



Department of Education
National Capital Region
Division of Pasig City
Rizal High School



CATERING MANAGEMENT SYSTEM

In Partial Fulfillment of the Requirements in
Information Communication and Technology

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12 – ICT – IBM

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Abstract

As we encounter different difficulties in this pandemic, our capability to go outside is restricted. So, I construct an easy one-tap order at a restaurant. It is a piece of software designed to accept and handle client orders as safely as possible, without any hassle, time-consuming, rush, and going outside with the help of technology and the internet.

PART I Project Definition

Introduction

Tamp's Catering provides customer satisfaction by offering different kinds of meals that they desire. People have different starvations on foods, especially their cravings, but they cannot buy whatever they want. The project aims to enhance the transaction processing period, monitor cash flow, expand sales, and to provide a delightful meal as soon as possible to the customers. This project not only focuses on how the transaction of the business will run smoothly, but to gives an appreciation for the improvement of the technology.

The system that has been picked is the Catering Management System. Catering Management System is a software system that tracks details and processes to smoothen the flow of the business, including order entry, lists, and payment processes. This allows owners to save funds by tracking and handling energy consumption and supply quality as well as guiding operations through real time status screens. Apart from this, it will be valuable to every individual for their satisfaction with their needs by having what order they desire. To sum up, it involves a lot of human work, and it requires to have resources so that the business can conduct activities in the best way. It is always the priority to determine first what could be the possible resources for a company are and which the company will require so that the resources and the people have less complicated situations to manage.

The logo provides a company to be recognized as well as to be known by a lot of people regarding the outcome of the business. Tamp's Catering's logo has five different colors, starting with red. The red shade symbolizes revving up people's appetite to make them starve by our dish. The second is the green shade which represents the cleanliness of our business. The third is the yellow shade which defines being glad and satisfied for our customers. Lastly, the white and black shade symbolizes simplicity, natural, stability, and confidence. As you have noticed, our logo has designs too. Starting with the plate, Spoon, and Fork, Toque Blanche, and the Melt Design. These layouts have been constructed to attract consumers. Since our plan is to construct different dishes, we decided to create a logo that relates to our product. Simplicity is better than too much.

Project Goals

Listed below are the project's primary goal. Thus, the project aims to:

- Have an easier transaction.
- Enhance the customers satisfaction.
- Keep track of all transactions.
- Provide the prediction of data trends and the evaluation of the client's preferences.
- Prevent misinterpretations and frustrations.

Project Objectives

Listed below are the project's primary objectives. Thus, the project aims to:

- Less time consuming.
- Provide accurate information of the item.
- Estimate its performance and acceptability in terms of safety, user-friendliness, accurateness, and trustworthiness.
- Enhance the communication between the clients.
- Automatically calculate the bill.

Project Constraints

Listed below are the following project's constraints:

Time – As graduating learners, days and lectures are limited, so we must rush as soon as possible to comply and construct the program.

Situation – Since the situation that we encounter currently is difficult, as a leader of the group, I cannot declare to meet and construct the whole program with my group members since the situation is dangerous.

Limited Knowledge – Working individually on the codes is difficult, especially when some of the group members have limited knowledge regarding the software we used.

PART II

Functional Specification

Hardware Specification

The hardware's currently used for the installed RAM is 8.00 GB and 2.57 MB for the software.

Software Specification

Currently used Windows 11 OS platform for the device and Eclipse Java IDE as the development software.

Network Specification

The software doesn't need an internet connection to operate.

Manpower

The manpower of the system is the administrator or developer of the program.

PART III Technical Specifications

System Boundaries

As we prioritize the customer's accurate details, the system needs to provide data-based program to save and track the system's purpose, but we provide only limited details from the customers and incomplete categories.

System Design

Screen Inventory

Login Page

- Login Screen

Category Page

- Home Page
- Users Page
- About Us Page

Home Page

- Order Screen
- Menu Screen
- Order History Screen
- Back to home (category page)
- Sign out (login page)

Users Page

- Users access (as administrator)

