RESTAURANT POS SYSTEM

Application Feature

1. **USER ACCOUNT**
2. User can Register account

* Enter username
* Enter password

1. User can login account (Example):

* Username: Admin
* Password: Admin

1. User can change account password:

* Current Password
* New Password
* Confirm Password

1. **FOOD ORDE MANAGEMENT**
2. User can add order

* Order Name
* Quantity
* Staff Name
* ID
* Phone Number
* Address
* Table Numbers

1. User can view all order
2. User can search order by

* By ID
* By Phone Number

1. User can update order by

* By ID
* By Phone Number

1. User can delete order by

* By ID
* By Phone Number

1. User can sort order by total amount (Minimum to Maximum)
2. User can save order (by press one key)
3. User can load order (by press one key)
4. Exit Program

Application Design

1. **USER ACCOUNT**

===== WELCOME TO THE PIZZA RESTRAURANT =====

1.Register

2.LOGIN

3.CHANGE PASSWORD

0.EXIT

Please choose one option:

1. **Register**

* Enter username
* Enter password

The message pop up “Register successfully!!!”. Back to system account.

1. **Login**

User can login account by default:

* Username: Admin
* Password: Admin

If user fill in the information correctly. The message pop up “Successfully!!!”. Press any key go to MAIN\_MENU

If user enter Password and Username incorrectly. The message pop up “Sorry,

Please try again!!!” and go to Login again.

1. **Change Password**

User can change account password:

* Current Password
* New Password
* Confirm Password

If user fill Current Password and Password account different. The message pop up “Current password incorrect!!!” and go back to Change Password again.

If user fill New Password and Confirm Password not match. The message pop up

“Password not match” and go back to Change Password again.

If user fill all password correctly. The message pop up “Password Updated!!!” and go to Login.

1. **FOOD ORDER MANAGEMENT**

===========MAIN MENU===========

1.Order

2.View order

3.Update order

4.Search order

5.Deleter order

6.Sort order

7.Save order to a file

8.Load order from a file

0.Exit

Please choose one option (1-8):

If user choose different option beside 1 to 8. The pop-up message show “Invalid” and back to

MAIN MENU.

1. Order

=======SUB ORDER MENU=======

1.Order

2.View order

3.Update order

4.Search order

5.Delete order

0.Back to MAIN MENU

Please choose one option (1-5):

If user choose different option beside 1 to 5. The pop-up message show “Invalid” and back to

SUB ORDER MENU.

* 1. Order

=====FOOD MENU=====

1.Pizza

2.Drinks

3.Back to MAIN MENU

0.Back to SUB ORDER MENU

Please choose one option (1-3):

If user choose different option beside 1 to 3. The pop-up message show “Invalid” and back to FOOD MENU.

1.1.1 Pizza

=========TOPPING MENU=========

1.Chicken

2.Seafood

3.Sausage

4.Back to SUB ORDER MENU

0.Back to FOOD MENU

Please choose one option (1-4):

If user choose different option beside 1 to 4. The pop-up message show

“Invalid” and back to TOPPING MENU.

1.1.1.1 Chicken

===========SIZE MENU===========

1.Large

2.Medium

3.Small

4.Back to FOOD MENU

0.Back to TOPPING MENU

Please choose one option (1-4):

If user choose different option beside 1 to 4. The pop-up message show

“Invalid” and back to SIZE MENU.

1.1.1.1.1. Large

Enter Qty

* + - * 1. Medium

Enter Qty

1.1.1.1.3. Small

Enter Qty

1.1.1.2. Seafood

………………….

1.1.1.3. Sausage

………………….

1.1.2. Drinks

==========DRINKS MENU==========

1.Sting

2.Coca Cola

3.Sprite

4.Drinking Water

5.Back to SUB ORDER MENU

0.Back to FOOD MENU

Please choose one option (1-5):

If user choose different option beside 1 to 5. The pop-up message show

“Invalid” and back to DRINKS MENU

1.1.2.1. Sting

Enter Qty

1.1.2.2. Coca Cola

Enter Qty

1.1.2.3. Sprite

Enter Qty

1.1.2.4. Drinking Water

Enter Qty

* 1. View order

The pizza resturant: #107, Phoum 4 ANZ Road

Sangkat Boeung Kakti 2,

Khan Toul Kork Phnom Penh, 120408

Call & Pick up: 088 50 60 697

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No. Description Qty

01 L-Chicken 9 \* pcs

02 Coca\_Cola 7 \* pcs

03 M-Seafood 6 \* pcs

1.3 Search order

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found show data below:

. No

. Description (Item)

. Qty

1.5. Delete order

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found, ask user “Are you sure to delete(y/n)?”

If (y): pop up message show “Deleted successfully!!!”.

If (n): back to SUB ORDER MENU.

* 1. Update

=========UPDATE MENU=========

1.Update name

2.Update qty

3.Update name and qty

0.Back

Please choose one option (1-3):

If user choose different option beside 1 to 3. back to UPDATE MENU

1.4.1. Update name (food name)

show data below:

. No

. Description (Item)

. Qty

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found go to FOOD MENU.

Choice favorite food or drink to update. Pop up message show “Update

successfully”.

1.4.2. Update qty

show data below:

. No

. Description (Item)

. Qty

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found:

. Enter Qty and Pop-up message show “Update successfully”.

