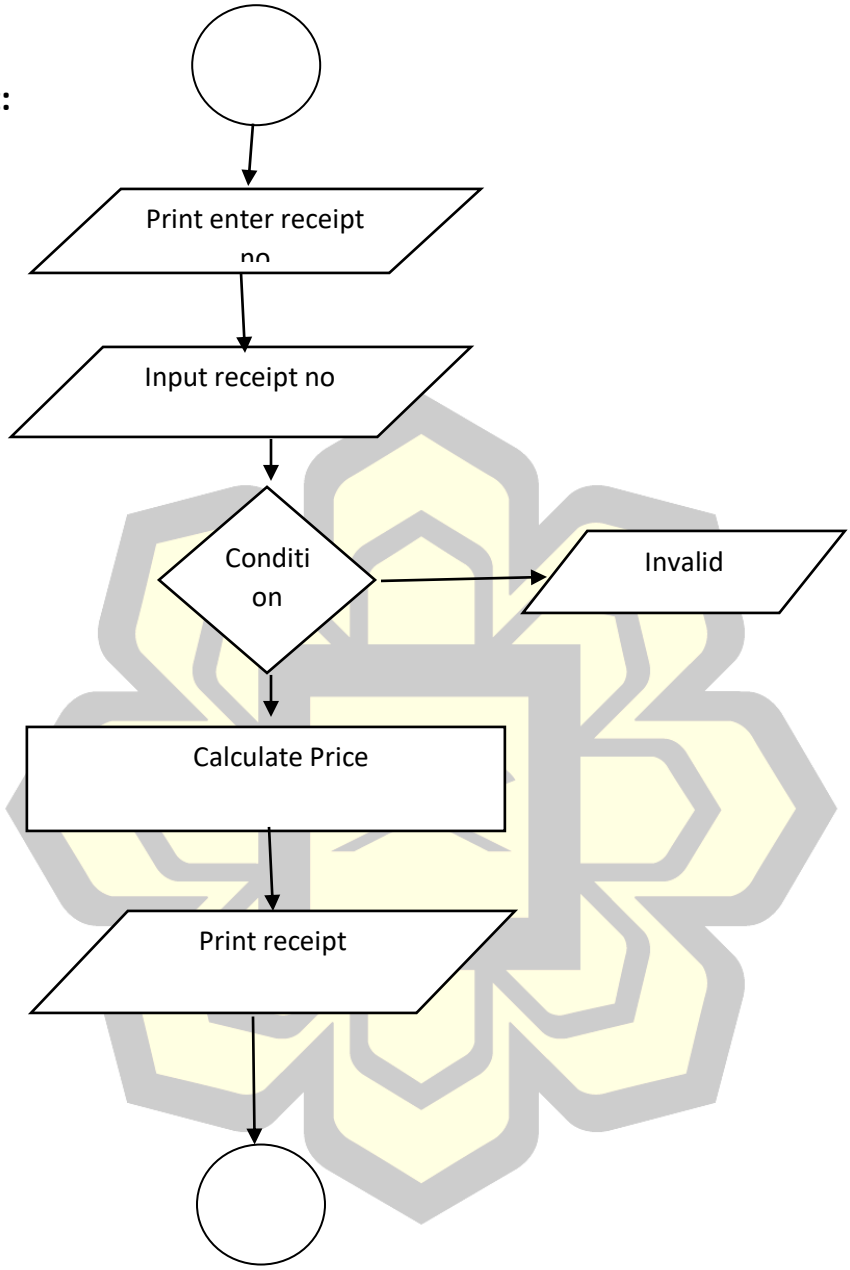
Modify:

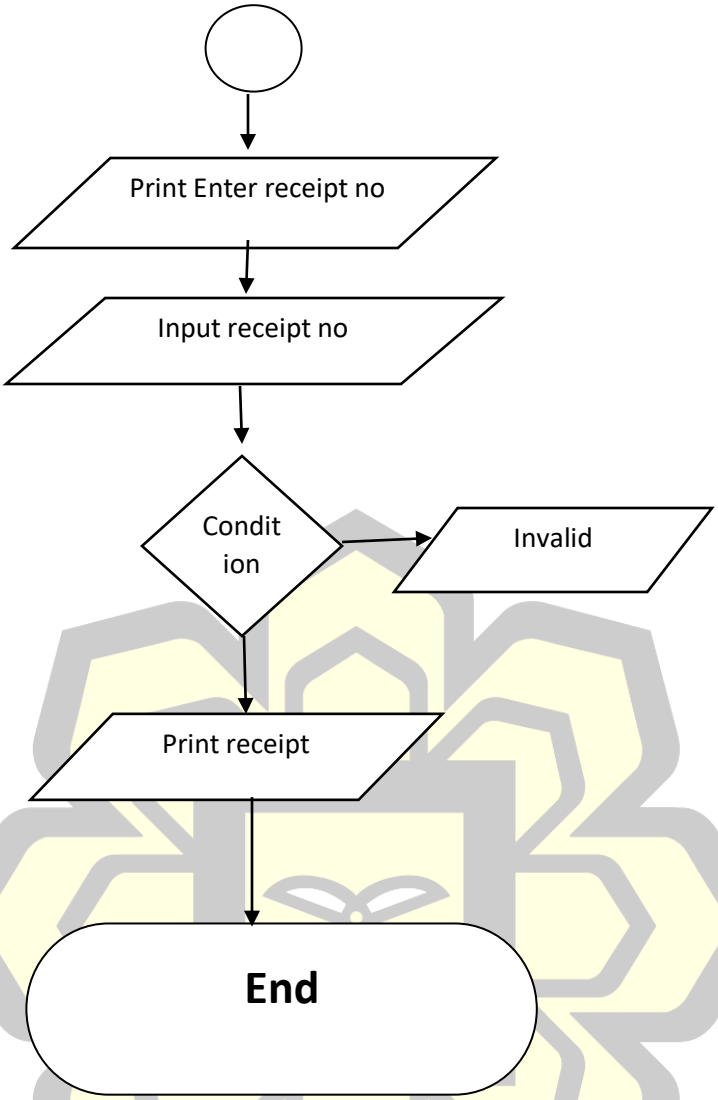

Enter
Input
conditio
n
Invalid
recipient
Print medicine tab
Data for modified
Record modified

Delete :


Please Enter
Input
Input
==null
File deleted
Can’t deleted
Dispmain1();

Receipt:


Print enter receipt no
Input receipt no
Conditi on
Invalid
Calculate Price
Print receipt


Print Enter receipt no
Input receipt no
Condit
ion
Invalid
Print receipt
End

Manger Section (Functions Called):

- ✓ void GetManagerDetails();
- ✓ void CheckPasswordLength(string,string);
- ✓ void CheckUsernameAndPassword(string,string);
- ✓ extern void dispmain1();

IN Functions:

- ✓ void take_order();
- ✓ void delete_order();
- ✓ void modify();
- ✓ void order_list();
- ✓ void daily_summary();
- ✓ void exit();
- ✓ extern void opening() ;

LIBRARY FUNCTION

```
#include<iostream>
#include<conio.h>
#include<stdlib.h>
#include<string>
#include<cctype>
```

```
#include<cmath>
#include<cstdio>
#include<fstream>
#include<iomanip>
#include <windows.h>
```

Algorithm (Use of functions):

1. Start
2. Chose the user mode
3. Select options
4. Case:1

   Take order()

   Case:2 delate order

   Case:3 modify order

   Case:4 print receipt

   Case:5 delete order

   Case:6 change user mode

   Case:7 exit

5. If

   Case:1

Take order()

{

- ✓ Enter receipt id
- ✓ Enter customer name
- ✓ Customer phone number
- ✓ Date
- ✓ Order }