About us Page

- System Developers

Order Screen

- Order Process
- Payment Screen

Payment Screen

- Customer's Details
- Receipt

Menu Screen

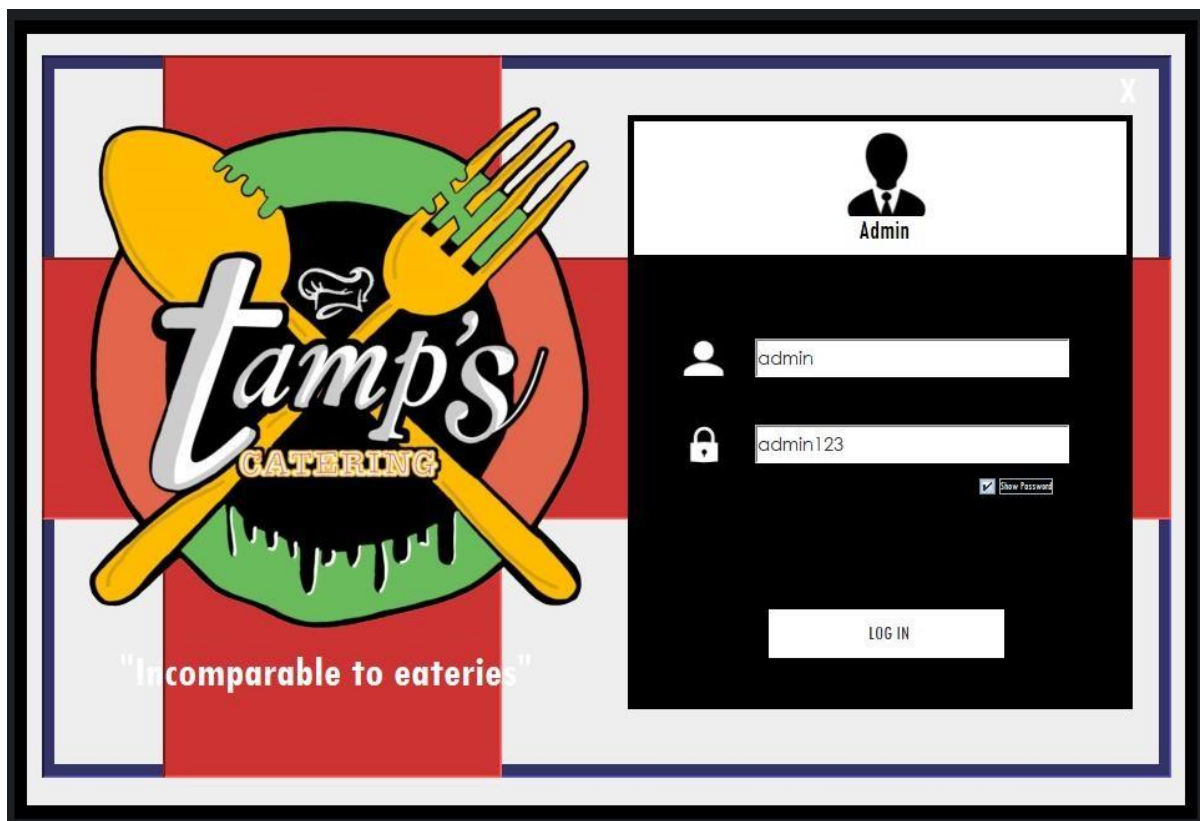
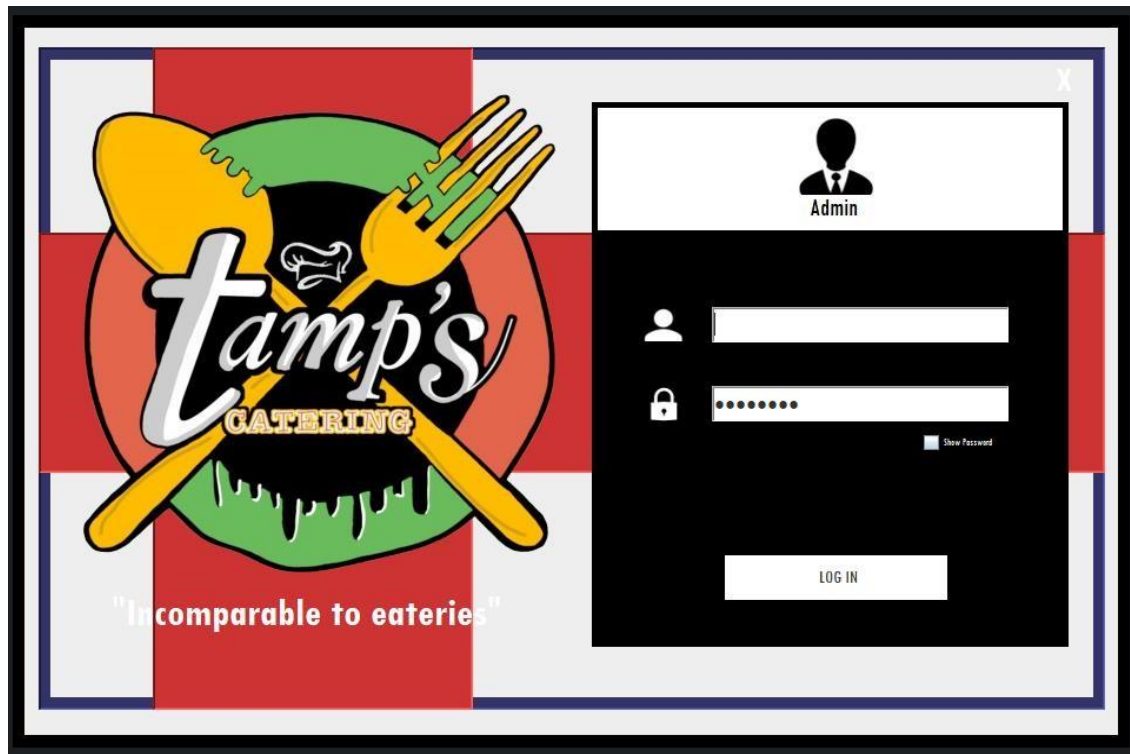
- Dish List

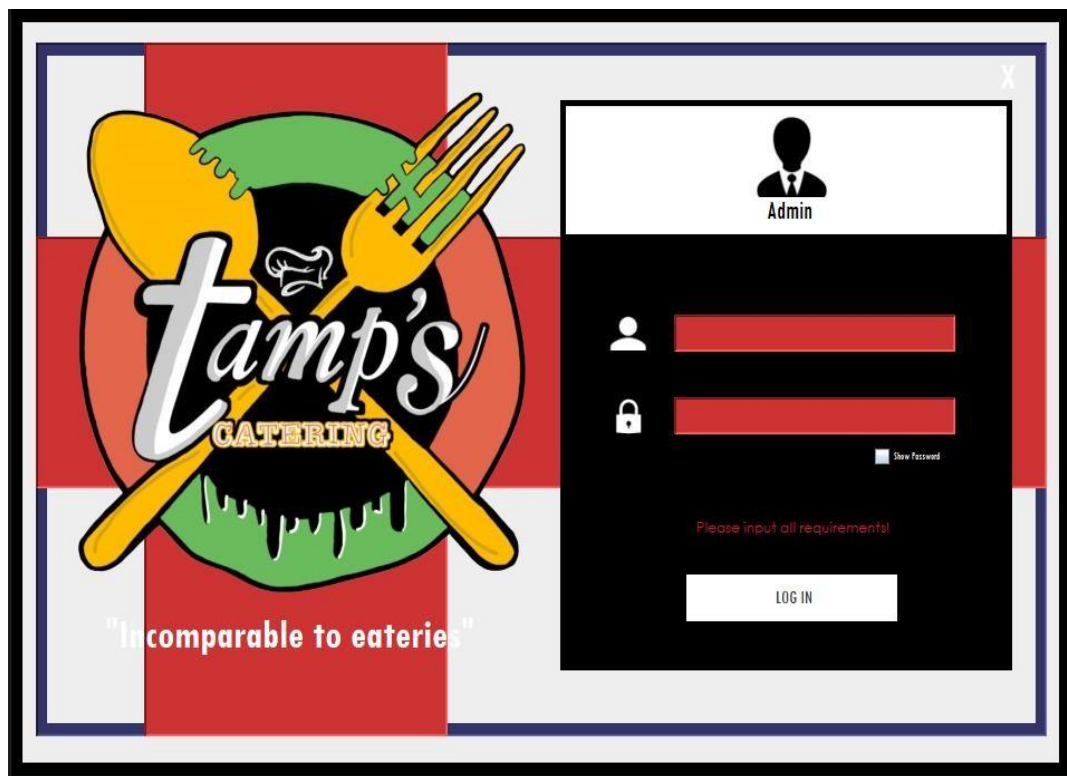
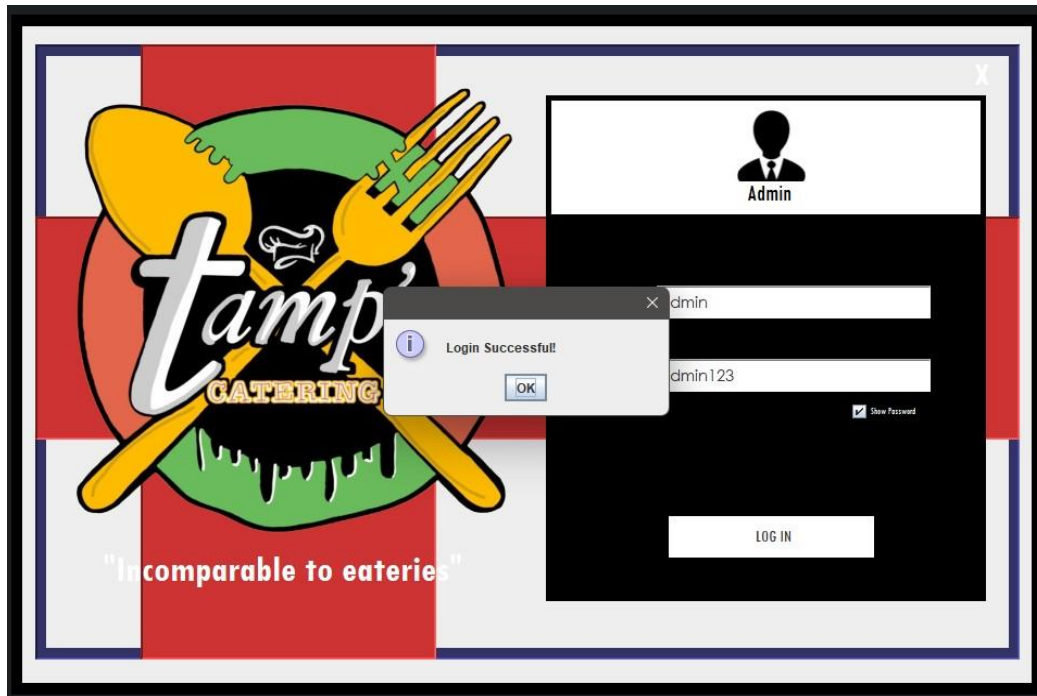
Order History Screen

