FEU Institute of Technology
COLLEGE OF ENGINEERING • COLLEGE OF COMPUTER STUDIES

ITAM'S LOST KITCHEN: YOUR FOOD GUIDE AND ORDERING SYSTEM IN FEU TECH CAMPUS

A Project
Presented to the Faculty of the
College of Computer Studies
FEU-Institute of Technology
Manila

In Partial Fulfillment
of the Requirements for the subject
CCS0003 – COMPUTER PROGRAMMING 1

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RUBRICS FOR
COMPUTER PROGRAMMING 1 – FINAL PROJECT

Date:	Schedule:	Section: TW03
Project title: *ITam's Lost Kitchen: Your Food Guide and Ordering System in FEU Tech Campus*		

Name of Students	Individual Rating (Q&A) 50%	Project Rating 50%	Total Rating 100%
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CRITERIA	Highly Implemented	Satisfactory Implemented	Fairly Implemented	Partially Implemented	Not Implemented
Functionality Can software perform the tasks required?	20	17	14	10	5
Accuracy Are the expected operations can be executed correctly?	20	17	14	10	5
Completeness Does the software include the expected objectives of the project?	20	17	14	10	5
Attractiveness Does the interface look good? Is it presentable?	20	17	14	10	5
Documentation Are the required parts of the document present?	20	17	14	10	5
TOTAL					

Note: There will be a deduction of 5 points for every hour or less of late submission.

Evaluated by:

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Course Adviser

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Oral Presentation Panelist

I. INTRODUCTION

Food is considered an essential source that serves as fuel for the body as the FEU Tech campus' canteen has lots of food to serve, and there are food stalls that students and teachers can choose from. Each of these food stalls has a variety of foods and drinks to offer at different prices, whether cheap or expensive. However, there are days that students cannot decide which food or drink they will buy for their breakfast, lunch, "merienda", snacks, or even dinner on that day. There is also a time when everyone needs to save up money for their personal use, but students, teachers, and visitors of the FEU Tech do not know what food will suit their budget. Because of that, researchers came up with a solution for this life scenario.

ITam's Lost Kitchen refers to a food guide and ordering system at the FEU Institute of Technology. The system includes a list of specific food stalls located inside the campus canteen and programmers only choose these food stalls based on their meals, drinks, desserts, and other food which does not change and run out of stock every day so that users can be expected the foods that they will see in the program are always available in a certain food stall. Users will see the varieties of food and drinks available, along with their prices. From there, they can choose what they want to buy and proceed to the total amount of their order. The system will show their receipt together with the amount of their payment and the amount of their change as well. The receipt will serve as an order, which it should be shown to the cashier of that certain food stall that their food order is from and through this way, users can be able to order quickly and easily as possible without thinking longer what food they will take, and they can assure that their total change is accurate.

Researchers made this food guide and ordering system to lessen the hassle of choosing what to eat whenever they are inside the campus. The food guide can be an aid for the students, professors, and visitors of the campus in deciding what foods and drinks they will consume. This system can also help people who need to budget their money at the end of the day because the prices of each food and drink can be seen, so they will not worry if their money is enough, exact, or too much. In addition, users can detect if their change from the cashier is not enough or exact.

ITam's Lost Kitchen also promote the foods, drinks, and other meals that can be seen on these food stalls so that the people will know their food business, and they will now order from them after knowing how cheap and student-friendly their food prices are. Freshmen and visitors of the FEU Tech campus will also be informed where the food stalls located and what are delicious food can be ordered inside of the campus.

II. PROJECT OBJECTIVES

General objective:

To create a C++ program that will be called as ITam's Lost Kitchen which serves as a food guide and ordering system in the FEU Tech campus' canteen.

Specific objectives:

1. To make a better way of ordering system inside of the campus with the order-receipt feature of the program.
2. To produce a food guide by listing food stalls with their available food directories and their prices.
3. To design a basic menu that will enable users to choose program-related actions.
4. To enable users to return back in the previous menu and exit from the current interface after users' actions are taken.
5. To promote FEU Tech's food stalls and their foods with an "About" information feature.
6. To view the FEU Tech campus' 8th floor and the main location of the food stalls.
7. To generate receipts as users' food orders on a specified food stall.
8. To let users choose a variety of meals, beverages, and other foods in different food stalls.

III. SCOPE AND DELIMITATION OF THE STUDY

The scope and delimitation of this program are to have the user a guide to the food that can be found in the FEU Institute of Technology's canteen, and it does not include other Far Easter University campuses, as it will also give directions to the main location where the FEU Tech canteen placed and the simple floor map of 8th floor where the food stalls can be located. ITam's Lost Kitchen only acts as a food guide and ordering system for the users to have ease when choosing what to order inside the university premises. There will be no delivery actions after ordering but they can use their receipt to show their food order, payment method, and the total price in the food stall that they picked as they do not need to think hard about what the available meals and beverages are here in the campus which they can eat. The food stalls that will be featured in this program will be chosen by the programmers which depend their menu is fixed, or these foods are not changing every day so the program does not need any updates on these menus and users can expect that their food is available every time no matter what time they go in the canteen along with this is programmers only choose 10 of their best-seller and budget-friendly food in their food stall. The possible users of this program can be FEU Tech Students, especially freshmen and other FEU students who visit the FEU Tech campus, professors, school staff, and visitors of the campus.

This program will give users a list of food stalls available in the FEU Tech canteen with its food menus and prices and compute the users' food order with a receipt that shows their personal details for

verification, payment, total price, and change for them to show in the food stall. The program started with the interface of choosing which to select; "Find Food in FEU Tech", "About us", and "Exit" without creating and logging in with a user account. All of the options lead to a new and clear console interface so they cannot see the previous interface and their input. Choosing "Find Food in FEU Tech" would proceed with the varieties of food businesses that the canteen would have, the "About Us" would show information about the programmers, and the program's information, and "Exit" would mean closing the program so these processes will use switch statement as it tests the equality of a variable against several values specified in the cases like these options in the first interface.

After picking the "Find Food in FEU Tech" option and viewing the list of the food stalls available in the FEU Tech's canteen, users will directly go into another interface where they can see all the food that they can find on that stall and they can order on it that will lead them into ordering process with program asking for the order of the users such as what item they want to order, how many they like to have as their food and a confirmation if it is their final order before going to the next step. After the ordering process, it has options if what users what to do either "Continue to Receipt" where they can be directed into the Receipt process and here, the program will ask for the users' payment and some of their details and their order are done and it is ready to show in the food stall, "Remove Order" is that users can remove their entire order if they change their mind on what food they will order or users decided not to buy in that food stall, and the "Exit" will terminate the ordering process.

As for the program's delimitation, it only limits the users choosing the payment method whether it is going to be paid with cash or an e-wallet such as Gcash. If the users would pick cash as a payment method, they will have to input the exact amount of money that they will give to the cashier of the stall so the program can compute the total price of their food and their change if possible while in the Gcash, the program will just put the "Gcash" as a label in the payment method on the final receipt so if the users present this receipt, the stall will know that the users will pay them by Gcash. Along with the receipt process, users have to input their names to be verified at the desired stall so the food stall will know whose food it is when the order is ready. Lastly, the program will be printing the users' order and food's total amount with the amount of their cash payment that they will be giving to the stall employee upon ordering. After then, the user will just be presenting the final receipt of the program to the stall, and they can have an easy, efficient, and quick ordering way on the FEU Tech's canteen. In order to do this program successfully, programmers will use the switch and if-ladder, while, and do-while statements as the ITam's Lost Kitchen is considered a menu-driven program, and lastly, this will have to make use of user-defined functions.

IV. CONCEPT OF OPERATION

The main diagram of your system. It includes both the **high-level diagram** and **program flowchart**.

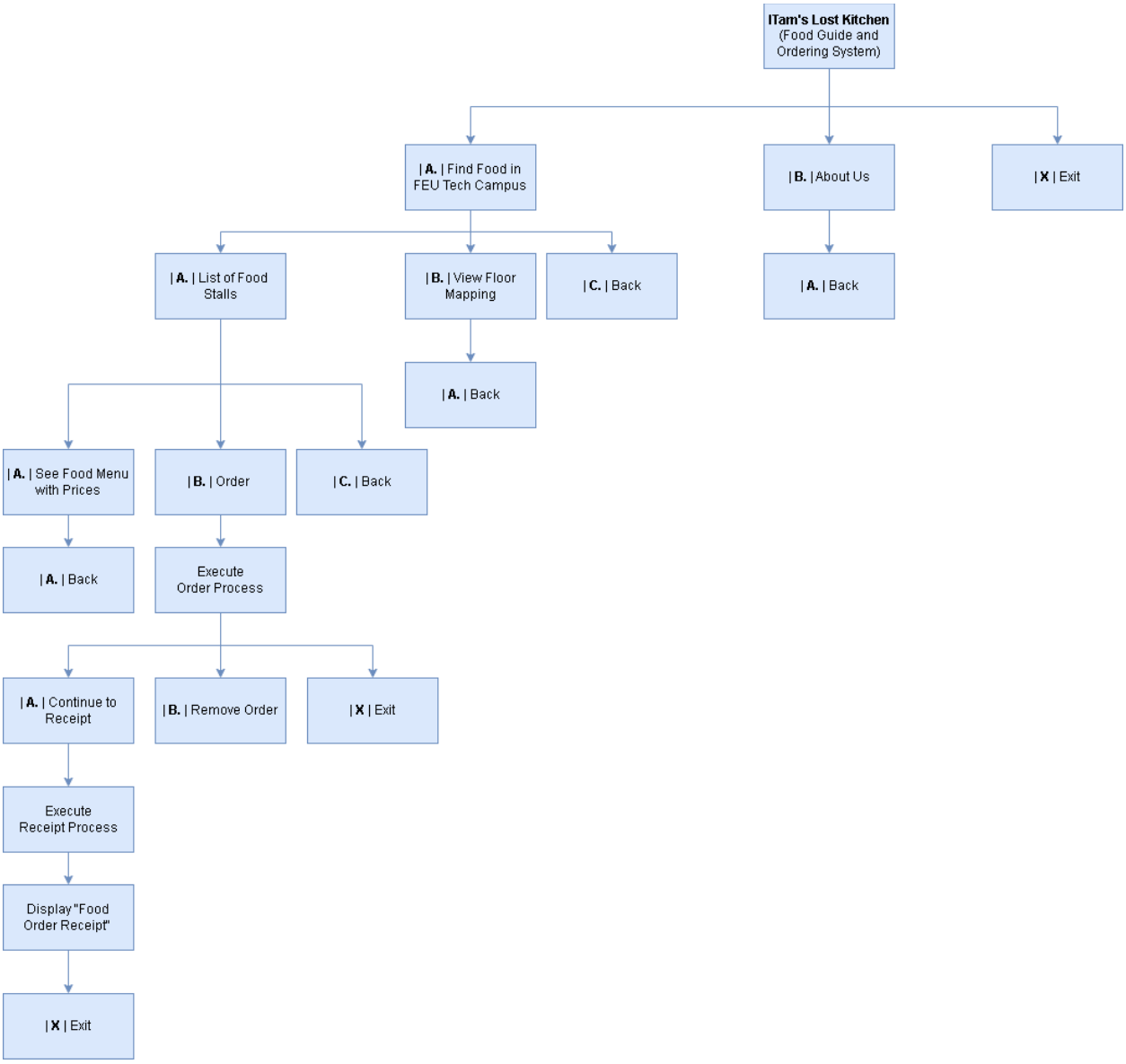

Figure 1 Overview of ITam's Lost Kitchen

Figure 1 shows the complete overview of the system diagram of ITam's Lost Kitchen, and it shows every event that will happen when the users choose specific actions in the program.

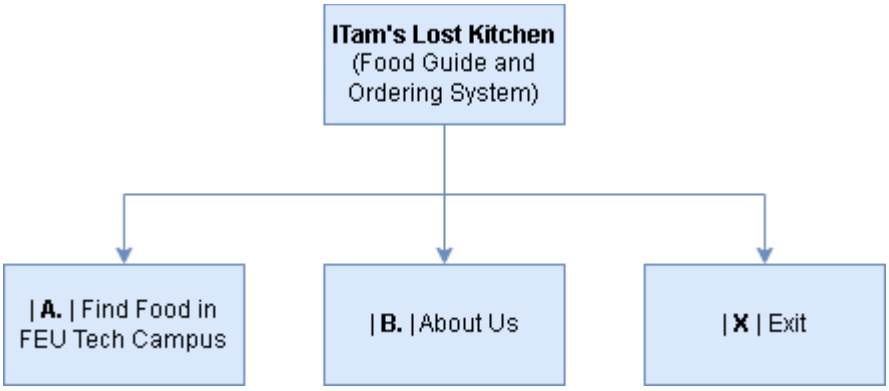

Figure 2 Start Menu

Figure 2 shows the start menu as the first thing the users will see in the program and this has three options which are "Find Food in Feu Tech Campus" where the main purpose of the program starts, "About Us" which will give users information about the programmers and their vision, mission, and objectives of the ITam's Lost Kitchen, and the address of the FEU Institute of Technology and the location of the canteen where the food stalls located and there is "Exit" for users to close the program and completely stop using it.