1.4.3. Update name and qty

show data below:

. No

. Description (Item)

. Qty

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found:

. Enter Qty

. Go to FOOD MENU

Choice favorite food or drink to update. Pop up message show

“Update successfully”.

1. BACK TO MAIN MENU

========SALE TYPE MENU========

1.Dine In

2.Take Away

3.Delivery

Please choose one option (1-3):

If user choose different option beside 1 to 3. and back to SALE TYPE MENU.

* + 1. Dine In

. Input Staff Name

. Input ID

. Input Table

* + 1. Take Away

. Input Staff Name

. Input ID

. Input Phone Number

* + 1. Delivery

. Input Staff Name

. Input ID

. Input Phone Number

. Input Address

Pop up the message “Add successfully”

2.View

The pizza resturant: #107, Phoum 4 ANZ Road

Sangkat Boeung Kakti 2,

Khan Toul Kork Phnom Penh, 120408

Call & Pick up : 088 50 60 697

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Reception

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Slip: 000000000C920000000

Staff: Mister Sokkhean

Date: 17/5/23 19:47

ID: 100021

Table: 5

Sales Type: DINE IN

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\*\* PRINT BILL \*\*

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No. Description Amount

01 L-Chicken

4 pcs \* 19.99 79.96 $

02 M-Chicken

7 pcs \* 13.99 97.93 $

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Total USD 177.89 $

Total KHR 729349.00 R

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VAT% Net.Amt VAT Amount

$ 10 160.10 17.79 177.89

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Thank you, See you again soon!

3.Update

==========UPDATE MENU==========

1.BY ID

2.By Phone Number

0.Back

Please choose one option (1-2):

If user choose different option beside 1 to 2. back to UPDATE MENU.

3.1. By ID

. Please input id:

If not found back to MAIN MENU.

If found go to SUB UPDATE MENU

=========UPDATE MENU=========

1.Update name

2.Update qty

3.Update name and qty

0.Back

Please choose one option (1-3):

If user choose different option beside 1 to 3. back to UPDATE MENU

3.1.1. Update name (food name)

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found go to FOOD MENU.

Choice favorite food or drink to update. Pop up message show “Update

successfully”.

3.1.2. Update qty

. Please input neutron (No):

If not found back to MAIN MENU.

If found:

. Enter Qty and Pop-up message show “Update successfully”.

3.1.3. Update name and qty

. Please input neutron (No):

If not found back to MAIN MENU.

If found:

. Enter Qty

. Go to FOOD MENU

Choice favorite food or drink to update. Pop up message show

“Update successfully”.

3.2. By Phone Number

. Please input phone number:

If not found back to MAIN MENU.

If found go to SUB UPDATE MENU

=========UPDATE MENU=========

1.Update name

2.Update qty

3.Update name and qty

0.Back

Please choose one option (1-3):

If user choose different option beside 1 to 3. back to UPDATE MENU

3.1.1. Update name (food name)

. Please input neutron (No):

If not found back to SUB ORDER MENU.

If found go to FOOD MENU.

Choice favorite food or drink to update. Pop up message show

“Update successfully”.

3.1.2. Update qty

. Please input neutron (No):

If not found back to MAIN MENU.

If found:

. Enter Qty and Pop-up message show “Update successfully”.

3.1.3. Update name and qty

. Please input neutron (No):

If not found back to MAIN MENU.

If found:

. Enter Qty

. Go to FOOD MENU

Choice favorite food or drink to update. Pop up message show

“Update successfully”.

4.Search

=========SEARCH MENU=========

1.By ID

2.By Phone Number

0.Back

Please choose one option (1-2):

If user choose different option beside 1 to 2. back to SEARCH MENU.

4.1. By ID

. Please input id:

If not found back to MAIN MENU.

If found data show in below:

. Slip

. Staff

. Date

. ID

. Table or Phone Number

. Address

. Sale Type

. No

. Description

. Amount

. Total USD

. Total KH

. VAT

. Net.Amt

. Amount

4.2. By Phone Number

. Please input phone number:

If not found back to MAIN MENU.

If found data show in below:

. Slip

. Staff

. Date

. ID

. Table or Phone Number

. Address

. Sale Type

. No

. Description

. Amount

. Total USD

. Total KH

. VAT

. Net.Amt

. Amount

5.Delete

=========DELETE MENU=======

1.BY ID

2.By Phone Number

0.Back

Please choose one option (1-2):

If user choose different beside 1 and 2. Back to DELETE MENU.

5.1. By ID

. Please input id:

If not found back to MAIN MENU

If found: ask user “Are you sure to delete (y/n)?”

If (y): pop up message show “Deleted successfully”.

If(n): back to MAIN MENU

5.2. By Phone Number

. Please input phone number:

If not found back to MAIN MENU

If found: ask user “Are you sure to delete (y/n)?”

If (y): pop up message show “Deleted successfully”.

If(n): back to MAIN MENU

6.Sort

BY TOTAL\_AMOUNT (Minimum to Maximum)

Pop up message show “Sorted successfully”.

7.Save

. Save all order to file.

Pop up message show “Save to file successfully”

8. Load

. Load all order from file.

Pop up message show “Load file successfully”

0.Exit

Pop up message show “Are you sure to exit (y/n)? “

If (y): Exit program

If (n): Back to MAIN MENU