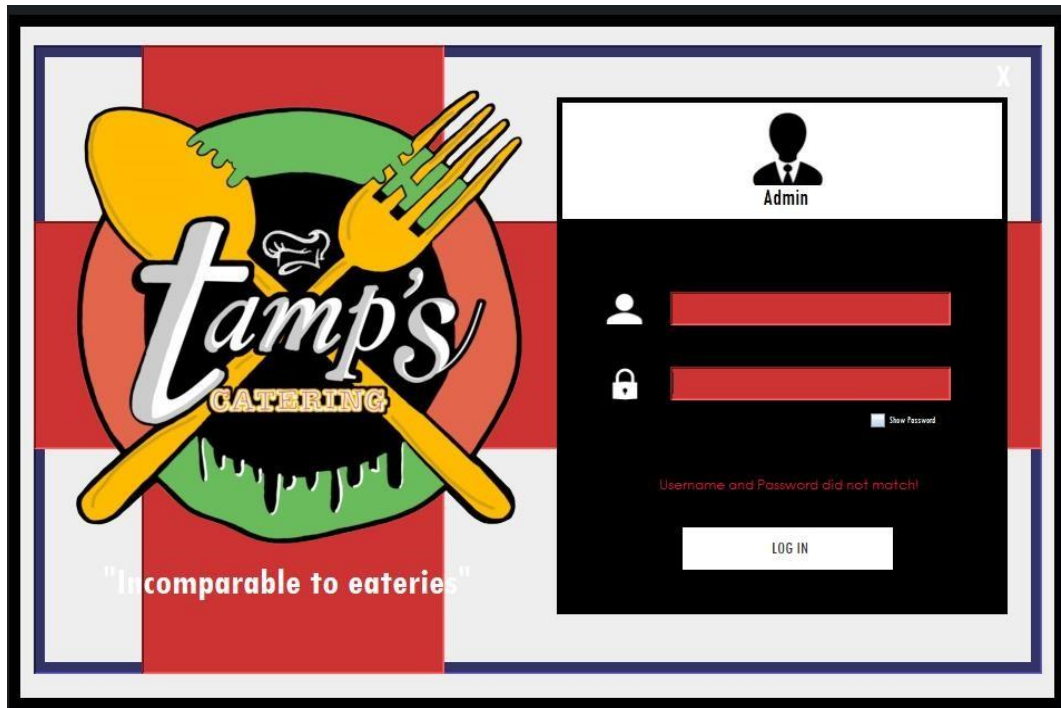
- After the process of ordering, the details will appear to the table.