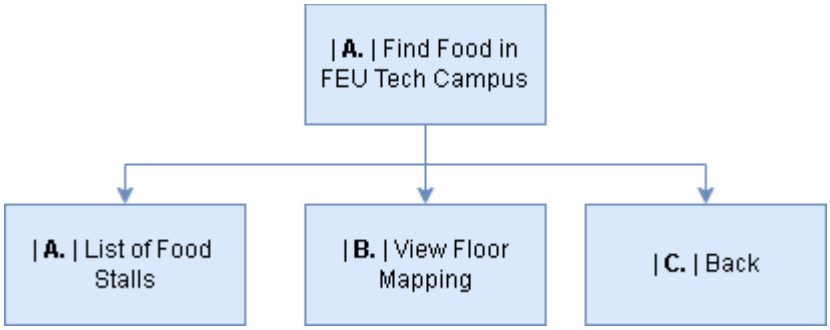

Figure 3 Find Food Menu

Figure 3 shows that when choosing the "Find Food in FEU Tech Campus" option, the users will be directed to these options, and by choosing "List of Food Stalls", they can view the list of food stalls available on the campus, "View Floor Mapping" option will just give users a view to what the canteen looks like and where the food stalls placed within the floor, and users can return from the previous interface by picking "Back" option.

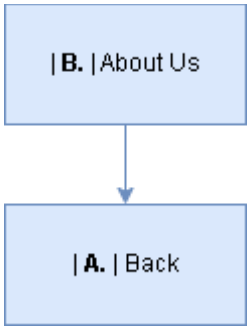

Figure 4 About Us Menu

Next in Figure 4, "About Us" shows details of the program with its objectives and presents the people who are behind in developing this program. This will show the location of the campus and its canteen to inform the users where they must go and users can return from the previous interface by picking "Back".

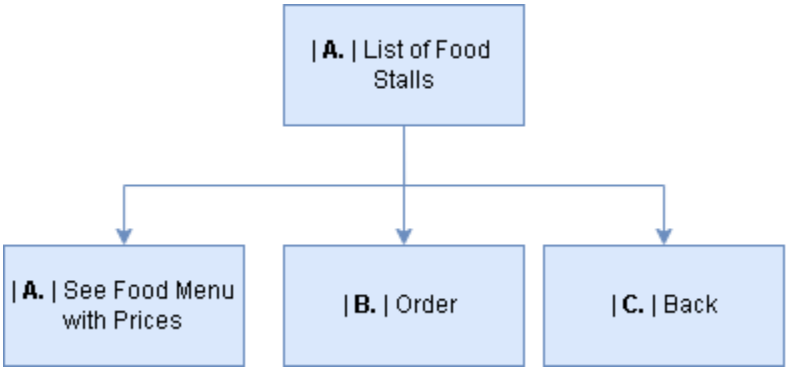

Figure 5 Food Stall Menu

Figure 5 shows after users view the list of food stalls in the program, they can select a specific food stall from that they want to order food and they can see the food menu available on that stall by choosing the "See Food Menu with Prices" option. If users already decided on what food or drinks they will order, they can order now on the "Order" choice and users can return from the previous interface by picking the "Back" option.

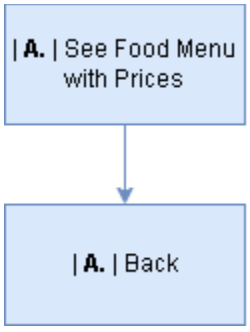

Figure 6 Food Menu

Figure 6 displays the idea that after choosing "See Food Menu with Prices", users can view the food with its prices this is where they can see all the listed available food, and users can return from the previous interface by picking the "Back" option.

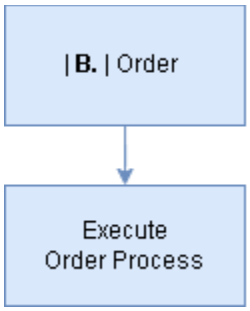

Figure 7 Order Menu

The next figure will proceed to the "Order Option". When the users choose to order now, there will be an "Order Process" and this process will get the food they want with its quantity from the users and there will be a simple confirmation on the order before going to the next process.

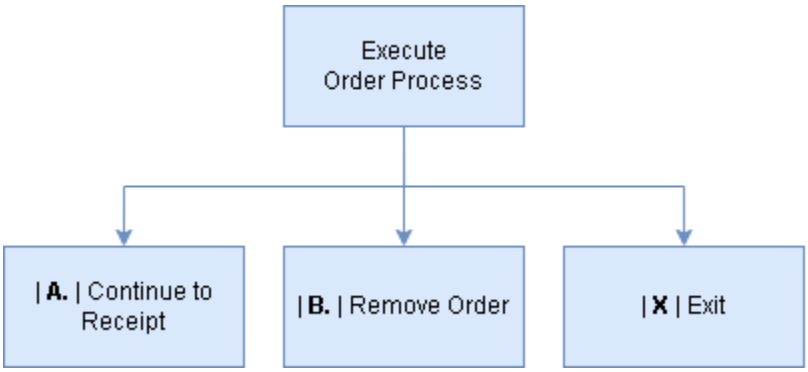

Figure 8 Post-Order Menu

Figure 8 shows after ordering the food, users will be directed to these options which are "Continue to Receipt" where the users will continue into the process of receipt-making where they can get their food order receipt after, the "Remove order" option will remove the users' entire food order and they will go back in Figure 5 or users will return into the food stall they chose if they want to reorder a food from the stall, and last option is "Exit" option, this is where users can leave this process and go back into the list of food stalls which they wish to change their food stall and they can order if they already decided.

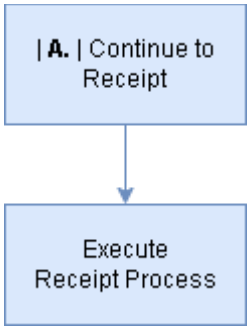

Figure 9 Receipt Menu

Figure 9 indicates when users choose to continue to get their receipt, they will encounter one more process and that is the "Receipt Process" where the program will ask the user for their payment method whether cash or GCash (e-wallet platform) and if the users picked cash, the program will continue to query how much money that the user will give into the cashier and after that, the program will show the expected change that the users can get after giving the money to the food stall while in GCash, program will just put "GCash" as a label in the receipt and the food stall will already know that users will pay with this method and lastly, users must put their full name for verification of the order.

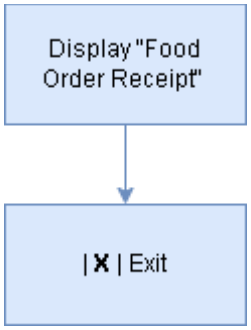

Figure 10 Food Order Receipt

Lastly after executing the "Receipt Process", users now can get their finalized food order receipt which they must show to the food stall where they ordered the food. To prevent a problem like the users showing the receipt to the wrong stall, there will be a name of the food stall indicated on the receipt where they will get the food and through the "Exit" option, users will be returned to Start Menu.

V. PRESENTATION OF THE PROGRAM

Place the screenshots of your working program showing different scenarios of how it operates (functionality). Include an operational/technical discussion for each image.

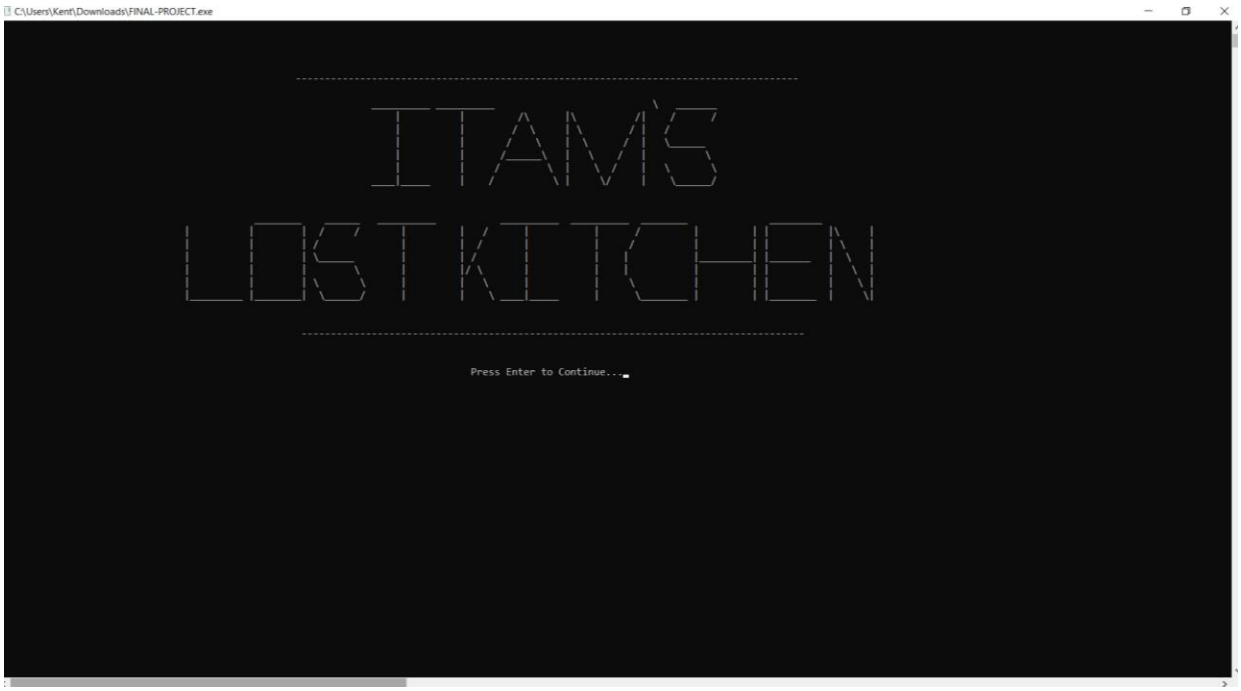

Figure 1.0

This interface is the very beginning of the program, which shows the title of the program. At the bottom part, it shows "Press Enter to continue", which tells the user a certain command, in order to proceed with the program.

Figure 2.0

This figure shows the options that the user will have;
A - "Find food in the FEU Tech Campus", will be directing the user to the lists of the food stalls that the FEU Tech has.
B - "About Us", will show you a slight background of the aim of the program and the programmers. It also shows the lists of the names of the programmers and also the address of the FEU Tech Campus.
C- "Exit", which also means stopping or closing the program.

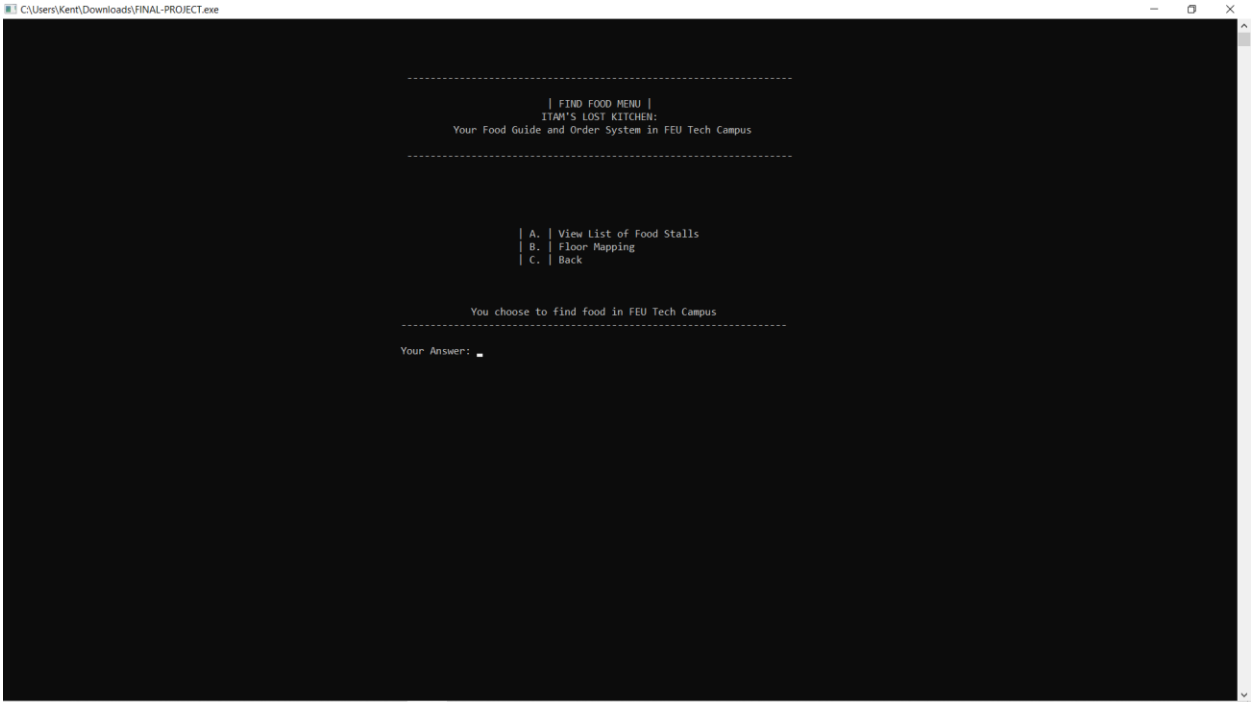

Figure 2.1

This figure shows the (3) options for the user to choose;
A - "View list of Food Stalls", will direct the user to the lists of overall food stalls on the program.
B - "Floor Mapping", will direct the user to the overview of the floor of the "canteen" in the FEU Tech Campus.
C- "Back", which will lead the user to the *figure 2.0*

Figure 2.2

This figure shows the information of the FEU Tech Campus and the lists of the programmers. While leaving the user with the option "A", which is to go back to *Figure 2.0*.

