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| **Order Food Application:**  **Happy Lunch** | |
| Version 1.0 | |
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| Author: | Group 65 |

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| HCMUT, May 2019 |

**Document History**

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| **Date** | **Version** | **Changes** | **Changed by** |
| Apr 3rd, 2019 | 1.0 | Initial Proposal | Group 65 |
| Apr 30rd, 2019 | 2.0 | Add some features |
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# Introduction

This document presents basically how Happy Lunch works, to be applied at Circle K convinience store system as a solution of waiting queue problem.

The application will help customers (especially student of HCMUT) reduce significantly the waiting time when they want to buy product from the stores at peak time.

# System Vision

The proposed Happy lunch is given in Figure 1.

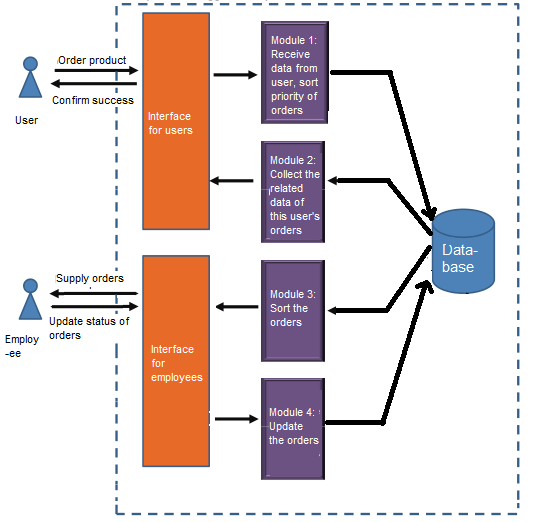


Figure 1 – The Happy Lunch System

As described in Figure 1, the Happy Lunch System consists of four major modules as follows:

- *Module* 1*:* It receives data from users, sort the data to make the data easier to use before add them into main database.

- *Module* 2: It collects the data from database which required for the current user.

- *Module* 3*:* It collects the data from database to show to the employees. Now the data got is sorted, the employees could prepare the products for the next serve.

- *Module 4:* It allows the employees to modify the status of the products. Then, after confirming, it update directly into the main database to make the change of the database.

# Current Status

Currently, the interface of our application is basically completed, included both the user interface and the employee interface. All 4 modules have almost been finished.

The database has some small problems which leads to the improperly working which will be repaired soon.

# Suggested Solutions

We will repair the problem with database and make the database work properly.

On the other hand, we also continue to improve both interfaces to provide user a friendly, easy-to-use and intuitive interface.

During the project development, monthly meetings will be organized by all members to review, evaluate and adjust the directions if needed.

# Conclusion and Future Work

In this proposal, we propose an solution to the waiting queue problem of Circle K through Happy Lunch app. Such application can help users benefit from not only more productive operations but also save thier precious time. In the near future, we are looking forward to collaborating with Circle K to make this proposal practical.