System Layout

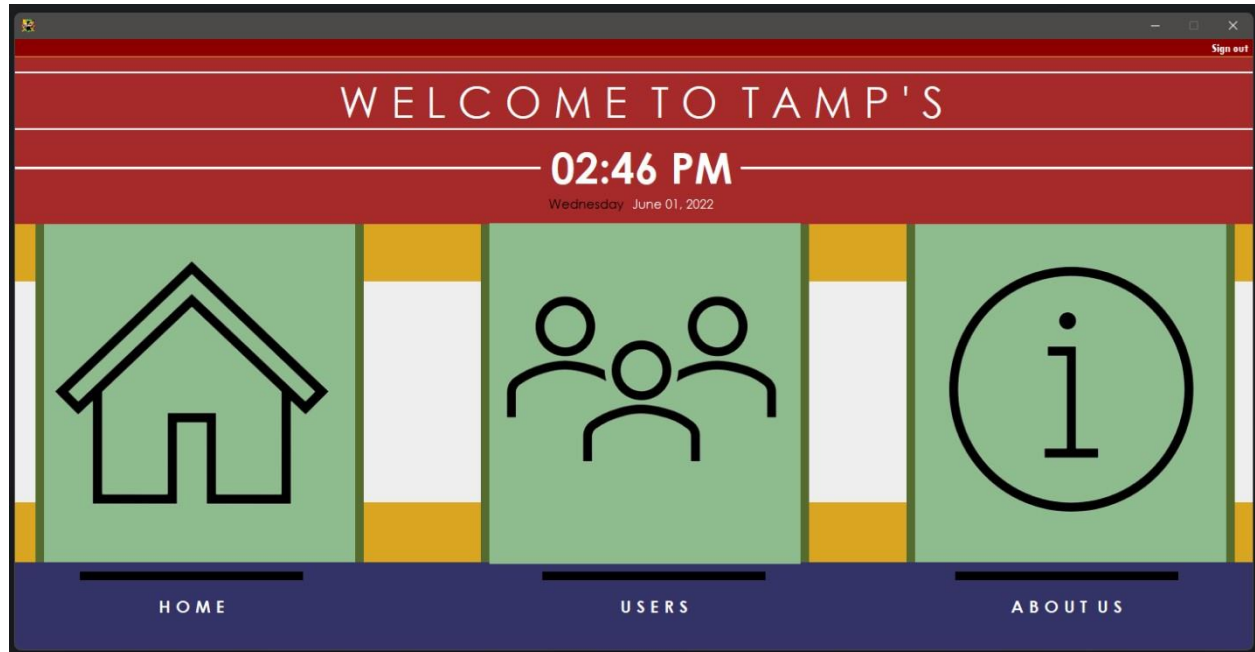
Login Page

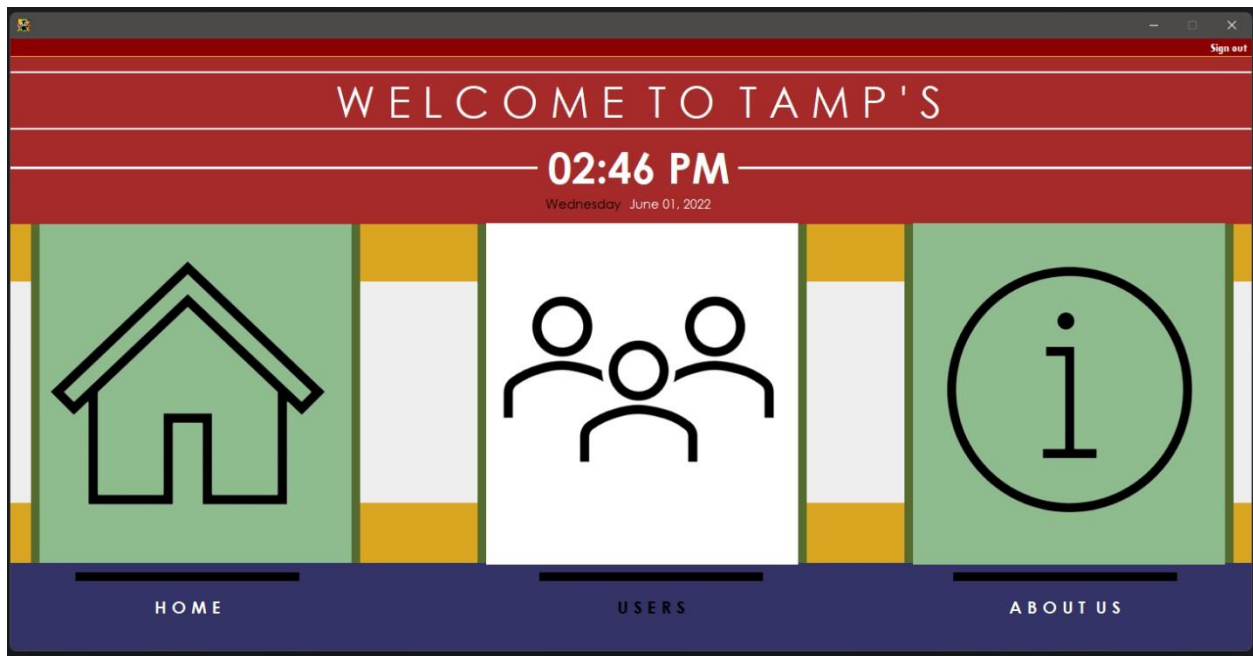
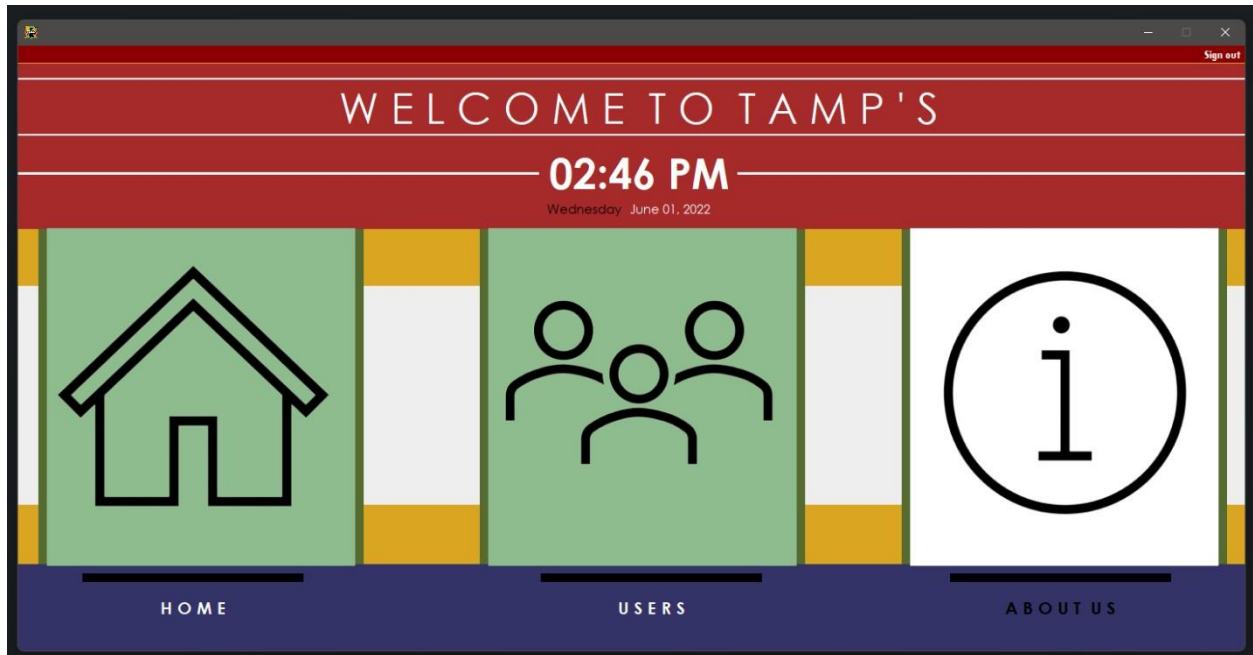






Category Page





Users Page

USERS PAGE

Back to home

Name	Email	Contact Number	Username	Password
------	-------	----------------	----------	----------

Please Fill Complete Information!

