

ព្រះរាជាណាចក្រកម្ពុជា

ជាតិ សាសនា ព្រះមហាក្សត្រ

វិទ្យាស្ថានបច្ចេកវិទ្យាកម្ពុជា

Institute Technology of Cambodia



កិច្ចការស្រាវជ្រាវ: បង្កើតកម្មវិធី

ដឹកនាំដោយសាស្ត្រាចារ្យ: ចាន់ សុផល

មុខវិជ្ជា: Data Structure and Programming 1

រៀបរាងដោយនិស្សិតឆ្នាំទី២នៃដេប៉ាតឺម៉ង់AMS-1

Group name: **The 4**

Project: **Coffee shop management**

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Team members: 1. Kheng Dalish (e20200909)

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I. Introduction

Coffee shop is a very popular place for people, especially for workers and students. They can enjoy doing their work with a nice environment of the shop and also have a tasty delicious coffee at the same time. By concerning those lovely people, our team has decided to create a program which provided the convenience to all customers and also shop manager.



II. Why do we decide to choose this project?

Beside from workplace and school, most people always try to find a nice quiet place to continue their work or study. People also choose a coffee shop as a meeting place for spending or talking about business. There are some problems that consumers need to deal with whenever they enter a coffee shop. The managing system can also give an unpleasant feeling to them, not only customers but it is also hard for shop managers to manage the products and also set a good service for their customer. Business can run easily if the managing system is easy to understand and control. That is the reason why we decided to choose this program. We want to make both customers and shop managers a standard and simple system to use as convenient as possible.



III. Things to be expected from this program

- There are 2 main options: User is a customer or a shop manager.
- If user is a customer:
 - Show a menu of the coffee shop
 - Can order as much as you want
 - Pay by cash, bank card or earning point
 - Discount on beverage or food in some cases
 - Show you a total price with a receipt
 - Can order to your input location
- If user is a shop manager:
 - Log in as an admin (Username and Password)
 - Set beverages and food on the menu
 - View information of employees (name, age, salary, ID, position,....)
 - View the quantities of the beverages and foods
 - Preview the orders

IV. Resources to make this program

IDE: CodeBlocks, Dev c++ and CLion.

V. Time of making

Our team has started this project since December 2021. We expect to finish it around the end of January 2022.

VI. Conclusion

To sum up, our team decide to create this program in order to help people who like to run a business about coffee shop to get a nice and convenient system to control the order and store some important data. In addition, we also try our best to provide a simple and secure system for costumer to order by not making them confused.