if

Case:2 delate order

- ✓ Enter receipt id
- ✓ Delete order

if

Case:3 modify order

- ✓ Enter receipt id
- ✓ Modify the details

if

Case:4 print receipt

- ✓ Enter receipt id
- ✓ Print receipt

if

Case:5 delete order

- ✓ Enter receipt id
- ✓ Delete order

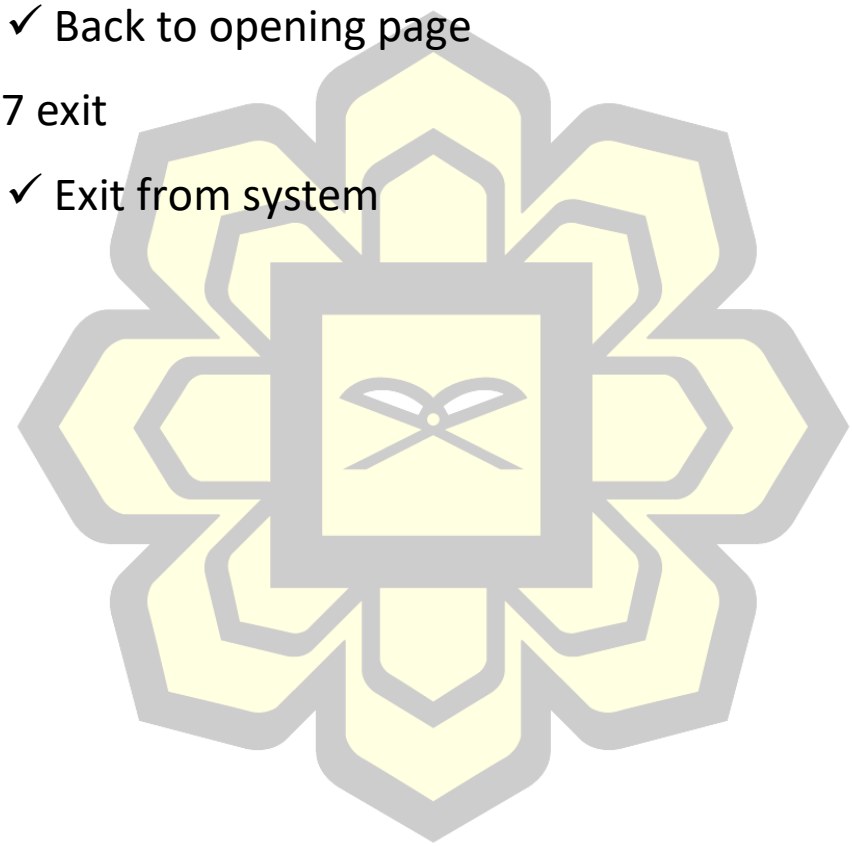
if