OK

Add User

Name

Contact Number:

Password

Email

Username

ADD

REMOVE

CLEAR

UPDATE

USERS PAGE

Back to home

Name	Email	Contact Number	Username	Password
------	-------	----------------	----------	----------

Add User

Name

Contact Number:

Password

Email

Username

ADD

REMOVE

CLEAR

UPDATE

Back to home

USERS PAGE

Name	Email	Contact Number	Username	Password
------	-------	----------------	----------	----------

Please Select a Row First!
OK

Add User

Name

Contact Number:

Password:

Email

Username

ADD

REMOVE

CLEAR

UPDATE

Back to home

USERS PAGE

Name	Email	Contact Number	Username	Password
nicole talinao	nickstalinao@gmail.com	9205009851	admin	admin123

Saved Successfully!
OK

Add User

Name

Contact Number:

Password:

Email

Username

ADD

REMOVE

CLEAR

UPDATE

Back to home

USERS PAGE

Name	Email	Contact Number	Username	Password
nicole talinao	tnickstalinao@gmail.com	9205009851	admin	admin123

Please Input Letters only!
OK

Add User

Name

Contact Number:

Password

Email

Username

ADD

REMOVE

CLEAR

UPDATE

Back to home

USERS PAGE

Name	Email	Contact Number	Username	Password
nicole talinao	tnickstalinao@gmail.com	9205009851	admin	admin123

Please Input Numbers only!
OK

Add User

Name

Contact Number:

Password

Email

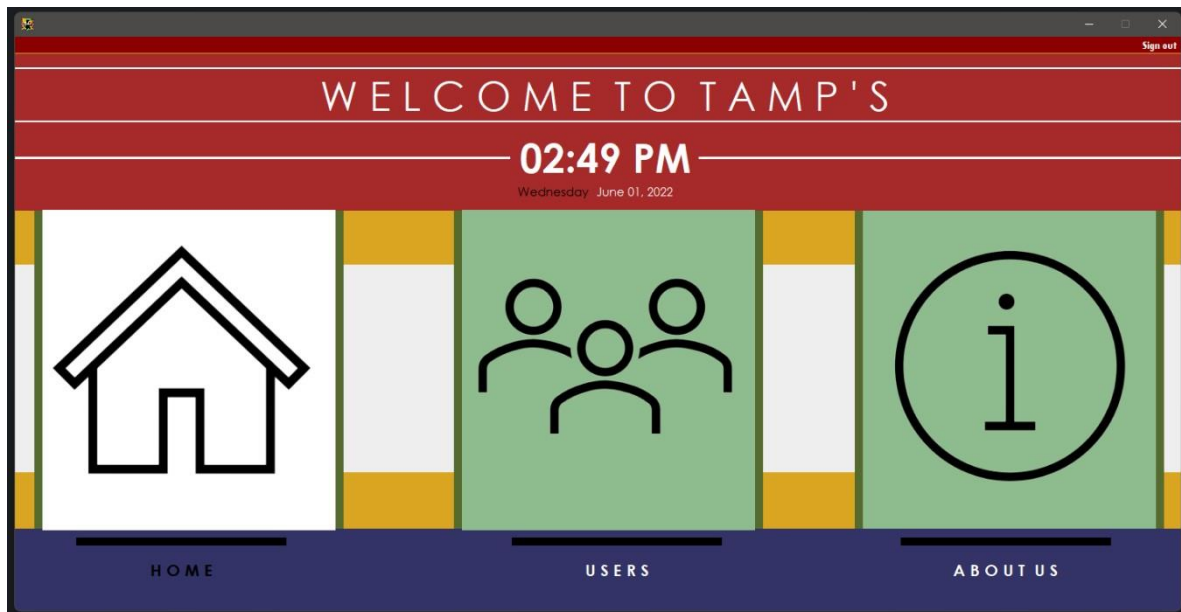
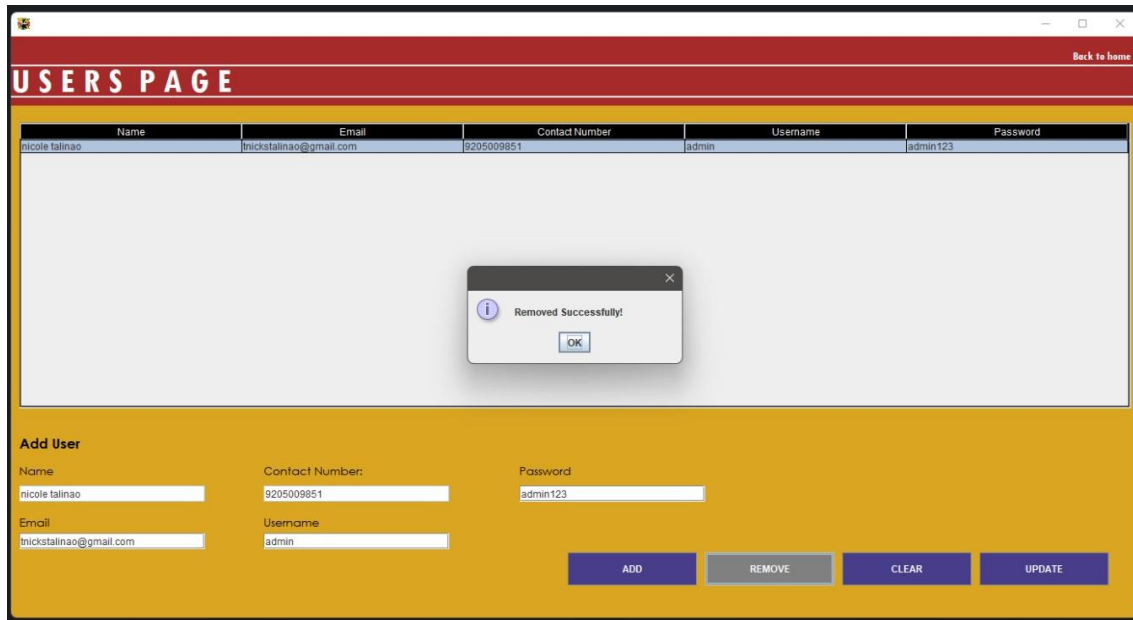
Username