Figure 3.0

This figure shows the lists of the stalls in the FEU Tech where the user can buy from. There are (5) listed options and the sixth option is to go back from *figure 2.0*.

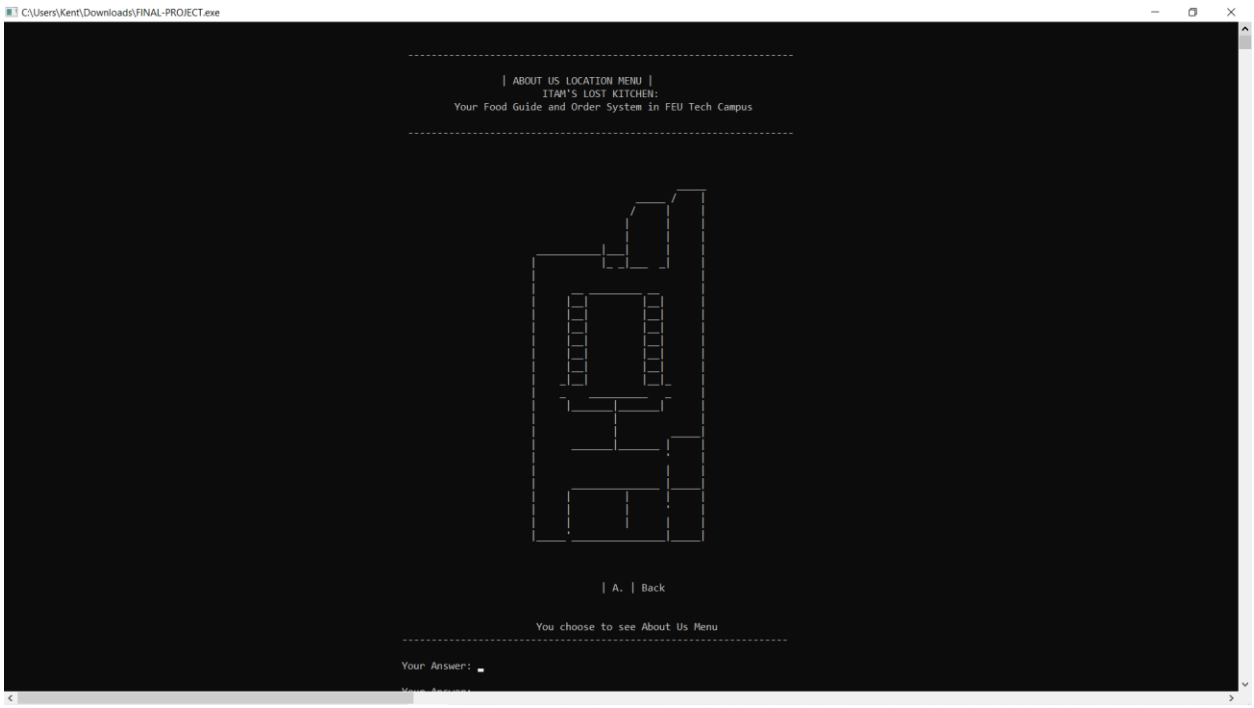

Figure 2.1.1

This figure shows the overview of the floor map of the canteen of the FEU Tech Campus. It leaves the user with the 'A' option, which is to go back to the previous interface(*Figure 2.0*).

Figure 3.1.1

This figure shows the (3) options that the user has after choosing a stall(applicable to all stalls);
A - "See Food Menu", will direct the user to the overview of the lists of the food that the selected stall has.
B - "Order", will give the user the ability to order from the lists of food on the selected stall, the program will be asking for the quantity of the food that the user will buy.
C - "Back", will return to *Figure 3.0*.

Figure 3.1.2

This figure will show the user the lists of the menu. This figure will also be representing the remaining stalls that will be selected, only if they will be selecting the "Order". It will also let the user go back to *figure 3.1* by selecting 'A'.

Figure 3.1.3

This figure lets the user make an order by choosing from the menu, it also asks the user for the quantity of the certain food that will be selected. Once the user is done with the orders, the user can choose the next step;
'11' - "Done Ordering", which will continue to the next step which is *Figure 3.1.4*.
'12' - "Back", which will go back to the previous interface.

Figure 3.1.4

This figure will let the user decide whether to;
A - "Continue to Receipt", which will go through the next interface of confirming the "*name"* of the user and will proceed with the calculation of the total amount of the order.
B - "Remove Order", will delete all the selected orders and will go back to *figure 3.1.1*.
X - "Exit", will go back to *figure 3.0*.

Figure 4.1

This figure will let the user decide for the payment method that will be used for further transactions.
A - "Cash", will proceed with the name for the verification and will be asking for the amount the user will give to the stall employee, then continuing to show the total amount of the order and the change of the user if ever there are any.
B - "Gcash", will proceed with the name for the verification and will show the receipt of the total amount and the history of the transaction.

Figure 4.1(1)

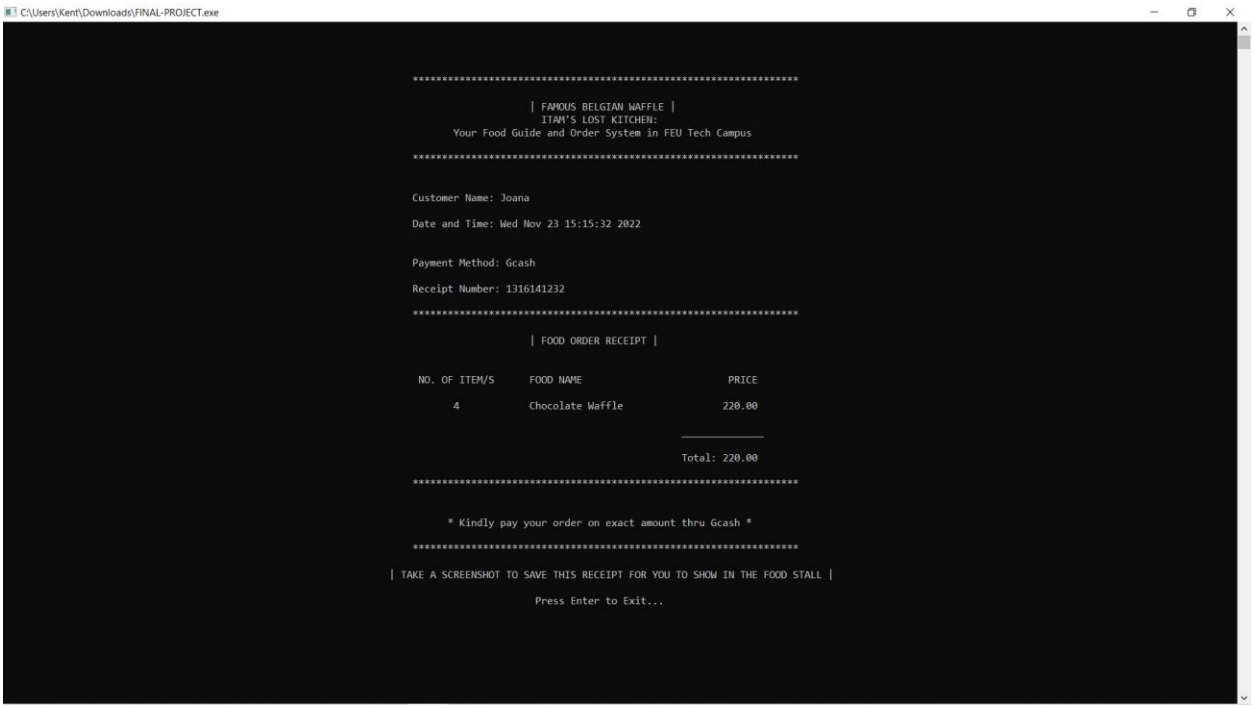

Figure 4.1.2

This figure will be the final output for the user, after choosing "cash" as payment method. This will serve as the proof of purchase, and will just be needed to present to the stall employee.

Figure 3.1.5

This figure will show the removal of the order and will go back to *figure 3.0*.

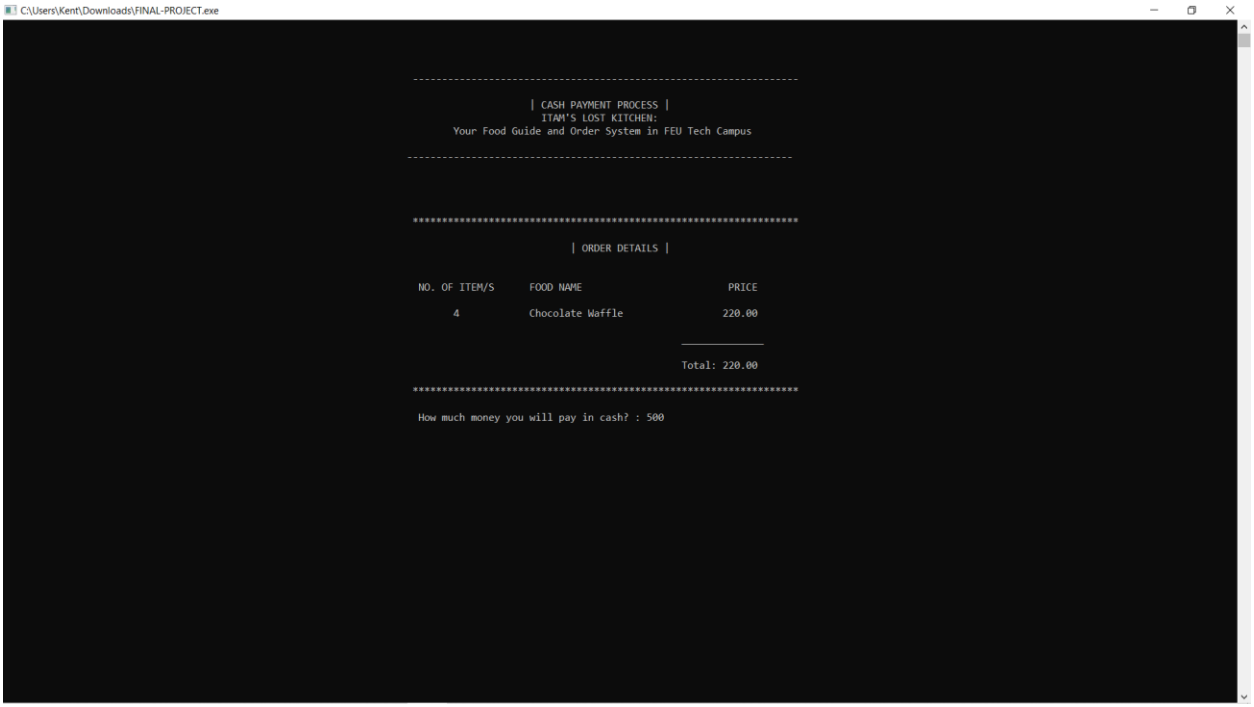

Figure 4.1.1

This figure will be asking for the user to input the amount of money he will give to the stall employee, after choosing *"cash"* as payment method.

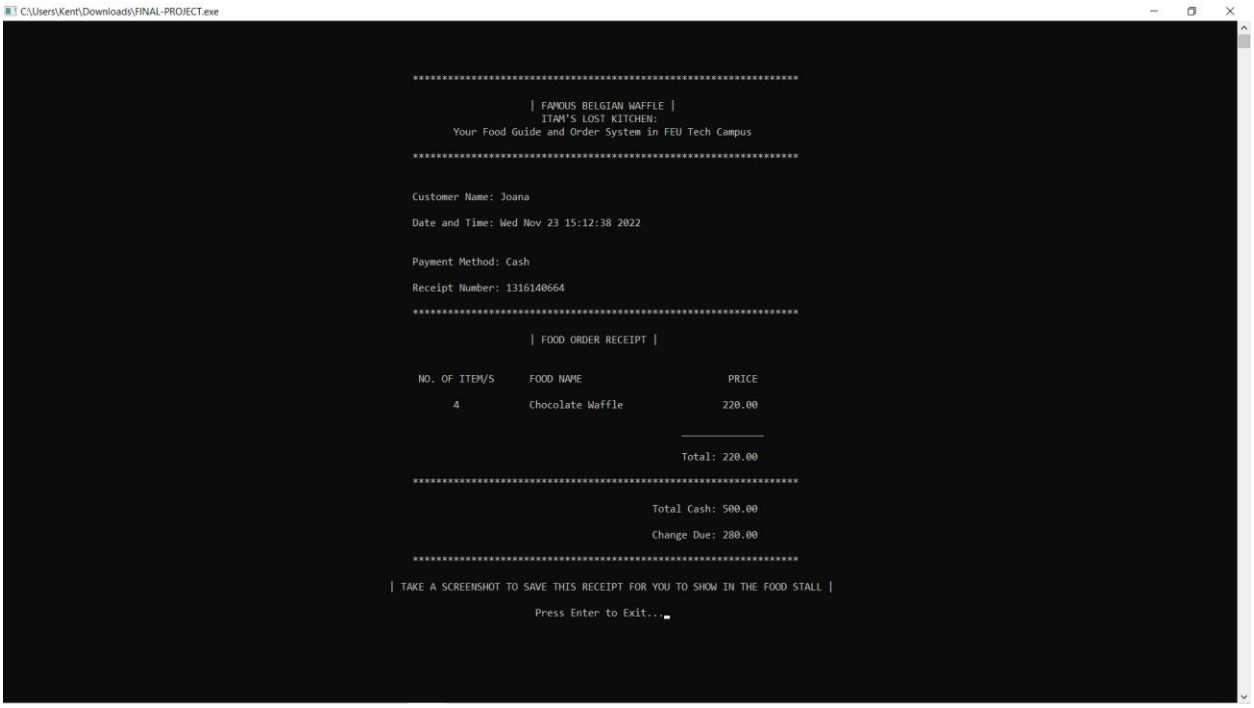

Figure 4.1.2(1)

This figure will be the final output for the user, after choosing "cash" as payment method. This will serve as the proof of purchase, and will just be needed to present to the stall employee.