Case:6 change user mode

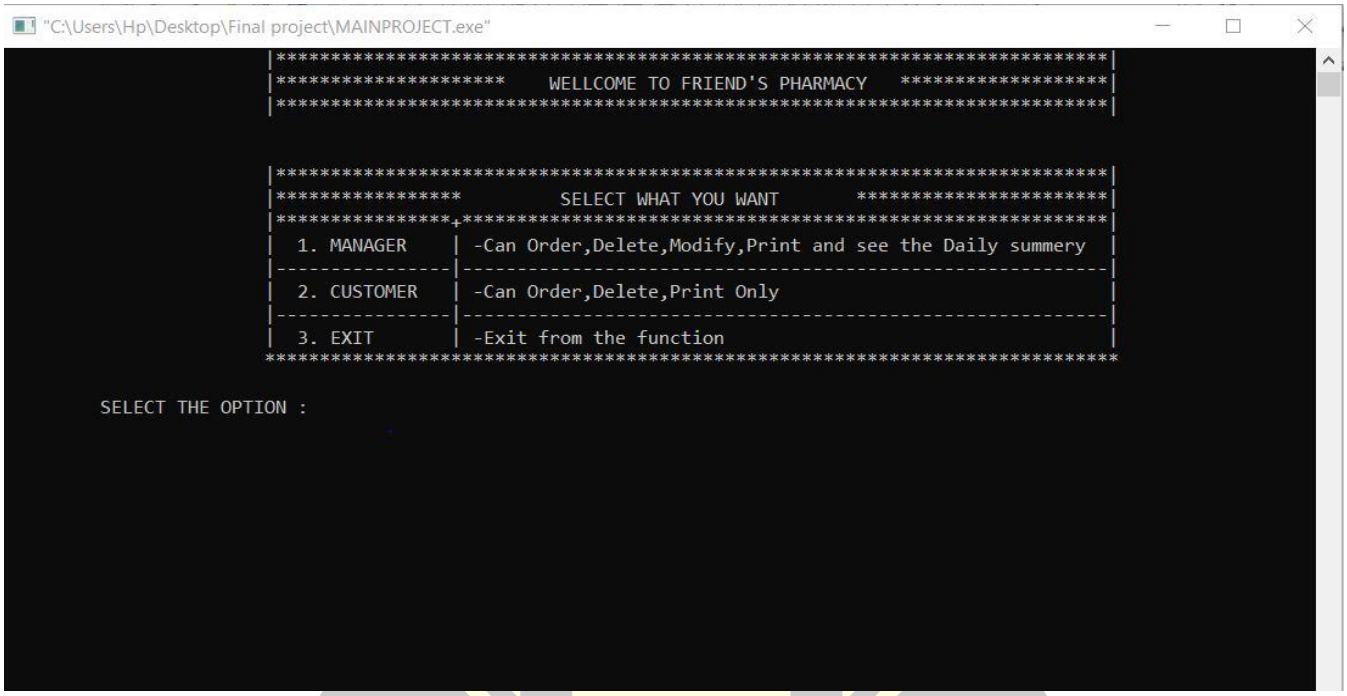
- ✓ Back to opening page

Case:7 exit

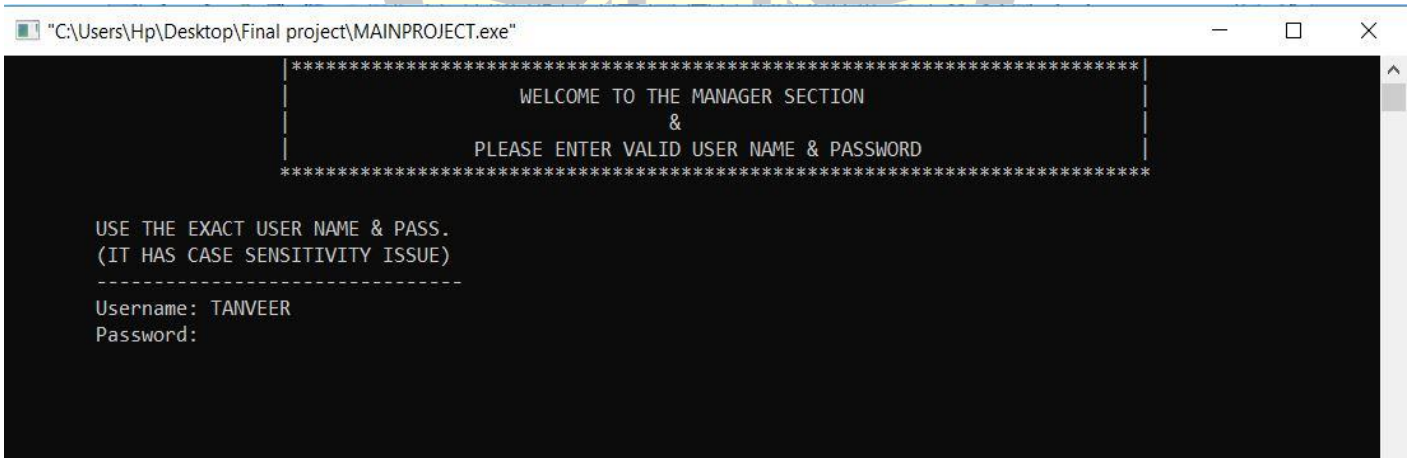
- ✓ Exit from system



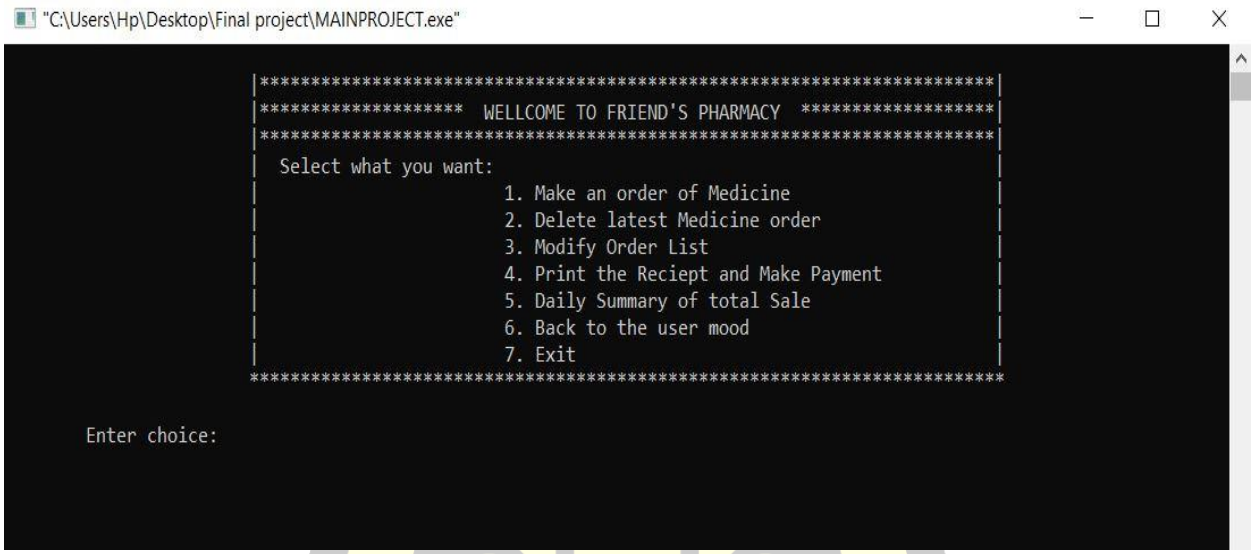
THIS IS THE WELCOMING PAGE:



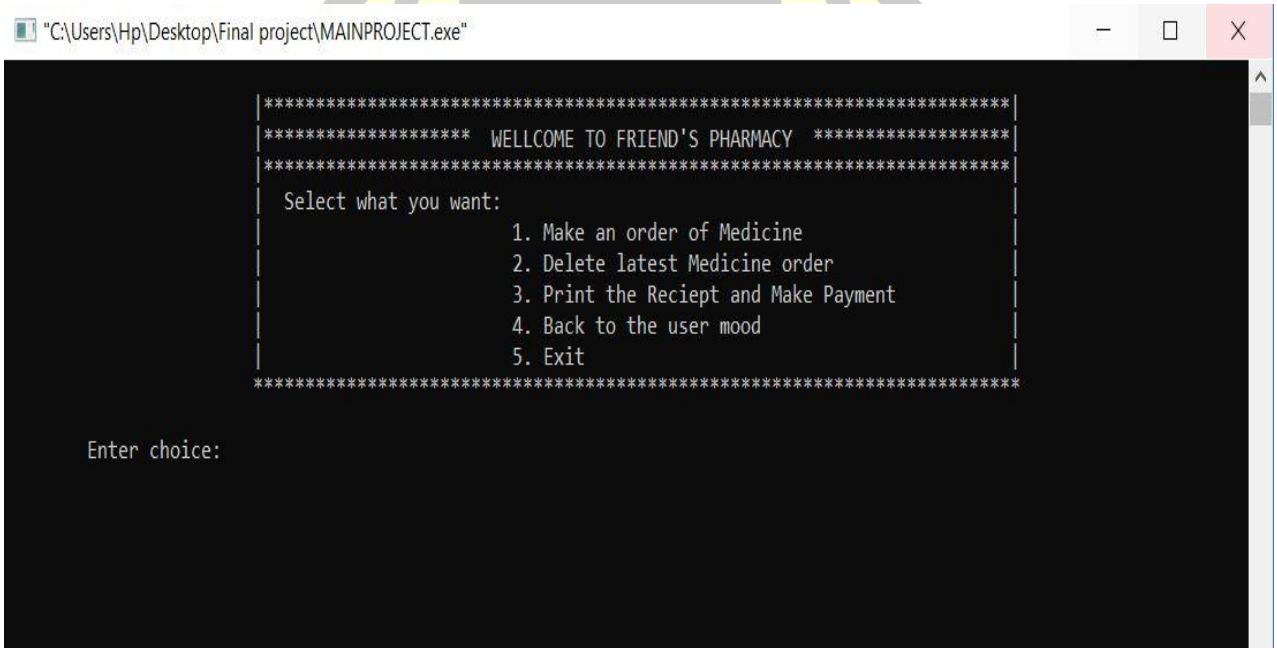
THIS IS THE MANAGER LOGIN PAGE:



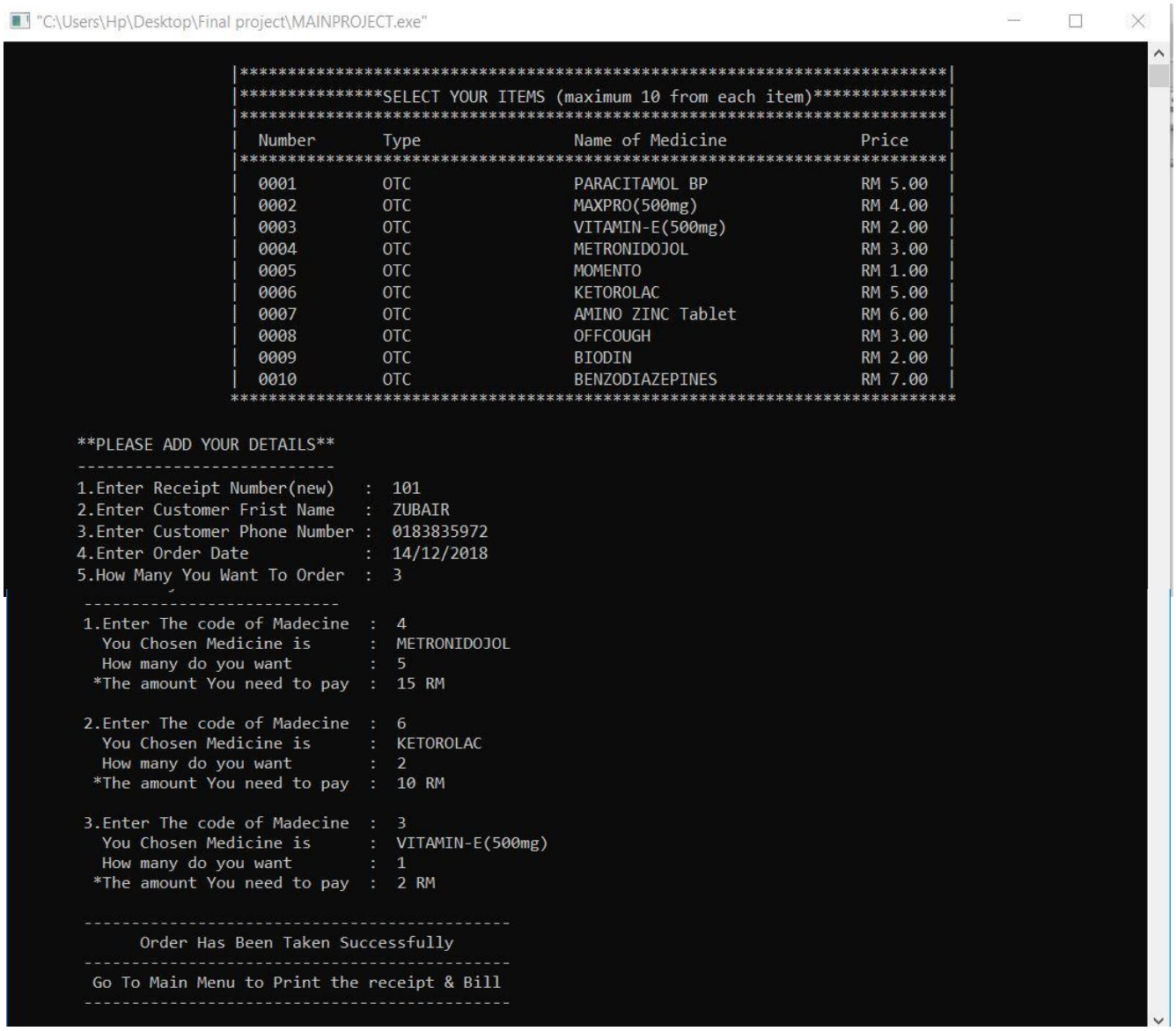
MANAGER VEIW PAGE



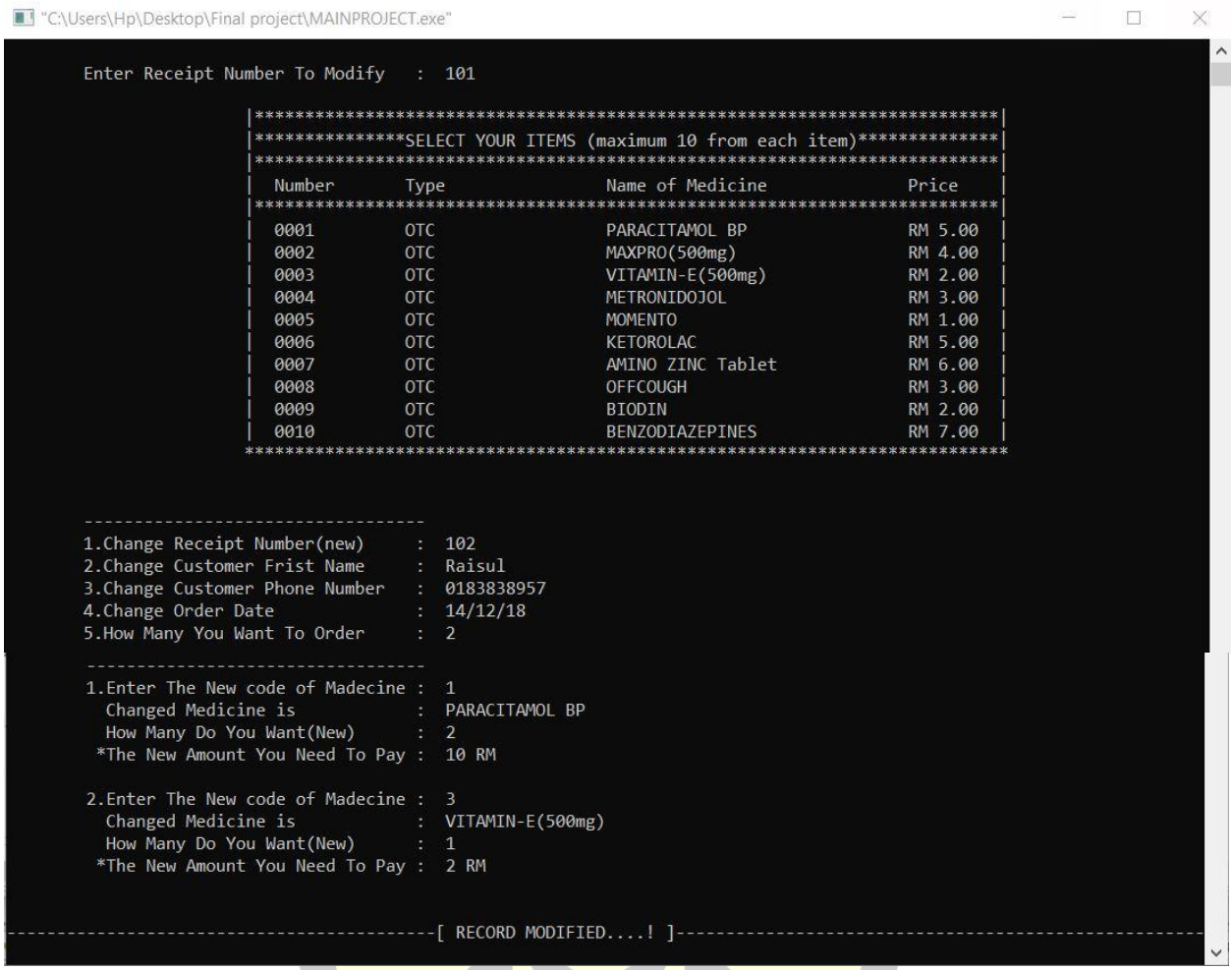