ADD

REMOVE

CLEAR

UPDATE

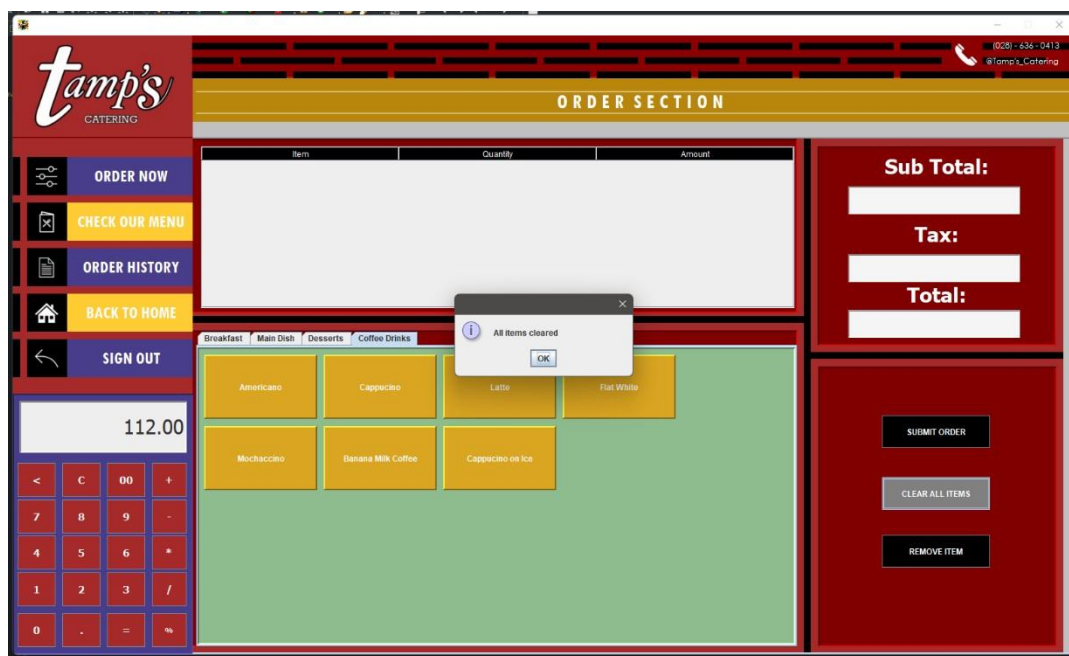
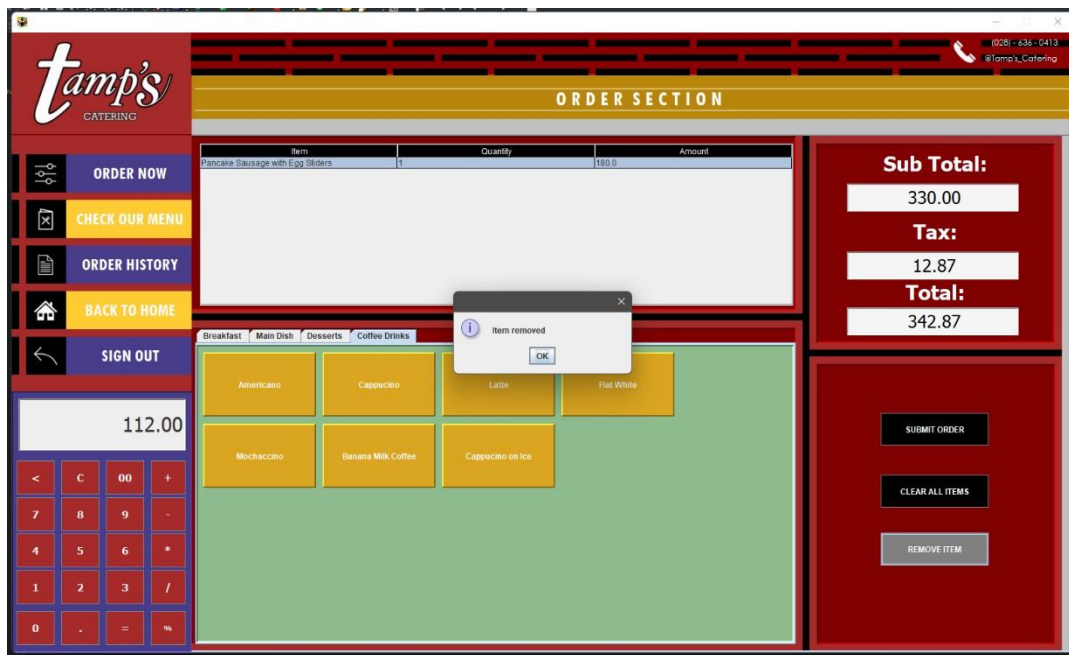


Menu Screen



Order Screen





Payment Screen

The screenshot shows the 'PAYMENT' screen of the Tamp's Catering application. A modal dialog box with a red 'X' icon and the text 'Please fill complete information!' is displayed over the main content area. The background form includes a table with headers: Name, Email, Contact Number, Address, Payment, Change, and Total. Below the table is the 'CUSTOMER'S DETAILS' section with input fields for Name, Email, Contact Number, and Address. To the right of these fields are dropdowns for 'Payment Method...' and 'Payment', and text boxes for 'Total' (showing 363.65) and 'Change'. At the bottom of the details section are buttons for 'SEE CHANGE' and 'ADD DETAILS'. On the left side of the screen is a sidebar with navigation links: ORDER NOW, CHECK OUR MENU, ORDER HISTORY, BACK TO HOME, and SIGN OUT, along with a calculator. The top right corner shows a phone icon, the number (028) - 636 - 0413, and the text @Tamp's_Catering.

Name	Email	Contact Number	Address	Payment	Change	Total
------	-------	----------------	---------	---------	--------	-------

CUSTOMER'S DETAILS

Name:

Email:

Contact Number:

Address:

Payment Method...:

Payment:

Total:

Change:

This screenshot shows the same 'PAYMENT' screen as above, but with the customer details redacted using red bars. The modal dialog box is no longer present. The layout, including the sidebar, table, and bottom buttons, remains the same.

Name	Email	Contact Number	Address	Payment	Change	Total
------	-------	----------------	---------	---------	--------	-------

CUSTOMER'S DETAILS

Name:

Email:

Contact Number:

Address:

Payment Method...:

Payment:

Total:

Change:

ORDER NOW

CHECK OUR MENU

ORDER HISTORY

BACK TO HOME

SIGN OUT

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT

CHANGE

TOTAL

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT METHOD

PAYMENT

TOTAL

CHANGE

SEE CHANGE

ADD DETAILS

PRINT RECEIPT

CONFIRM ORDER

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT METHOD

PAYMENT

TOTAL

CHANGE

SEE CHANGE

ADD DETAILS

PRINT RECEIPT

CONFIRM ORDER

ORDER NOW

CHECK OUR MENU

ORDER HISTORY

BACK TO HOME

SIGN OUT

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT

CHANGE

TOTAL

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT METHOD

PAYMENT

TOTAL

CHANGE

SEE CHANGE

ADD DETAILS

PRINT RECEIPT

CONFIRM ORDER

NAME

EMAIL

CONTACT NUMBER

ADDRESS

PAYMENT METHOD

PAYMENT

TOTAL

CHANGE

SEE CHANGE

ADD DETAILS

PRINT RECEIPT

CONFIRM ORDER

The screenshot displays the TAMP's CATERING web application interface. The top navigation bar includes a logo, a phone icon with the number (020) - 436 - 0413, and the email @Tamp1_Catering. The main content area is titled "PAYMENT" and features a table with columns: Name, Email, Contact Number, Address, Payment, Change, and Total. A modal dialog box is open in the center, displaying an error message: "Please input numbers only!" with an "OK" button. Below the payment table, there is a section for "CUSTOMER'S DETAILS" with input fields for Name, Email, Contact Number, and Address, and a dropdown for Payment Method. The bottom of the screen contains a calculator, a "PRINT RECEIPT" button, and a "CONFIRM ORDER" button.

TAMP's CATERING

(020) - 436 - 0413
@Tamp1_Catering

PAYMENT

Name	Email	Contact Number	Address	Payment	Change	Total
------	-------	----------------	---------	---------	--------	-------

Please input numbers only!

OK

CUSTOMER'S DETAILS

Name:

Payment Metho...:

Email:

Payment:

Total:

Contact Number:

Change:

Address:

SEE CHANGE

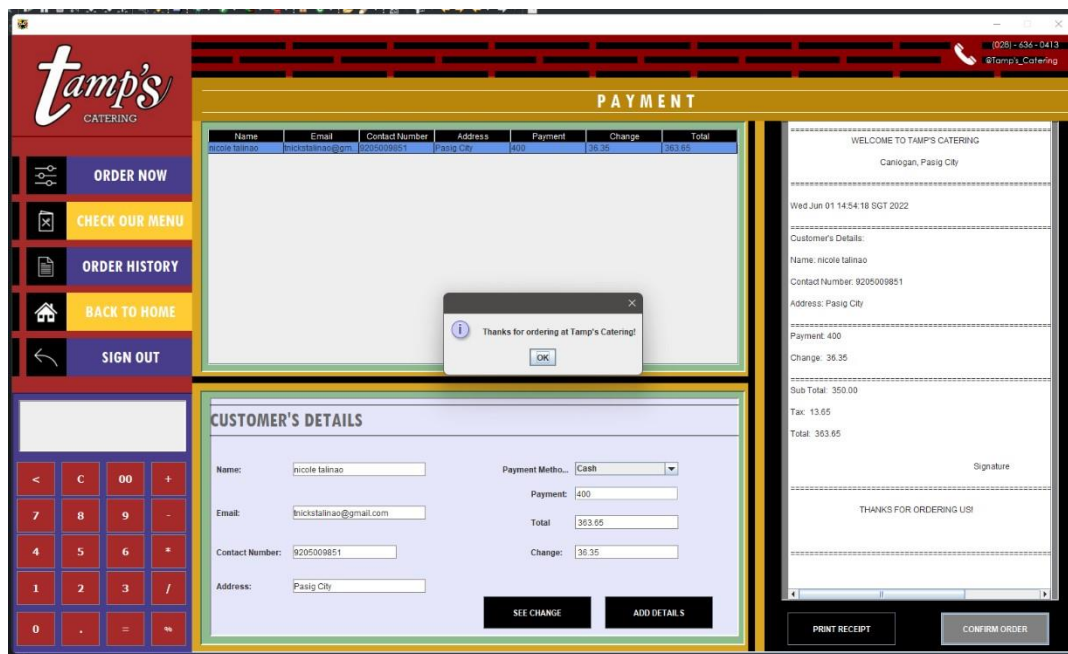
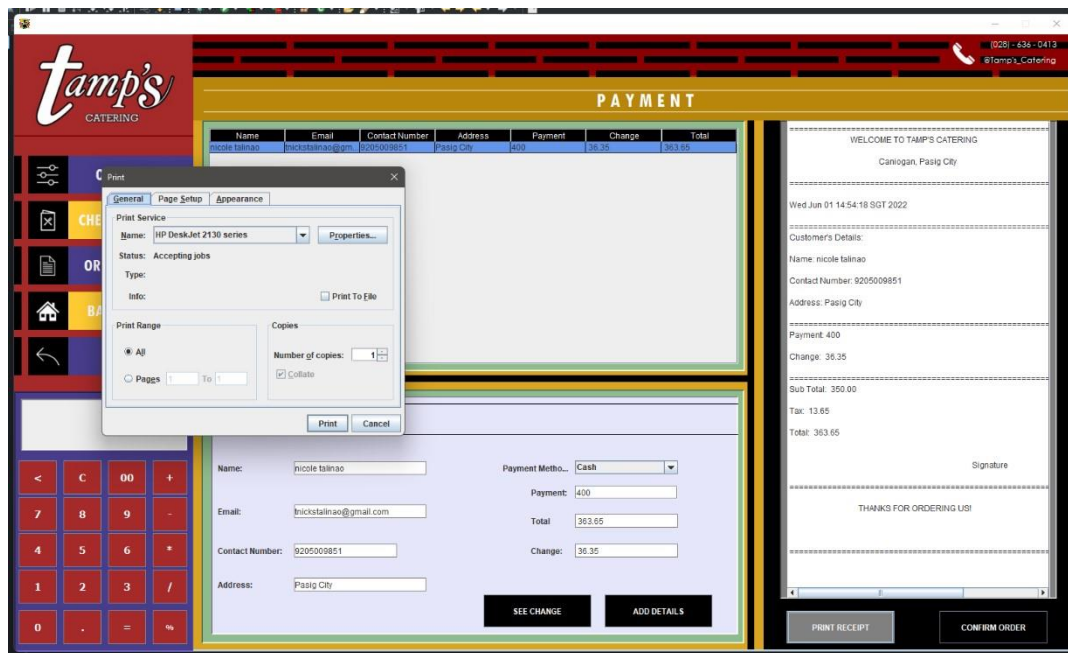
ADD DETAILS