VI. SOURCE CODE

```
#include <iostream>
#include <iomanip>
#include <conio.h>
#include <stdlib.h>
#include <string.h>
#include <ctime>

using namespace std;

void titleMenu();
void startMenu();
void aboutUs();
void findFoodMenu();
void foodStalls();
void floorMapping();
void belgianWaffle();
void vvCafe();
void sisigOk();
void jamaicanPattie();
void idontTea();
void foodMenu1();
void foodMenu2();
void foodMenu3();
void foodMenu4();
void foodMenu5();
void order1();
void order2();
void order3();
void order4();
void order5();
void orderProcess1();
void orderProcess2();
void orderProcess3();
void orderProcess4();
void orderProcess5();
void receiptProcess1();
void receiptProcess2();
void receiptProcess3();
void receiptProcess4();
```

```cpp
void receiptProcess4();
void receiptProcess5();
void checkReceipt1();
void checkReceipt2();
void checkReceipt3();
void checkReceipt4();
void checkReceipt5();
void finalReceipt1();
void finalReceipt2();
void finalReceipt3();
void finalReceipt4();
void finalReceipt5();
void reset();

char choice;
string customerName;
int orderChoice = 1, num1 = 0, num2 = 0, num3 = 0, num4 = 0, num5 = 0, num6 = 0, num7 = 0, num8 = 0, num9 = 0, num10 = 0,
    sentinel = 0, gcash =0, cash = 0,foodnumber1 = 0, foodnumber2 = 0, foodnumber3 = 0, foodnumber4 = 0, foodnumber5 = 0,
    foodnumber6 = 0, foodnumber7 = 0, foodnumber8 = 0, foodnumber9 = 0, foodnumber10 = 0, totalItems = 0;

float numAmount1 = 0, numAmount2 = 0, numAmount3 = 0, numAmount4 = 0, numAmount5 = 0,  numAmount6 = 0, numAmount7 = 0,
    numAmount8 = 0, numAmount9 = 0, numAmount10 = 0, totalAmount = 0,  customerAmount = 0, customerChange = 0;

int main() {
system("mode 650");
titleMenu();
return 0;
}

void titleMenu() {
cout << "\n\n\n\n" << setw(138) << "-------------------------------------------------------------------------------------\n" << endl;
    cout << setw(126) << "_________ _________                      \\    ______   " << endl;
    cout << setw(125) << "    |          |        /\\     |\\       /|   /      /  " << endl;
    cout << setw(125) << "    |          |       /  \\    | \\     / |  /          " << endl;
    cout << setw(124) << "    |          |      /    \\   |  \\   /  |  \\______    "<< endl;
    cout << setw(124) << "    |          |     /______\\  |   \\ /   |         \\  " << endl;
    cout << setw(123) << "    |          |    /        \\ |    \\/   |  \\       \\" << endl;
    cout << setw(124) << "____|_____     |   /          \\|   \\/    |   \\______/ " << endl;
    cout << "\n" << endl;
    cout << setw(147) << "          ______  _____  ________     ________  ________  _______          ________        " << endl;
    cout << setw(150) << "|         |      | /    /     |        |  /     |          |      /         |       | |        |\\     |" << endl;
    cout << setw(150) << "|         |      | /          |        | /      |          |     /          |       | |        | \\    |" << endl;
    cout << setw(150) << "|         |      | \\______    |        |/       |          |    |           |_______| |______  |  \\   |" << endl;
    cout << setw(150) << "|         |      |        \\   |        |/ \\     |          |    |           |       | |        |   \\  |" << endl;
    cout << setw(150) << "|         |      | \\       \\  |        |   \\    |          |     \\          |       | |        |    \\ |" << endl;
    cout << setw(150) << "|________ |______|  \\______/  |        |    \\ ___|____     |      \\_______  |       | |_______ |     \\|" << endl;
    cout << "\n\n" << setw(140) << "---------------------------------------------------------------------------------\n\n" << endl;
    cout << setw(107) << "Press Enter to Continue...";
    getch();
    system("CLS");
    startMenu();
}

void startMenu() {
    cout << "\n\n\n\n" << setw(136) << "-------------------------------------------------------------\n" << endl;
    cout << setw(109) << "Welcome to the" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "-------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(123) << "| A. | Find Food In FEU Tech Campus" << endl;
    cout << setw(103) << "| B. | About Us" << endl;
    cout << setw(99) << "| X. | Exit" << endl;
    cout << "\n\n\n" << setw(143) << "Hello! I am Jr. Your personal assistant in this program. What can I help you with?" << endl;
    cout << setw(135) << "-------------------------------------------------------------\n" << endl;
    cout << setw(81) << "Your Answer: ";
    cin >> choice;

    switch (choice) {
        case 'A':
        case 'a':
        system("CLS");
        findFoodMenu();
        break;

        case 'B':
        case 'b':
        system("CLS");
        aboutUs();
```

```
117             break;
118
119             case 'X':
120             case 'x':
121             system("CLS");
122             exit(3);
123             break;
124
125             default:
126             system("CLS");
127             startMenu();
128         }
129     }
130
131 void aboutUs(){
132     cout << "\n\n\n\n" << setw(136) << "-------------------------------------------------------------------------\n" << endl;
133     cout << setw(111) << "| ABOUT US MENU |" << endl;
134     cout << setw(112) << "ITAM'S LOST KITCHEN" << endl;
135     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
136     cout << "\n" << setw(138) << "-------------------------------------------------------------------------\n\n\n" << endl;
137     cout <<  setw(130) << "ITam's Lost Kitchen is a C++ console program that created" << endl;
138     cout <<  setw(130) << " by the Team Finez on their Computer Programming 1 subject." << endl;
139     cout <<  setw(130) << " This program will serve as food guide and ordering system " << endl;
140     cout <<  setw(129) << " of FEU Tech students, professors, school's staffs, other " << endl;
141     cout <<  setw(129) << " FEU students, and visitors of the campus who do not have " << endl;
142     cout <<  setw(131) << " any idea what food will they get which will on their taste " << endl;
143     cout <<  setw(134) << " and budget. It features food stalls who have static food menu " << endl;
144     cout <<  setw(106) << " with their 10 best-seller foods.\n\n" << endl;
145     cout << setw(123) << "| PEOPLE BEHIND ITAM'S LOST KITCHEN | \n" << endl;
146
147     cout <<  setw(115) << "Jorell Andrei P. Finez " << endl;
148     cout <<  setw(128) << "Lead Programmer - Documentations - System Design\n" << endl;
149
150     cout <<  setw(112) << "Joana Ester Reyes" << endl;
151     cout <<  setw(118) << " Documentations - System Design\n" << endl;
152
153     cout <<  setw(113) << "Francis Jr. De Ramas" << endl;
154     cout <<  setw(130) << " Quality Assurance - Documentations - System Design\n" << endl;
155
156     cout <<  setw(113) << "Larry Louie Lacandazo" << endl;
157     cout <<  setw(111) << " Documentations\n\n\n" << endl;
158
159     cout << setw(108) << "Location: FEU Institute of Technology," << endl;
160     cout << setw(111) << "P. Paredes St,Sampaloc, Manila," << endl;
161         cout << setw(97) << "1015 Metro Manila" << endl;
162     cout << "\n\n" << setw(107) << "| A. | Back" << endl;
163     cout << "\n\n\n" << setw(118) << "You choose to see About Us Menu" << endl;
164     cout << setw(135) << "-------------------------------------------------------------------------\n" << endl;
165     cout << setw(81) << "Your Answer: ";
166     cin >> choice;
167
168     switch (choice) {
169         case 'A':
170         case 'a':
171         system("CLS");
172         startMenu();
173         break;
174
175         default:
176         system("CLS");
177         aboutUs();
178
179     }
180 }
181 void findFoodMenu(){
182     cout << "\n\n\n\n" << setw(136) << "-------------------------------------------------------------------------\n" << endl;
183     cout << setw(111) << "| FIND FOOD MENU |" << endl;
184     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
185     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
186     cout << "\n" << setw(138) << "-------------------------------------------------------------------------\n\n\n" << endl;
187     cout << "\n\n" << setw(119) << "| A. | View List of Food Stalls" << endl;
188     cout << setw(108) << "| B. | Floor Mapping" << endl;
189     cout << setw(99) << "| C. | Back" << endl;
190     cout << "\n\n\n" << setw(122) << "You choose to find food in FEU Tech Campus" << endl;
191     cout << setw(135) << "-------------------------------------------------------------------------\n" << endl;
192     cout << setw(81) << "Your Answer: ";
193     cin >> choice;
194
```

```
195     switch (choice) {
196         case 'A':
197         case 'a':
198         system("CLS");
199         foodStalls();
200         break;
201 
202         case 'B':
203         case 'b':
204         system("CLS");
205         floorMapping();
206         break;
207 
208         case 'C':
209         case 'c':
210         system("CLS");
211         startMenu();
212         break;
213 
214         default:
215         system("CLS");
216         findFoodMenu();
217     }
218 }
219 
220 void foodStalls() {
221     cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
222     cout << setw(112) << "| FOOD STALLS MENU |" << endl;
223     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
224     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
225     cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
226     cout << "\n\n" << setw(116) << "| A. | Famous Belgian Waffle" << endl;
227     cout << setw(105) << "| B. | V & V Cafe" << endl;
228     cout << setw(117) << "| C. | The Original: Sisig-Ok" << endl;
229     cout << setw(127) << "| D. | De Original Jamaican Pattie Shop" << endl;
230     cout << setw(120) << "| E. | I don't wanna miss a Tea'" << endl;
231     cout << setw(99) << "| F. | Back" << endl;
232     cout << "\n\n\n" << setw(132) << "You choose to view the list of food stalls in FEU Tech canteen." << endl;
233     cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
234     cout << setw(81) << "Your Answer: ";
235     cin >> choice;
236 
237     switch (choice) {
238         case 'A':
239         case 'a':
240         system("CLS");
241         belgianWaffle();
242         break;
243 
244         case 'B':
245         case 'b':
246         system("CLS");
247         vvCafe();
248         break;
249 
250         case 'C':
251         case 'c':
252         system("CLS");
253         sisigOk();
254         break;
255 
256         case 'D':
257         case 'd':
258         system("CLS");
259         jamaicanPattie();
260         break;
261 
262         case 'E':
263         case 'e':
264         system("CLS");
265         idontTea();
266         break;
267 
268         case 'F':
269         case 'f':
270         system("CLS");
271         findFoodMenu();
272         break;
```

```
271         findFoodMenu();
272         break;
273 
274         default:
275         system("CLS");
276         foodStalls();
277 
278     }
279 }
280 
281 void floorMapping(){
282     cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
283     cout << setw(111) << "| ABOUT US LOCATION MENU |" << endl;
284     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
285     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
286     cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
287     cout << setw(120) << "                              ____" << endl;
288     cout << setw(125) << "                        _____ /    |     " << endl;
289     cout << setw(125) << "                       /     |     |     " << endl;
290     cout << setw(125) << "                      |      |     |     " << endl;
291     cout << setw(125) << "                      |      |     |     " << endl;
292     cout << setw(125) << " ____________|___|      |     |     " << endl;
293     cout << setw(125) << "|            |_ _|___  _|     |     " << endl;
294     cout << setw(120) << "|                              |" << endl;
295     cout << setw(120) << "|       __ _________ __        |" << endl;
296     cout << setw(120) << "|      |__|         |__|       |" << endl;
297     cout << setw(120) << "|      |__|         |__|       |" << endl;
298     cout << setw(120) << "|      |__|         |__|       |" << endl;
299     cout << setw(120) << "|      |__|         |__|       |" << endl;
300     cout << setw(120) << "|      |__|         |__|       |" << endl;
301     cout << setw(120) << "|      |__|         |__|       |" << endl;
302     cout << setw(120) << "|    _|__|         |__|_      |" << endl;
303     cout << setw(120) << "|    _    _________    _      |" << endl;
304     cout << setw(120) << "|     |_______|_______|       |" << endl;
305     cout << setw(120) << "|             |              |" << endl;
306     cout << setw(120) << "|             |        _____|" << endl;
307     cout << setw(120) << "|      _______|_______ |     |" << endl;
308     cout << setw(120) << "|                      .     |" << endl;
309     cout << setw(120) << "|                      |     |" << endl;
310     cout << setw(120) << "|      _______________ |_____|" << endl;
311     cout << setw(120) << "|     |         |      |     |" << endl;
312     cout << setw(120) << "|     |         |      .     |" << endl;
313     cout << setw(120) << "|     |         |      |     |" << endl;
314     cout << setw(120) << "|_____._________________|_____|" << endl;
315     cout << "\n\n\n" <<  setw(113) << "| A. | Back" << endl;
316     cout << "\n\n" << setw(122) << "You choose to see About Us Menu" << endl;
317     cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
318     cout << setw(81) << "Your Answer: ";
319     cin >> choice;
320 
321     switch (choice) {
322         case 'A':
323         case 'a':
324         system("CLS");
325         findFoodMenu();
326         break;
327 
328         default:
329         system("CLS");
330         floorMapping();
331     }
332 }
333 
334 void foodMenu() {
335     cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
336     cout << setw(111) << "| FIND FOOD MENU |" << endl;
337     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
338     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
339     cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
340 
341     cout << "\n\n" << setw(119) << "| A. | View List of Food Stalls" << endl;
342     cout << setw(108) << "| B. | Floor Mapping" << endl;
343     cout << setw(99) << "| C. | Back" << endl;
344     cout << "\n\n\n" << setw(122) << "You choose to find food in FEU Tech Campus" << endl;
345     cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
346     cout << setw(81) << "Your Answer: ";
347     cin >> choice;
348     switch (choice) {
```

```
349             case 'A':
350             case 'a':
351             system("CLS");
352             foodStalls();
353             break;
354 
355             case 'B':
356             case 'b':
357             system("CLS");
358             floorMapping();
359             break;
360 
361             case 'C':
362             case 'c':
363             system("CLS");
364             startMenu();
365             break;
366                         
367             default:
368             system("CLS");
369             foodMenu();
370         }
371     }
372 
373     void belgianWaffle() {
374         cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
375         cout << setw(115) << "| FAMOUS BELGIAN WAFFLE |" << endl;
376         cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
377         cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
378         cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
379         cout << "\n\n" << setw(108) << "| A. | See Food Menu" << endl;
380         cout << setw(100) << "| B. | Order" << endl;
381         cout << setw(99) << "| C. | Back" << endl;
382         cout << "\n\n\n" << setw(122) << "You choose to view Famous Belgian Waffle" << endl;
383         cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
384         cout << setw(81) << "Your Answer: ";
385         cin >> choice;
386 
387         switch (choice) {
388             case 'A':
389             case 'a':
390             system("CLS");