CUSTOMER VIEW PAGE



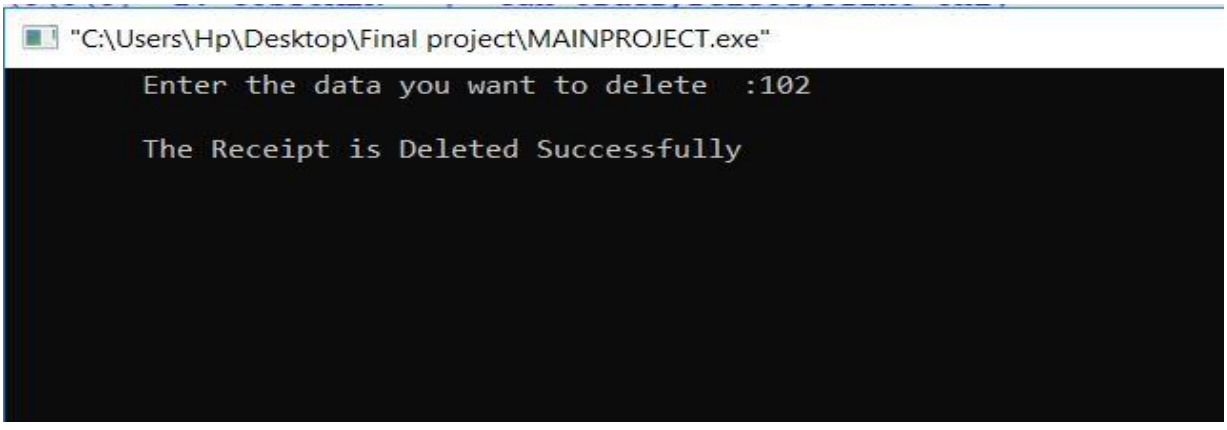
TAKE ORDER PAGE VIEW:



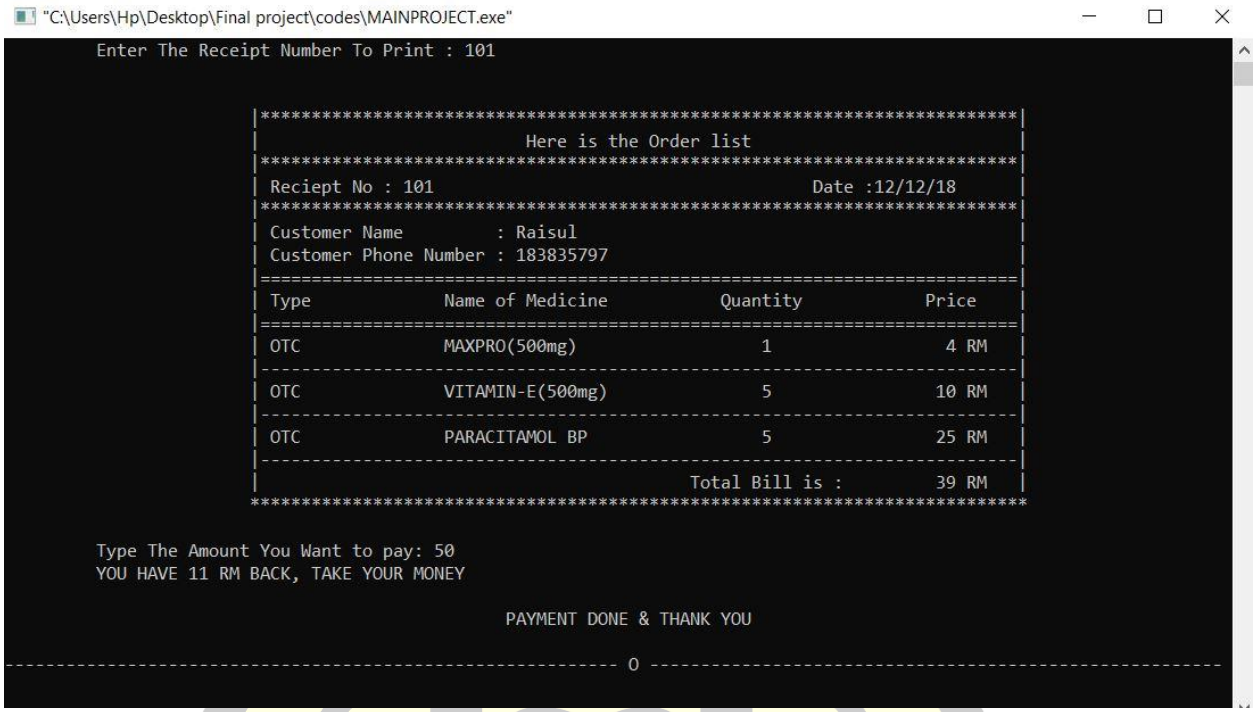
THIS IS MODIFY PAGE VIEW:



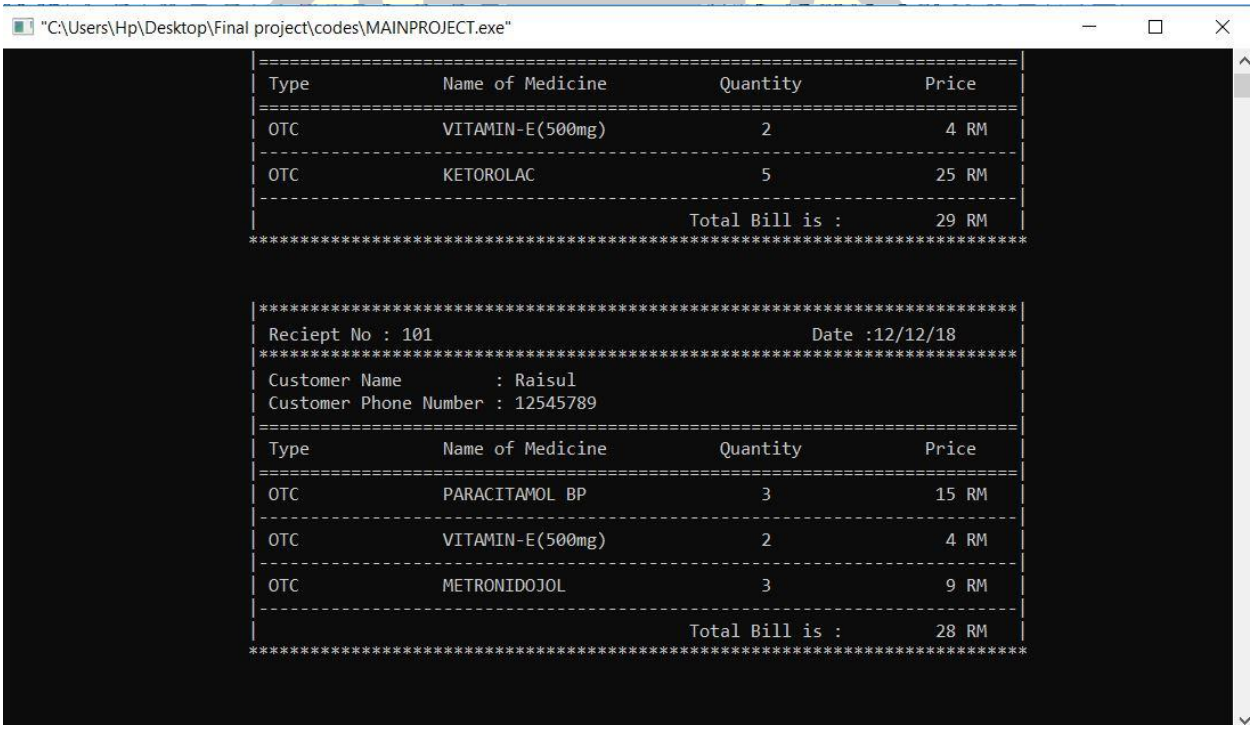
DELETE PAGE :