PRINT RECEIPT

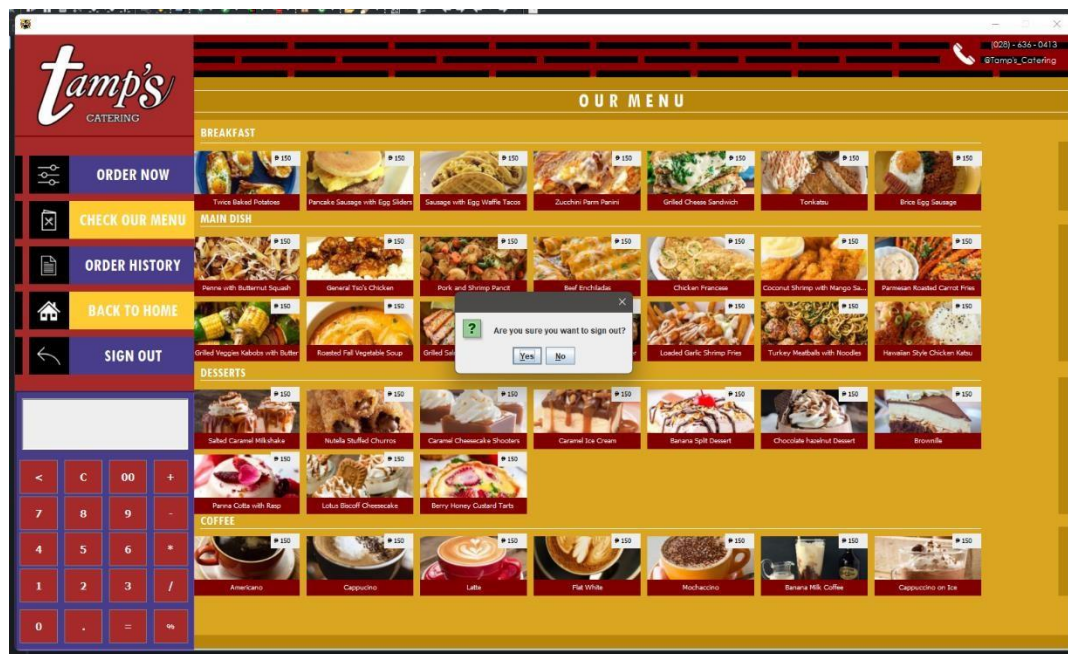
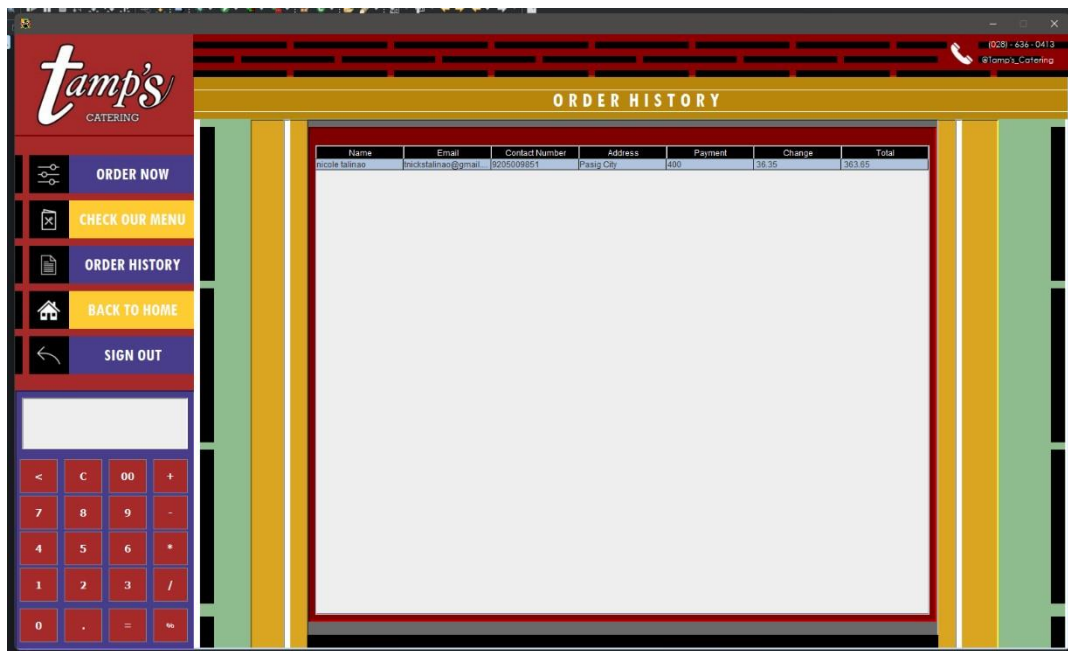
CONFIRM ORDER

Calculator: < C 00 + 7 8 9 - 4 5 6 * 1 2 3 / 0 . = %

[illegible]



Order History



System Requirements

- Personal Computer (hardware)
- 2.57 MB for the software.
- Printer (any compatible printer to the device)
- Eclipse Java IDE (software)

PART IV

Resume

(Please proceed to the following page)



NICOLE TALINAO

19B Kapitan Ato, Sta. Cruz, Pasig City
09205009851
tnickstalinao@gmail.com

PERSONAL BACKGROUND

Hi, I am a student and an athlete at the same time. Technology interests me, as how I give importance on deciding what's the best for me. My objective is to develop my skills and understanding to improve my personality in my future career.

PERSONAL INFORMATION

Birthday: October 27, 2004
Age: 17
Sex: Female
Height: 5' 4 (162cm)
Weight: 51kg
Religion: Roman Catholic

EXPERIENCE

- Making Websites and Applications via Java Eclipse, Sublime and Visual Basic Software
- JDVP Training (CSS)

MEDIA ACCOUNTS

Facebook: Nicole Talinao
Instagram: @mgyncl_
Twitter: @miigowlle

CAREER OBJECTIVES

- To become associated with a company where I can operate my skills and achieve additional knowledge.
- To enhance my ability to conduct and to improve my communication skills.

PREVIOUS EDUCATION

SENIOR HIGH SCHOOL

Rizal High School

Dr. Sixto Antonio Ave. Caniogan, Pasig City
Information and Communications Technology (ICT)

JUNIOR HIGH SCHOOL

Rizal High School

Dr. Sixto Antonio Ave. Caniogan, Pasig City

ELEMENTARY SCHOOL

Pasig Central Elementary School

Caruncho Ave. San Nicolas, Pasig City

PERSONAL SKILLS

- Has knowledge about Java
- Has knowledge about designing websites and applications
- Can speak both English and Filipino
- Has knowledge about CSS
- Has knowledge in terms of organizing
- Know how to manage time
- Can do multitasking
- Has knowledge about HTML