391             foodMenu1();
392             break;
393 
394             case 'B':
395             case 'b':
396             system("CLS");
397             order1();
398             break;
399 
400             case 'C':
401             case 'c':
402             system("CLS");
403             foodStalls();
404             break;
405 
406             default:
407             system("CLS");
408             belgianWaffle();
409         }
410     }
411 
412     void vvCafe() {
413         cout << "\n\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
414         cout << setw(110) << "| V & V CAFE |" << endl;
415         cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
416         cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
417         cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
418 
419         cout << "\n\n" << setw(108) << "| A. | See Food Menu" << endl;
420         cout << setw(100) << "| B. | Order" << endl;
421         cout << setw(99) << "| C. | Back" << endl;
422         cout << "\n\n\n" << setw(115) << "You choose to view V & V Cafe" << endl;
423         cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
424         cout << setw(81) << "Your Answer: ";
425         cin >> choice;
```

```
427     switch (choice) {
428         case 'A':
429         case 'a':
430         system("CLS");
431         foodMenu2();
432         break;
433 
434         case 'B':
435         case 'b':
436         system("CLS");
437         order2();
438         break;
439 
440         case 'C':
441         case 'c':
442         system("CLS");
443         foodStalls();
444         break;
445 
446         default:
447         system("CLS");
448         vvCafe();
449     }
450 }
451 void sisigOk() {
452         cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
453     cout << setw(115) << "| THE ORIGINAL: SISIG-OK |" << endl;
454     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
455     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
456     cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
457     cout << "\n\n" << setw(108) << "| A. | See Food Menu" << endl;
458     cout << setw(100) << "| B. | Order" << endl;
459     cout << setw(99) << "| C. | Back" << endl;
460     cout << "\n\n\n" << setw(122) << "You choose to view The Original: Sisig-Ok" << endl;
461     cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
462     cout << setw(81) << "Your Answer: ";
463     cin >> choice;
464 
465     switch (choice) {
466         case 'A':
467         case 'a':
468         system("CLS");
469         foodMenu3();
470         break;
471 
472         case 'B':
473         case 'b':
474         system("CLS");
475         order3();
476         break;
477 
478         case 'C':
479         case 'c':
480         system("CLS");
481         foodStalls();
482         break;
483 
484         default:
485         system("CLS");
486         sisigOk();
487     }
488 }
489 void jamaicanPattie() {
490     cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
491     cout << setw(115) << "| DE ORIGINAL JAMAICAN PATTIE SHOP |" << endl;
492     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
493     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
494     cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
495     cout << "\n\n" << setw(108) << "| A. | See Food Menu" << endl;
496     cout << setw(100) << "| B. | Order" << endl;
497     cout << setw(99) << "| C. | Back" << endl;
498     cout << "\n\n\n" << setw(122) << "You choose to view De Original Jamaican Pattie Shop" << endl;
499     cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
500     cout << setw(81) << "Your Answer: ";
501     cin >> choice;
502 
503     switch (choice) {
504         case 'A':
```

```
505             case 'a':
506             system("CLS");
507             foodMenu4();
508             break;
509 
510             case 'B':
511             case 'b':
512             system("CLS");
513             order4();
514             break;
515 
516             case 'C':
517             case 'c':
518             system("CLS");
519             foodStalls();
520             break;
521 
522             default:
523             system("CLS");
524             jamaicanPattie();
525         }
526     }
527 void idontTea() {
528         cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
529         cout << setw(114) << "| I DON'T WANNA MISS A TEA |" << endl;
530         cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
531         cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
532         cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
533         cout << "\n\n" << setw(108) << "| A. | See Food Menu" << endl;
534         cout << setw(100) << "| B. | Order" << endl;
535         cout << setw(99) << "| C. | Back" << endl;
536         cout << "\n\n\n\n" << setw(122) << "You choose to view I Don't Wanna Miss A Tea" << endl;
537         cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
538         cout << setw(81) << "Your Answer: ";
539         cin >> choice;
540 
541         switch (choice) {
542             case 'A':
543             case 'a':
544             system("CLS");
545             foodMenu5();
546             break;
547 
548             case 'B':
549             case 'b':
550             system("CLS");
551             order5();
552             break;
553 
554             case 'C':
555             case 'c':
556             system("CLS");
557             foodStalls();
558             break;
559 
560             default:
561             system("CLS");
562             idontTea();
563 
564         }
565     }
566     //--------------------- FOOD MENU ---------------------
567 void foodMenu1() {
568         cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
569         cout << setw(120) << "| FAMOUS BELGIAN WAFFLE - FOOD MENU |" << endl;
570         cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
571         cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
572         cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
573         cout << "\n\n" << setw(88) << "FOOD MENU ";
574         cout << setw(37) << "PRICE" << endl;
575         cout << "\n" << setw(90) << "1.) Plain Waffle ";
576         cout << setw(38) << " 40.00 pesos" << endl;
577         cout << "\n" << setw(94) << "2.) Chocolate Waffle ";
578         cout << setw(35) << "55.00 pesos " << endl;
579         cout << "\n" << setw(97) << "3.) Cheese Spread Waffle";
580         cout << setw(31) << "55.00 pesos" << endl;
581         cout << "\n" << setw(92) << "4.) Caramel Waffle ";
582         cout << setw(36) << "55.00 pesos" << endl;
```

```
583         cout << "\n" << setw(96) << "5.) Mango Peach Waffle ";
584         cout << setw(32) << "60.00 pesos" << endl;
585         cout << "\n" << setw(95) << "6.) Tuna Garlic Ranch ";
586         cout << setw(33) << "60.00 pesos" << endl;
587         cout << "\n" << setw(105) << "7.) Banana Peanut Butter Waffle ";
588         cout << setw(23) << "65.00 pesos" << endl;
589         cout << "\n" << setw(88) << "8.) Hot Coffee ";
590         cout << setw(40) << " 65.00 pesos" << endl;
591         cout << "\n" << setw(87) << "9.) Hot Choco ";
592         cout << setw(41) << " 65.00 pesos" << endl;
593         cout << "\n" << setw(107) << "10.) French Butter Caramel Waffle ";
594         cout << setw(21) << " 65.00 pesos" << endl;
595         cout << "\n\n\n" <<  setw(106) << "| A. | Back" << endl;
596         cout << "\n\n\n" << setw(128) << "You choose to view Famous Belgian Waffle's food menu" << endl;
597         cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
598         cout << setw(81) << "Your Answer: ";
599         cin >> choice;
600
601         switch (choice) {
602             case 'A':
603             case 'a':
604             system("CLS");
605             belgianWaffle();
606             break;
607
608             default:
609             system("CLS");
610             foodMenu1();
611         }
612     }
613
614 void foodMenu2(){
615         cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
616         cout << setw(115) << "| V & V CAFE - FOOD MENU |" << endl;
617         cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
618         cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
619         cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
620         cout << "\n\n" << setw(88) << "DRINKS MENU ";
621         cout << setw(33) << "PRICE" << endl;
622          cout << "\n";
623          cout << setw(123) << "HOT 8oz." ;
624          cout << "\n" << setw(88) << "1.) Americano ";
625          cout << setw(36) << "65.00 pesos";
626          cout << "\n" << setw(95) << "2.) Tamaraw (Barako) ";
627          cout << setw(30) << "65.00 pesos ";
628          cout << "\n" << setw(91) << "3.) Cafe Au Lait ";
629          cout << setw(33) << "65.00 pesos";
630          cout << "\n" << setw(87) << "4.) Macchiato";
631          cout << setw(37) << "75.00 pesos";
632          cout << "\n" << setw(88) << "5.) Cafe Latte";
633          cout << setw(36) << "80.00 pesos";
634          cout << "\n" << setw(91) << "6.) Spanish Latte";
635          cout << setw(33) << "80.00 pesos";
636          cout << "\n" << setw(89) << "7.) Honey Latte";
637          cout << setw(35) << "80.00 pesos";
638          cout << "\n" << setw(88) << "8.) Cappuccino";
639          cout << setw(36) << "85.00 pesos";
640          cout << "\n" << setw(95) << "9.) Caramel Macchiato";
641          cout << setw(29) << "85.00 pesos";
642          cout << "\n" << setw(89) << "10.) Cafe Mocha";
643          cout << setw(35) << "85.00 pesos";
644          cout << "\n\n\n" <<  setw(106) << "| A. | Back" << endl;
645          cout << "\n\n\n" << setw(123) << "You choose to view Famous V & V Cafe's food menu" << endl;
646          cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
647          cout << setw(81) << "Your Answer: ";
648          cin >> choice;
649
650          switch (choice) {
651              case 'A':
652              case 'a':
653              system("CLS");
654              vvCafe();
655              break;
656
657              default:
658              system("CLS");
659              foodMenu2();
660          }
```

```
}
void foodMenu3(){
    cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(121) << "| THE ORIGINAL: SISIG-OK - FOOD MENU |" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(86) << "FOOD MENU ";
    cout << setw(41) << "PRICE" << endl;
    cout << "\n" << setw(93) << "1.) Pork Sisig w/ Rice ";
    cout << setw(37) << "70.00 pesos" << endl;
    cout << "\n" << setw(89) << "2.) Bagnet w/ Rice ";
    cout << setw(42) << "80.00 pesos " << endl;
    cout << "\n\n\n" <<  setw(106) << "| A. | Back" << endl;
    cout << "\n\n\n" << setw(123) << "You choose to view Famous Sisig-Ok's food menu" << endl;
    cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(81) << "Your Answer: ";
    cin >> choice;

    switch (choice) {
        case 'A':
        case 'a':
        system("CLS");
        sisigOk();
        break;

        default:
        system("CLS");
        foodMenu3();

    }
}

void foodMenu4(){
    cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(130) << "| DE ORIGINAL JAMAICAN PATTIE SHOP - FOOD MENU |" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(86) << "FOOD MENU ";
    cout << setw(41) << "PRICE" << endl;
    cout << "\n" << setw(89) << "1.) Cheezy Tuna";
    cout << setw(42) << "69.00 pesos " << endl;
    cout << "\n" << setw(88) << "2.) Spicy Tuna";
    cout << setw(43) << "69.00 pesos " << endl;
    cout << "\n" << setw(92) << "3.) Beefy Mushroom";
    cout << setw(39) << "69.00 pesos " << endl;
    cout << "\n" << setw(90) << "4.) Chicken Stew";
    cout << setw(41) << "69.00 pesos " << endl;
    cout << "\n" << setw(94) << "5.) De Original Beef";
    cout << setw(37) << "69.00 pesos " << endl;
    cout << "\n" << setw(96) << "6.) Cheezy Beef Tomato";
    cout << setw(35) << "69.00 pesos " << endl;
    cout << "\n" << setw(90) << "7.) Beefy Tomato";
    cout << setw(41) << "69.00 pesos " << endl;
    cout << "\n" << setw(91) << "8.) Beef Pinatubo";
    cout << setw(40) << "69.00 pesos " << endl;
    cout << "\n" << setw(89) << "9.) Cheezy Beef";
    cout << setw(42) << "69.00 pesos " << endl;
    cout << "\n" << setw(99) << "10.) Cheezy Beef Pinatubo";
    cout << setw(32) << "69.00 pesos " << endl;
    cout << "\n\n\n" <<  setw(106) << "| A. | Back" << endl;
    cout << "\n\n\n" << setw(132) << "You choose to view De Original Jamaican Pattie Shop's food menu" << endl;
    cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(81) << "Your Answer: ";
    cin >> choice;

    switch (choice) {
        case 'A':
        case 'a':
        system("CLS");
        jamaicanPattie();
        break;

        default:
        system("CLS");
        foodMenu5();
    }
```

```
}

void foodMenu5() {
    cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(125) << "| I DON'T WANNA MISS A TEA - FOOD MENU |" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(88) << "DRINKS MENU ";
    cout << setw(43) << "PRICE" << endl;
    cout << "\n" << setw(97) << "1.) Citrus Moringa Cooler 16OZ";
    cout << setw(38) << "50.00 pesos " << endl;
    cout << "\n" << setw(95) << "2.) Four Seasons Cooler 16OZ";
    cout << setw(40) << "50.00 pesos " << endl;
    cout << "\n" << setw(96) << "3.) Hot Coffee Americano 12OZ";
    cout << setw(39) << "55.00 pesos " << endl;
    cout << "\n" << setw(93) << "4.) Lychee Fruit Teas 16OZ";
    cout << setw(42) << "60.00 pesos " << endl;
    cout << "\n" << setw(97) << "5.) Strawberry Fruit Teas 16OZ";
    cout << setw(38) << "60.00 pesos " << endl;
    cout << "\n" << setw(103) << "6.) Hot Coffee Signature Coffee 12OZ";
    cout << setw(32) << "75.00 pesos " << endl;
    cout << "\n" << setw(95) << "7.) Wintermelon Milktea 22OZ";
    cout << setw(40) << "75.00 pesos " << endl;
    cout << "\n" << setw(91) << "8.) Okinawa Milktea 22OZ";
    cout << setw(44) << "75.00 pesos " << endl;
    cout << "\n" << setw(88) << "9.) Taro Milktea 22OZ";
    cout << setw(47) << "85.00 pesos " << endl;
    cout << "\n" << setw(113) << "10.) Hot Coffee White Chocolate Americano 12OZ";
    cout << setw(22) << "85.00 pesos " << endl;
    cout << "\n\n\n" <<  setw(106) << "| A. | Back" << endl;
    cout << "\n\n\n" << setw(122) << "You choose to view I Don't Wanna Miss A Tea's food menu'" << endl;
    cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(81) << "Your Answer: ";
    cin >> choice;
    switch (choice) {
        case 'A':
        case 'a':
        system("CLS");
        idontTea();
        break;

        default:
        system("CLS");
        foodMenu5();

    }
}

//--------------------- ORDER MENU ---------------------

void order1(){
    const float price1 = 40, price2 = 55, price3 = 55, price4 = 55, price5 = 60, price6 = 60,
                price7 = 65, price8 = 65, price9 = 65, price10 = 65;

    const string food1 = "Plain Waffle", food2 = "Chocolate Waffle", food3 = "Cheese Spread Waffle",
          food4 = "Caramel Waffle", food5 = "Mango Peach Waffle", food6 = "Tuna Garlic Ranch",
          food7 = "Banana Peanut Butter Waffle", food8 = "Hot Coffee", food9 = "Hot Choco",
          food10 = "French Butter Caramel Waffle";
    cout << "\n\n\n\n" << setw(138) << "------------------------------------------------------------------------\n" << endl;
    cout << setw(120) << "| FAMOUS BELGIAN WAFFLE - ORDER MENU |" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(88) << "FOOD MENU ";
    cout << setw(37) << "PRICE" << endl;
    cout << "\n" << setw(90) << "1.) Plain Waffle ";
    cout << setw(38) << " 40.00 pesos" << endl;
    cout << "\n" << setw(94) << "2.) Chocolate Waffle ";
    cout << setw(35) << "55.00 pesos " << endl;
    cout << "\n" << setw(97) << "3.) Cheese Spread Waffle";
    cout << setw(31) << "55.00 pesos" << endl;
    cout << "\n" << setw(92) << "4.) Caramel Waffle ";
    cout << setw(36) << "55.00 pesos" << endl;
    cout << "\n" << setw(96) << "5.) Mango Peach Waffle ";
    cout << setw(32) << "60.00 pesos" << endl;
    cout << "\n" << setw(95) << "6.) Tuna Garlic Ranch ";
    cout << setw(33) << "60.00 pesos" << endl;
```

```
817     cout << "\n" << setw(105) << "7.) Banana Peanut Butter Waffle ";
818     cout << setw(23) << "65.00 pesos" << endl;
819     cout << "\n" << setw(88) << "8.) Hot Coffee ";
820     cout << setw(40) << " 65.00 pesos" << endl;
821     cout << "\n" << setw(87) << "9.) Hot Choco ";
822     cout << setw(41) << " 65.00 pesos" << endl;
823     cout << "\n" << setw(107) << "10.) French Butter Caramel Waffle ";
824     cout << setw(21) << " 65.00 pesos" << endl;
825     cout << "\n\n\n"  << setw(135) << "-------------------------------------------------------------------------\n" << endl;
826     cout <<  setw(110) << "| 11. | Done Ordering" << endl;
827     cout << setw(101) << "| 12. | Back" << endl;
828     cout << "\n\n\n" << setw(128) << "You choose to order from Famous Belgian Waffle" << endl;
829     cout << setw(135) << "-------------------------------------------------------------------\n" << endl;
830
831     while (orderChoice != sentinel) {
832     cout << "\n";
833     cout << setw(97) << "What is your choice? [1-12]: ";
834     cin >> orderChoice;
835     switch (orderChoice) {
836
837         case 1:
838         cout << setw(83) << "How many " << food1 << "? : ";
839         cin >> num1;
840         numAmount1 = price1 * num1;
841         totalAmount += numAmount1;
842         foodnumber1 = foodnumber1 + num1;
843         totalItems += foodnumber1;
844         cout << "\n";
845         break;
846
847         case 2:
848         cout << setw(83) << "How many " << food2 << "? : ";
849         cin >> num2;
850         numAmount2 = price2 * num2;
851         totalAmount += numAmount2;
852         foodnumber2 = foodnumber2 + num2;
853         totalItems += foodnumber2;
854         cout << "\n";
855         break;
856
857             case 3:
858             cout << setw(83) << "How many " << food3 << "? : ";
859             cin >> num3;
860             numAmount3 = price3 * num3;
861             totalAmount += numAmount3;
862             foodnumber3 = foodnumber3 + num3;
863             totalItems += foodnumber3;
864             cout << "\n";
865             break;
866
867             case 4:
868
869             cout << setw(83) << "How many " << food4 << "? : ";
870             cin >> num4;
871             numAmount4 = price4 * num4;
872             totalAmount += numAmount4;
873             foodnumber4 = foodnumber4 + num4;
874             totalItems += foodnumber4;
875             cout << "\n";
876             break;
877
878             case 5:
879
880             cout << setw(83) << "How many " << food5 << "? : ";
881             cin >> num5;
882             numAmount5 = price5 * num5;
883             totalAmount += numAmount5;
884             foodnumber5 = foodnumber5 + num5;
885             totalItems += foodnumber5;
886             cout << "\n";
887             break;
888
889             case 6:
890             cout << setw(83) << "How many " << food6 << "? : ";
891             cin >> num6;
892             numAmount6 = price6 * num6;
893             totalAmount += numAmount6;
894             foodnumber6 = foodnumber6 + num6;
```

```
            totalItems += foodnumber6;
            cout << "\n";
            break;

            case 7:

            cout << setw(83) << "How many " << food7 << "? : ";
            cin >> num7;
            numAmount7 = price7 * num7;
            totalAmount += numAmount7;
            foodnumber7 = foodnumber7 + num7;
            totalItems += foodnumber7;
            cout << "\n";
            break;

            case 8:

            cout << setw(83) << "How many " << food8 << "? : ";
            cin >> num8;
            numAmount8 = price8 * num8;
            totalAmount += numAmount8;
            foodnumber8 = foodnumber8 + num8;
            totalItems += foodnumber8;
            cout << "\n";
            break;

            case 9:

            cout << setw(83) << "How many " << food9 << "? : ";
            cin >> num9;
            numAmount9 = price9 * num9;
            totalAmount += numAmount9;
            foodnumber9 = foodnumber9 + num9;
            totalItems += foodnumber9;
            cout << "\n";
            break;

            case 10:

          cout << setw(83) << "How many " << food10 << "? : ";
          cin >> num10;
          numAmount10 = price10 * num10;
          totalAmount += numAmount10;
          foodnumber10 = foodnumber10 + num10;
          totalItems += foodnumber10;
          cout << "\n";
          break;

          case 11:
          if (totalAmount > 0 || totalItems > 0) {
          system("CLS");
          orderChoice = 0;
          orderProcess1();
          } else {
          cout << endl << setw(123) << "You need to order atleast [1] food in order to proceed.";
          }
          cout << "\n";
          break;

          case 12:
          system("CLS");
          reset();
          belgianWaffle();
          break;

          default:
          system("CLS");
          order1();
          }
      }
  }

  void order2(){
  const float price1 = 65, price2 = 65, price3 = 65, price4 = 75, price5 = 80, price6 = 80,
              price7 = 80, price8 = 85, price9 = 85, price10 = 85;

      const string food1 = "Americano", food2 = "Tamaraw (Barako)", food3 = "Cafe Au Lait",
           food4 = "Macchiato", food5 = "Cafe Latte ", food6 = "Spanish Latte ",
```

```
973     const string food1 = "Americano", food2 = "Tamaraw (Barako)", food3 = "Cafe Au Lait",
974           food4 = "Macchiato", food5 = "Cafe Latte ", food6 = "Spanish Latte ",
975           food7 = "Honey Latte", food8 = "Cappuccino ", food9 = "Caramel Macchiato",
976           food10 = "Cafe Mocha";
977     cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
978     cout << setw(116) << "| V & V CAFE - ORDER MENU |" << endl;
979     cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
980     cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
981     cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
982     cout << "\n\n" << setw(88) << "DRINKS MENU ";
983     cout << setw(33) << "PRICE" << endl;
984     cout << "\n";
985     cout << setw(123) << "HOT 8oz." ;
986     cout << "\n" << setw(88) << "1.) Americano ";
987     cout << setw(36) << "65.00 pesos";
988     cout << "\n" << setw(95) << "2.) Tamaraw (Barako) ";
989     cout << setw(30) << "65.00 pesos ";
990     cout << "\n" << setw(91) << "3.) Cafe Au Lait ";
991     cout << setw(33) << "65.00 pesos";
992     cout << "\n" << setw(87) << "4.) Macchiato";
993     cout << setw(37) << "75.00 pesos";
994     cout << "\n" << setw(88) << "5.) Cafe Latte";
995     cout << setw(36) << "80.00 pesos";
996     cout << "\n" << setw(91) << "6.) Spanish Latte";
997     cout << setw(33) << "80.00 pesos";
998     cout << "\n" << setw(89) << "7.) Honey Latte";
999     cout << setw(35) << "80.00 pesos";
1000    cout << "\n" << setw(88) << "8.) Cappuccino";
1001    cout << setw(36) << "85.00 pesos";
1002    cout << "\n" << setw(95) << "9.) Caramel Macchiato";
1003    cout << setw(29) << "85.00 pesos";
1004    cout << "\n" << setw(89) << "10.) Cafe Mocha";
1005    cout << setw(35) << "85.00 pesos";
1006    cout << "\n\n\n"  << setw(135) << "-----------------------------------------------------------------------\n" << endl;
1007    cout <<  setw(110) << "| 11. | Done Ordering" << endl;
1008    cout << setw(101) << "| 12. | Back" << endl;
1009    cout << "\n\n\n" << setw(124) << "You choose to order Famous V & V Cafe's food menu" << endl;
1010    cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
1011
1012        while (orderChoice != sentinel) {
1013
1014        cout << "\n";
1015        cout << setw(97) << "What is your choice? [1-12]: ";
1016        cin >> orderChoice;
1017
1018        switch (orderChoice) {
1019            case 1:
1020            cout << setw(83) << "How many " << food1 << "? : ";
1021            cin >> num1;
1022            numAmount1 = price1 * num1;
1023            totalAmount += numAmount1;
1024            foodnumber1 = foodnumber1 + num1;
1025            totalItems += foodnumber1;
1026            cout << "\n";
1027            break;
1028
1029            case 2:
1030            cout << setw(83) << "How many " << food2 << "? : ";
1031            cin >> num2;
1032            numAmount2 = price2 * num2;
1033            totalAmount += numAmount2;
1034            foodnumber2 = foodnumber2 + num2;
1035            totalItems += foodnumber2;
1036            cout << "\n";
1037            break;
1038
1039            case 3:
1040            cout << setw(83) << "How many " << food3 << "? : ";
1041            cin >> num3;
1042            numAmount3 = price3 * num3;
1043            totalAmount += numAmount3;
1044            foodnumber3 = foodnumber3 + num3;
1045            totalItems += foodnumber3;
1046            cout << "\n";
1047            break;
1048
1049            case 4:
1050            cout << setw(83) << "How many " << food4 << "? : ";
```

```
1051            cin >> num4;
1052            numAmount4 = price4 * num4;
1053            totalAmount += numAmount4;
1054            foodnumber4 = foodnumber4 + num4;
1055            totalItems += foodnumber4;
1056            cout << "\n";
1057            break;
1058
1059            case 5:
1060            cout << setw(83) << "How many " << food5 << "? : ";
1061            cin >> num5;
1062            numAmount5 = price5 * num5;
1063            totalAmount += numAmount5;
1064            foodnumber5 = foodnumber5 + num5;
1065            totalItems += foodnumber5;
1066            cout << "\n";
1067            break;
1068
1069            case 6:
1070            cout << setw(83) << "How many " << food6 << "? : ";
1071            cin >> num6;
1072            numAmount6 = price6 * num6;
1073            totalAmount += numAmount6;
1074            foodnumber6 = foodnumber6 + num6;
1075            totalItems += foodnumber6;
1076            cout << "\n";
1077            break;
1078
1079            case 7:
1080            cout << setw(83) << "How many " << food7 << "? : ";
1081            cin >> num7;
1082            numAmount7 = price7 * num7;
1083            totalAmount += numAmount7;
1084            foodnumber7 = foodnumber7 + num7;
1085            totalItems += foodnumber7;
1086            cout << "\n";
1087            break;
1088
1089            case 8:
1090          cout << setw(83) << "How many " << food8 << "? : ";
1091          cin >> num8;
1092          numAmount8 = price8 * num8;
1093          totalAmount += numAmount8;
1094          foodnumber8 = foodnumber8 + num8;
1095          totalItems += foodnumber8;
1096          cout << "\n";
1097          break;
1098
1099          case 9:
1100          cout << setw(83) << "How many " << food9 << "? : ";
1101          cin >> num9;
1102          numAmount9 = price9 * num9;
1103          totalAmount += numAmount9;
1104          foodnumber9 = foodnumber9 + num9;
1105          totalItems += foodnumber9;
1106          cout << "\n";
1107          break;
1108
1109          case 10:
1110          cout << setw(83) << "How many " << food10 << "? : ";
1111          cin >> num10;
1112          numAmount10 = price10 * num10;
1113          totalAmount += numAmount10;
1114          foodnumber10 = foodnumber10 + num10;
1115          totalItems += foodnumber10;
1116          cout << "\n";
1117          break;
1118
1119          case 11:
1120          if (totalAmount > 0 || totalItems > 0) {
1121          system("CLS");
1122          orderChoice = 0;
1123          orderProcess2();
1124          } else {
1125          cout << endl << setw(123) << "You need to order atleast [1] food in order to proceed.";
1126          }
1127          cout << "\n";
1128          break;
```

```
1129
1130            case 12:
1131            system("CLS");
1132            reset();
1133            vvCafe();
1134            break;
1135
1136            default:
1137            system("CLS");
1138            order2();
1139        } }
1140
1141        }
1142
1143    void order3() {
1144        const float price1 = 70, price2 = 80;
1145        const string food1 = "Pork Sisig w/ Rice", food2 = "Bagnet w/ Rice";
1146
1147        cout << "\n\n\n\n" << setw(136) << "-----------------------------------------------------------------------\n" << endl;
1148        cout << setw(122) << "| THE ORIGINAL: SISIG-OK - ORDER MENU |" << endl;
1149        cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
1150        cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
1151        cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
1152        cout << "\n\n" << setw(86) << "FOOD MENU ";
1153        cout << setw(41) << "PRICE" << endl;
1154        cout << "\n" << setw(93) << "1.) Pork Sisig w/ Rice ";
1155        cout << setw(37) << "70.00 pesos" << endl;
1156        cout << "\n" << setw(89) << "2.) Bagnet w/ Rice ";
1157        cout << setw(42) << "80.00 pesos " << endl;
1158        cout << "\n\n\n"  << setw(135) << "-----------------------------------------------------------------------\n" << endl;
1159        cout <<  setw(110) << "| 3. | Done Ordering" << endl;
1160        cout << setw(101) << "| 4. | Back" << endl;
1161        cout << "\n\n\n" << setw(124) << "You choose to order Famous Sisig-Ok's food menu" << endl;
1162        cout << setw(135) << "-----------------------------------------------------------------------\n" << endl;
1163
1164        while (orderChoice != sentinel) {
1165
1166        cout << "\n";
1167        cout << setw(97) << "What is your choice? [1-4]: ";
1168          cin >> orderChoice;
1169
1170        switch (orderChoice) {
1171            case 1:
1172            cout << setw(83) << "How many " << food1 << "? : ";
1173            cin >> num1;
1174            numAmount1 = price1 * num1;
1175            totalAmount += numAmount1;
1176            foodnumber1 = foodnumber1 + num1;
1177            totalItems += foodnumber1;
1178            cout << "\n";
1179            break;
1180
1181            case 2:
1182            cout << setw(83) << "How many " << food2 << "? : ";
1183            cin >> num2;
1184            numAmount2 = price2 * num2;
1185            totalAmount += numAmount2;
1186            foodnumber2 = foodnumber2 + num2;
1187            totalItems += foodnumber2;
1188            cout << "\n";
1189            break;
1190
1191            case 3:
1192            if (totalAmount > 0 || totalItems > 0) {
1193            system("CLS");
1194            orderChoice = 0;
1195            orderProcess3();
1196            } else {
1197            cout << endl << setw(123) << "You need to order atleast [1] food in order to proceed.";
1198            }
1199            cout << "\n";
1200            break;
1201
1202            case 4:
1203            system("CLS");
1204            sisigOk();
1205            break;
1206
```

```
1207            default:
1208            system("CLS");
1209            order3();
1210        }
1211        }
1212    }
1213
1214    void order4() {
1215
1216        const float price1 = 69, price2 = 69, price3 = 69, price4 = 69, price5 = 69, price6 = 69,
1217                    price7 = 69, price8 = 69, price9 = 69, price10 = 69;
1218        const string food1 = "Cheezy Tuna", food2 = "Spicy Tuna", food3 = "Beefy Mushroom",
1219              food4 = "Chicken Stew", food5 = "De Original Beef", food6 = "Cheezy Beef Tomato",
1220              food7 = "Beefy Tomato", food8 = "Beef Pinatubo", food9 = "Cheezy Beef",
1221              food10 = "Cheezy Beef Pinatubo";
1222
1223    cout << "\n\n\n\n" << setw(136) << "------------------------------------------------------------------------\n" << endl;
1224        cout << setw(128) << "| DE ORIGINAL JAMAICAN PATTIE SHOP - ORDER MENU |" << endl;
1225        cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
1226        cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
1227        cout << "\n" << setw(138) << "------------------------------------------------------------------------\n\n\n" << endl;
1228        cout << "\n\n" << setw(86) << "FOOD MENU ";
1229        cout << setw(41) << "PRICE" << endl;
1230        cout << "\n" << setw(89) << "1.) Cheezy Tuna";
1231        cout << setw(42) << "69.00 pesos " << endl;
1232        cout << "\n" << setw(88) << "2.) Spicy Tuna";
1233        cout << setw(43) << "69.00 pesos " << endl;
1234        cout << "\n" << setw(92) << "3.) Beefy Mushroom";
1235        cout << setw(39) << "69.00 pesos " << endl;
1236        cout << "\n" << setw(90) << "4.) Chicken Stew";
1237        cout << setw(41) << "69.00 pesos " << endl;
1238        cout << "\n" << setw(94) << "5.) De Original Beef";
1239        cout << setw(37) << "69.00 pesos " << endl;
1240        cout << "\n" << setw(96) << "6.) Cheezy Beef Tomato";
1241        cout << setw(35) << "69.00 pesos " << endl;
1242        cout << "\n" << setw(90) << "7.) Beefy Tomato";
1243        cout << setw(41) << "69.00 pesos " << endl;
1244        cout << "\n" << setw(91) << "8.) Beef Pinatubo";
1245        cout << setw(40) << "69.00 pesos " << endl;
1246        cout << "\n" << setw(89) << "9.) Cheezy Beef";
1247        cout << setw(42) << "69.00 pesos " << endl;
1248        cout << "\n" << setw(99) << "10.) Cheezy Beef Pinatubo";
1249        cout << setw(32) << "69.00 pesos " << endl;
1250        cout << "\n\n\n"  << setw(135) << "------------------------------------------------------------------------\n" << endl;
1251        cout <<  setw(110) << "| 11. | Done Ordering" << endl;
1252        cout << setw(101) << "| 12. | Back" << endl;
1253        cout << "\n\n\n" << setw(124) << "You choose to order Jamaican's food menu" << endl;
1254        cout << setw(135) << "------------------------------------------------------------------------\n" << endl;
1255
1256    while (orderChoice != sentinel) {
1257        cout << "\n";
1258        cout << setw(97) << "What is your choice? [1-12]: ";
1259        cin >> orderChoice;
1260
1261        switch (orderChoice) {
1262
1263            case 1:
1264            cout << setw(83) << "How many " << food1 << "? : ";
1265            cin >> num1;
1266            numAmount1 = price1 * num1;
1267            totalAmount += numAmount1;
1268            foodnumber1 = foodnumber1 + num1;
1269            totalItems += foodnumber1;
1270            cout << "\n";
1271            break;
1272
1273            case 2:
1274            cout << setw(83) << "How many " << food2 << "? : ";
1275            cin >> num2;
1276            numAmount2 = price2 * num2;
1277            totalAmount += numAmount2;
1278            foodnumber2 = foodnumber2 + num2;
1279            totalItems += foodnumber2;
1280            cout << "\n";
1281            break;
1282
1283            case 3:
1284            cout << setw(83) << "How many " << food3 << "? : ";
```

```
1285            cin >> num3;
1286            numAmount3 = price3 * num3;
1287            totalAmount += numAmount3;
1288            foodnumber3 = foodnumber3 + num3;
1289            totalItems += foodnumber3;
1290            cout << "\n";
1291            break;
1292
1293            case 4:
1294            cout << setw(83) << "How many " << food4 << "? : ";
1295            cin >> num4;
1296            numAmount4 = price4 * num4;
1297            totalAmount += numAmount4;
1298            foodnumber4 = foodnumber4 + num4;
1299            totalItems += foodnumber4;
1300            cout << "\n";
1301            break;
1302
1303            case 5:
1304            cout << setw(83) << "How many " << food5 << "? : ";
1305            cin >> num5;
1306            numAmount5 = price5 * num5;
1307            totalAmount += numAmount5;
1308            foodnumber5 = foodnumber5 + num5;
1309            totalItems += foodnumber5;
1310            cout << "\n";
1311            break;
1312
1313            case 6:
1314            cout << setw(83) << "How many " << food6 << "? : ";
1315            cin >> num6;
1316            numAmount6 = price6 * num6;
1317            totalAmount += numAmount6;
1318            foodnumber6 = foodnumber6 + num6;
1319            totalItems += foodnumber6;
1320            cout << "\n";
1321            break;
1322
1323            case 7:
1324            cout << setw(83) << "How many " << food7 << "? : ";
1325            cin >> num7;
1326            numAmount7 = price7 * num7;
1327            totalAmount += numAmount7;
1328            foodnumber7 = foodnumber7 + num7;
1329            totalItems += foodnumber7;
1330            cout << "\n";
1331            break;
1332
1333            case 8:
1334            cout << setw(83) << "How many " << food8 << "? : ";
1335            cin >> num8;
1336            numAmount8 = price8 * num8;
1337            totalAmount += numAmount8;
1338            foodnumber8 = foodnumber8 + num8;
1339            totalItems += foodnumber8;
1340            cout << "\n";
1341            break;
1342
1343            case 9:
1344            cout << setw(83) << "How many " << food9 << "? : ";
1345            cin >> num9;
1346            numAmount9 = price9 * num9;
1347            totalAmount += numAmount9;
1348            foodnumber9 = foodnumber9 + num9;
1349            totalItems += foodnumber9;
1350            cout << "\n";
1351            break;
1352
1353            case 10:
1354
1355            cout << setw(83) << "How many " << food10 << "? : ";
1356            cin >> num10;
1357            numAmount10 = price10 * num10;
1358            totalAmount += numAmount10;
1359            foodnumber10 = foodnumber10 + num10;
1360            totalItems += foodnumber10;
1361            cout << "\n";
1362            break;
```

```
1363
1364            case 11:
1365            if (totalAmount > 0 || totalItems > 0) {
1366            system("CLS");
1367            orderChoice = 0;
1368            orderProcess4();
1369            } else {
1370            cout << endl << setw(123) << "You need to order atleast [1] food in order to proceed.";
1371            }
1372            cout << "\n";
1373            break;
1374
1375            case 12:
1376            system("CLS");
1377            jamaicanPattie();
1378            break;
1379
1380            default:
1381            system("CLS");
1382            order4();
1383        }
1384        }
1385
1386
1387    }
1388
1389    void order5() {
1390
1391    const float price1 = 50, price2 = 50, price3 = 55, price4 = 60, price5 = 60, price6 = 75,
1392                price7 = 75, price8 = 75, price9 = 85, price10 = 85;
1393        const string food1 = "Citrus Moringa Cooler 16OZ", food2 = "Four Seasons Cooler 16OZ", food3 = "Hot Coffee Americano 12OZ",
1394              food4 = "Lychee Fruit Teas 16OZ", food5 = "Strawberry Fruit Teas 16OZ", food6 = "Hot Coffee Signature Coffee 12OZ",
1395              food7 = "Wintermelon Milktea 22OZ", food8 = "Okinawa Milktea 22OZ", food9 = "Taro Milktea 22OZ",
1396              food10 = "Hot Coffee White Chocolate Americano 12OZ";
1397
1398        cout << "\n\n\n\n" << setw(136) << "-------------------------------------------------------------------\n" << endl;
1399        cout << setw(126) << "| I DON'T WANNA MISS A TEA - ORDER MENU |" << endl;
1400        cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
1401        cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
1402        cout << "\n" << setw(138) << "-------------------------------------------------------------------\n\n\n" << endl;
1403        cout << "\n\n" << setw(88) << "DRINKS MENU ";
1404        cout << setw(43) << "PRICE" << endl;
1405        cout << "\n" << setw(97) << "1.) Citrus Moringa Cooler 16OZ";
1406        cout << setw(38) << "50.00 pesos " << endl;
1407        cout << "\n" << setw(95) << "2.) Four Seasons Cooler 16OZ";
1408        cout << setw(40) << "50.00 pesos " << endl;
1409        cout << "\n" << setw(96) << "3.) Hot Coffee Americano 12OZ";
1410        cout << setw(39) << "55.00 pesos " << endl;
1411        cout << "\n" << setw(93) << "4.) Lychee Fruit Teas 16OZ";
1412        cout << setw(42) << "60.00 pesos " << endl;
1413        cout << "\n" << setw(97) << "5.) Strawberry Fruit Teas 16OZ";
1414        cout << setw(38) << "60.00 pesos " << endl;
1415        cout << "\n" << setw(103) << "6.) Hot Coffee Signature Coffee 12OZ";
1416        cout << setw(32) << "75.00 pesos " << endl;
1417        cout << "\n" << setw(95) << "7.) Wintermelon Milktea 22OZ";
1418        cout << setw(40) << "75.00 pesos " << endl;
1419        cout << "\n" << setw(91) << "8.) Okinawa Milktea 22OZ";
1420        cout << setw(44) << "75.00 pesos " << endl;
1421        cout << "\n" << setw(88) << "9.) Taro Milktea 22OZ";
1422        cout << setw(47) << "85.00 pesos " << endl;
1423        cout << "\n" << setw(113) << "10.) Hot Coffee White Chocolate Americano 12OZ";
1424        cout << setw(22) << "85.00 pesos " << endl;
1425        cout << "\n\n\n"  << setw(135) << "-------------------------------------------------------------------\n" << endl;
1426        cout <<  setw(110) << "| 11. | Done Ordering" << endl;
1427        cout << setw(101) << "| 12. | Back" << endl;
1428        cout << "\n\n\n" << setw(126) << "You choose to view I Don't Wanna Miss A Tea's food menu" << endl;
1429        cout << setw(135) << "-------------------------------------------------------------------\n" << endl;
1430
1431    while (orderChoice != sentinel) {
1432        cout << "\n";
1433        cout << setw(97) << "What is your choice? [1-12]: ";
1434        cin >> orderChoice;
1435
1436        switch (orderChoice) {
1437            case 1:
1438            cout << setw(83) << "How many " << food1 << "? : ";
1439            cin >> num1;
1440            numAmount1 = price1 * num1;
```

```
1441            totalAmount += numAmount1;
1442            foodnumber1 = foodnumber1 + num1;
1443            totalItems += foodnumber1;
1444            cout << "\n";
1445            break;
1446
1447            case 2:
1448            cout << setw(83) << "How many " << food2 << "? : ";
1449            cin >> num2;
1450            numAmount2 = price2 * num2;
1451            totalAmount += numAmount2;
1452            foodnumber2 = foodnumber2 + num2;
1453            totalItems += foodnumber2;
1454            cout << "\n";
1455            break;
1456
1457            case 3:
1458            cout << setw(83) << "How many " << food3 << "? : ";
1459            cin >> num3;
1460            numAmount3 = price3 * num3;
1461            totalAmount += numAmount3;
1462            foodnumber3 = foodnumber3 + num3;
1463            totalItems += foodnumber3;
1464            cout << "\n";
1465            break;
1466
1467            case 4:
1468            cout << setw(83) << "How many " << food4 << "? : ";
1469            cin >> num4;
1470            numAmount4 = price4 * num4;
1471            totalAmount += numAmount4;
1472            foodnumber4 = foodnumber4 + num4;
1473            totalItems += foodnumber4;
1474            cout << "\n";
1475            break;
1476
1477            case 5:
1478            cout << setw(83) << "How many " << food5 << "? : ";
1479            cin >> num5;
1480          numAmount5 = price5 * num5;
1481          totalAmount += numAmount5;
1482          foodnumber5 = foodnumber5 + num5;
1483          totalItems += foodnumber5;
1484          cout << "\n";
1485          break;
1486
1487          case 6:
1488          cout << setw(83) << "How many " << food6 << "? : ";
1489          cin >> num6;
1490          numAmount6 = price6 * num6;
1491          totalAmount += numAmount6;
1492          foodnumber6 = foodnumber6 + num6;
1493          totalItems += foodnumber6;
1494          cout << "\n";
1495          break;
1496
1497          case 7:
1498          cout << setw(83) << "How many " << food7 << "? : ";
1499          cin >> num7;
1500          numAmount7 = price7 * num7;
1501          totalAmount += numAmount7;
1502          foodnumber7 = foodnumber7 + num7;
1503          totalItems += foodnumber7;
1504          cout << "\n";
1505          break;
1506
1507          case 8:
1508          cout << setw(83) << "How many " << food8 << "? : ";
1509          cin >> num8;
1510          numAmount8 = price8 * num8;
1511          totalAmount += numAmount8;
1512          foodnumber8 = foodnumber8 + num8;
1513          totalItems += foodnumber8;
1514          cout << "\n";
1515          break;
1516
1517          case 9:
1518          cout << setw(83) << "How many " << food9 << "? : ";
```

```
            cin >> num9;
            numAmount9 = price9 * num9;
            totalAmount += numAmount9;
            foodnumber9 = foodnumber9 + num9;
            totalItems += foodnumber9;
            cout << "\n";
            break;

            case 10:
            cout << setw(83) << "How many " << food10 << "? : ";
            cin >> num10;
            numAmount10 = price10 * num10;
            totalAmount += numAmount10;
            foodnumber10 = foodnumber10 + num10;
            totalItems += foodnumber10;
            cout << "\n";
            break;

            case 11:
            if (totalAmount > 0 || totalItems > 0) {
            system("CLS");
            orderChoice = 0;
            orderProcess5();
            } else {
            cout << endl << setw(123) << "You need to order atleast [1] food in order to proceed.";
            }
            cout << "\n";
            break;

            case 12:
            system("CLS");
            idontTea();
            break;

            default:
            system("CLS");
            order5();
        }
    }
}

void orderProcess1() {
    cout << "\n\n\n\n" << setw(138) << "-------------------------------------------------------------------\n" << endl;
    cout << setw(128) << "| FAMOUS BELGIAN WAFFLE - POST-ORDER PROCESS |" << endl;
    cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
    cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
    cout << "\n" << setw(138) << "-------------------------------------------------------------------\n\n\n" << endl;
    cout << "\n\n" << setw(114) << "| A. | Continue To Receipt" << endl;
    cout << setw(107) << "| B. | Remove Order" << endl;
    cout << setw(99) << "| X. | Exit" << endl;
    cout << "\n\n\n\n\n\n\n\n" << setw(122) << "You are now in Post-Order Process" << endl;
    cout << setw(135) << "-------------------------------------------------------------------\n" << endl;
    cout << setw(81) << "Your Answer: ";
    cin >> choice;

    switch (choice) {
        case 'A':
        case 'a':
        cout << "\n" << setw(116) << "*Reminder you cannot go back once you continue*" << endl;
        cout << setw(112) << "Do you want to proceed in receipt? [Y/N] : ";
        cin >> choice;

        if (choice == 'Y' || choice == 'y'){
        system("CLS");
        receiptProcess1();
        } else {
        system("CLS");
        orderProcess1();
        }
        break;

        case 'B':
        case 'b':
        cout << "\n" << setw(121) << "Do you want to remove your order? [Y/N] : ";
        cin >> choice;

        if (choice == 'Y' || choice == 'y') {
```

```
1597            reset();
1598            system("CLS");
1599            foodStalls();
1600            } else {
1601            system("CLS");
1602            orderProcess1();
1603            }
1604            break;
1605
1606            case 'X':
1607            case 'x':
1608            cout << setw(103) << "Do you want to exit? [Y/N] : ";
1609            cin >> choice;
1610
1611            if (choice == 'Y' || choice == 'y') {
1612            reset();
1613            system("CLS");
1614            startMenu();
1615            }else {
1616            system("CLS");
1617            orderProcess1();
1618            }
1619            break;
1620
1621            default:
1622            system("CLS");
1623            orderProcess1();
1624    }
1625    }
1626
1627    void orderProcess2() {
1628        cout << "\n\n\n\n" << setw(138) << "-----------------------------------------------------------------------\n" << endl;
1629        cout << setw(120) << "| ∀ & ∀ CAFE - POST-ORDER PROCESS |" << endl;
1630        cout << setw(112) << "ITAM'S LOST KITCHEN:" << endl;
1631        cout << setw(128) << "Your Food Guide and Order System in FEU Tech Campus" << endl;
1632        cout << "\n" << setw(138) << "-----------------------------------------------------------------------\n\n\n" << endl;
1633        cout << "\n\n" << setw(114) << "| A. | Continue To Receipt" << endl;
1634        cout << setw(107) << "| B. | Remove Order" << endl;
1635        cout << setw(99) << "| X. | Exit" << endl;
```

VII. PROGRAMMERS' PROFILE

L ANDREI P.

Leader

Programmer / Documentations

OBJECTIVE:

To improve my programming skill and able to work with my father in a company.

PERSONAL INFO

Nickname : Rell
Age : 19
Birthday : November 23, 2003
Birthplace : Manila
Religion : Roman Catholic
Contact no. : 0927-607-0087

EDUCATIONAL BACKGROUND

College : BS Information Technology
FEU Institute of Technology
Manila
2022 - present
High school : STI San Jose Del Monte
SJDM,Bulacan
2020 - 2022

SPECIAL SKILLS & INTERESTS

Eating
Watching Netflix and Comedy Central

REFLECTION

I fully understand the basics of the C++ such as conditional and looping statements with user-defined functions.

rancis Jr., T.

Member

Documentations / Researcher

OBJECTIVE:

To be an aspiring programmer.

PERSONAL INFO

Nickname : Jr
Age : 18
Birthday : April 2, 2004
Birthplace : Caloocan City
Religion : Catholic
Contact no. : 0956-284-6495

EDUCATIONAL BACKGROUND

College : BS Information Technology
FEU Institute of Technology
Manila,
2022 - present
High school : Notre Dame of Greater
Manila,
2016-2020
Systems Plus Computer College,
2020-2021

SPECIAL SKILLS & INTERESTS

Playing games
Watching movies
Athletic

REFLECTION

I learned how to cooperate with others to make tasks easier.

A ESTER C.

Member

Documentations / Researcher

OBJECTIVE:

To learn more about programming so I can make an innovative program that will benefit not only myself but others too.

PERSONAL INFO

Nickname	**:**	Jo
Age	**:**	18
Birthday	**:**	November 10, 2003
Birthplace	**:**	Caloocan City
Religion	**:**	Catholic
Contact no.:		0922-852-9233

EDUCATIONAL BACKGROUND

College : BS Information Technology
FEU Institute of Technology
anila, 2022 - present

High school : St. Louis College of Valenzuela, 2016-2020
Pamantasan ng Lungsod ng Valenzuela, 2020-2022

, LARRY LOUIE T.

Member

Documentations / Researcher

OBJECTIVE:

To be able to master at least 2 programming languages.

PERSONAL INFO

Nickname	**:**	Lar
Age	**:**	21
Birthday	**:**	November 15, 2001
Birthplace	**:**	Pasig
Religion	**:**	Catholic
Contact no.:		0906-374-4066

EDUCATIONAL BACKGROUND

College : BS Information Technology
FEU Institute of Technology
Manila, - present

High school : Siena College Taytay,
2018-2020

SPECIAL SKILLS & INTERESTS

Driving
Playing guitar
Dancing
Volleyball

REFLECTION

Was able to study and understand certain programming languages

VIII. GROUP PICTURES