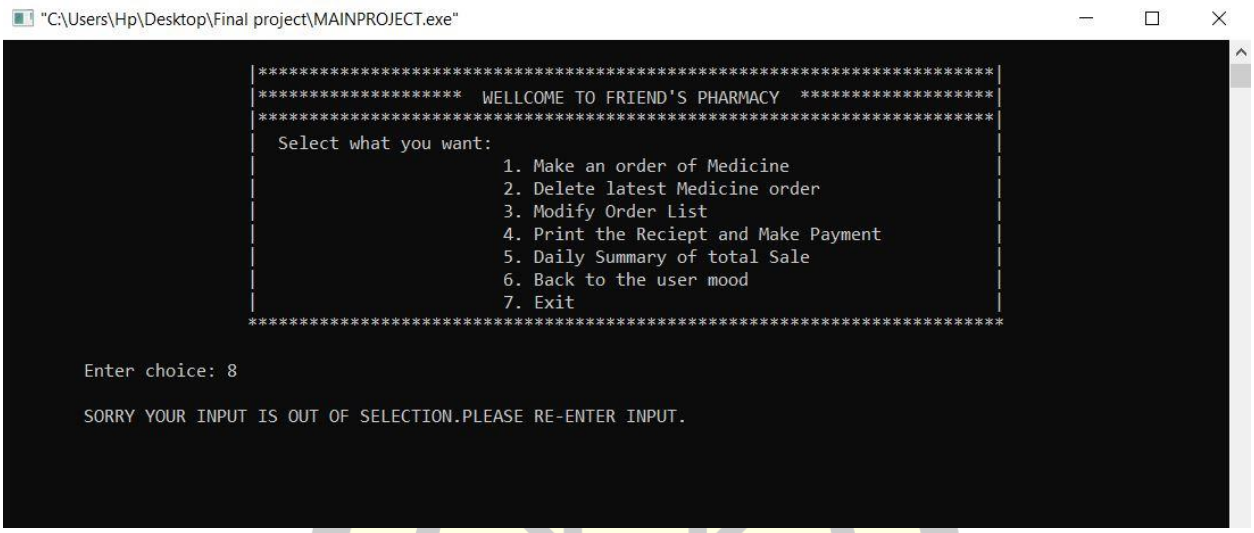
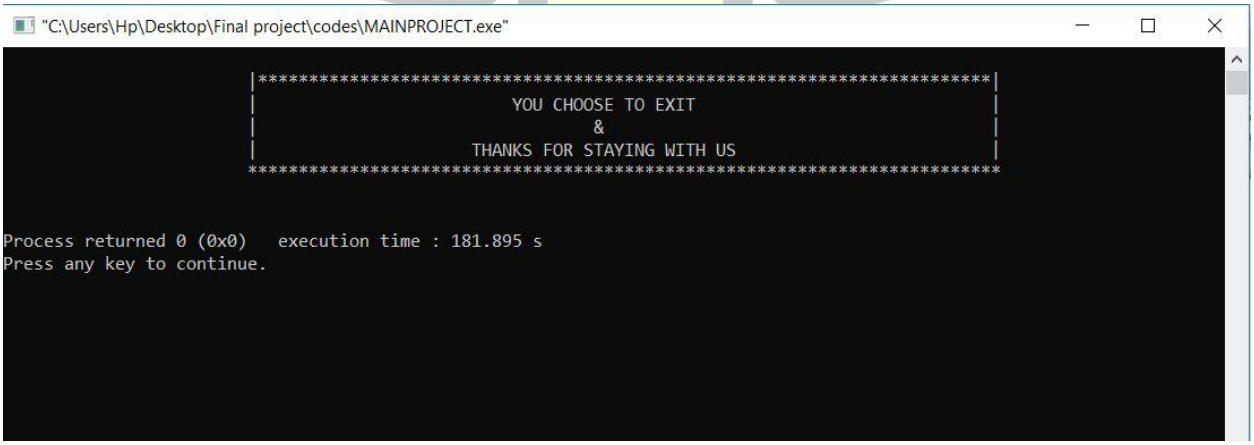
PRINT RECEIPT PAGE



DAILY SUMMARIES VIEW:



INVALID INPUT VIEW:



EXIT VIEW: