HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

School of Information and Communications Technology

Software Requirement Specification

Version 1.0

ShopeeFood Clone (SFC)

Subject: Management of Software Development

Group 05

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# Introduction

## Purpose

This document presents the detailed descriptions for the ShopeeFood Clone (SFC) application, user group and their usable function at run time. This document also describes the objectives and features of the system, interfaces, and constraints of the system in response to external action.

## Scope

This software aims to stimulate the food delivery system for buyers, store owners as well as drivers. This application will be designed to maximize sellers’ productivity and buyers’ experience by providing tools to assist in displaying dishes and ordering process. By maximizing the work efficiency and production, the application will meet the user needs while remaining easy to understand and use.

More specifically, this software allows store owners to manage their products and orders from the buyers. Buyers will be able to look through every store and place the food order with the help of filtering and sorting tools. They can also register to the website and manage their personal information, observe their ordering history, and favourite stores. Detail statistics will be available for both buyers and sellers corresponding to their roles. The software will facilitate communication between store owners and buyers via feedback and review as well as between buyers and buyers through the group order function. As for drivers, they can receive the delivery orders from sellers and update the status of those orders.

## Definition, acronyms, and abbreviations

**A.**

*Actor:* Users or other systems / programs interacting and exchanging information with the main system / program externally.

**B.**

**C.**

**D.**

**E.**

**F.**

**G.**

**H.  
I.**

**J.**

**K.**

**L.**

**M.**

**N.**

**O.**

**P.**

**Q.**

**R.**

**S.**

*System*: a hardware or software system, or combination, which has components as its structure and observable share data as its behavior

**T.**

**U.**

**V.**

**W.**

**X.**

**Y.**

**Z**.

## References

IEEE. *IEEE Std 830–1998 IEEE Recommended Practice for Software Requirements Specifications.* IEEE Computer Society, 1998.

## Overview of the Document

This document provides a description of the requirements for the SFC application.

For the next section of this document, the Overall Description, it gives an overview of the functionality of the product. It describes the informal requirements and is used to establish a context for the technical requirements specification in the next chapter.

The third section, Specific Requirements, of this document is written primarily for the developers and describes in technical terms the details of the functionality of the product including interfaces, features, and specific requirements.

# Overall Description

## Product perspective

## Product functions

### For the buyers

The buyers can look for the products they want with the search bar. They can also use filter to group the products by category or location as well as sort them by price or sales.

The information of the food stores such as contact details, sale statistic, and reviews, will be available for all buyers.

Buyers will be able register to the website and manage their basic information, the detail history of their orders, and their favourite stores.

As for ordering dishes, buyers can observe the status of their placed orders, apply voucher to orders, write product review or make a group order.

### For sellers

A seller will be able to manage the dishes in his/her own store and control the orders from customers as they can change the order status.

### For the delivery drivers

The drivers can receive and accept delivery orders from store owners. When finishing the delivery, they will have to update the status of the order.

## User characteristics

Basic knowledge of using computers is adequate to use this application. Knowledge of how to use a mouse or keyboard and internet browser is necessary. The user interface will be friendly enough to guide the user.

## General constraints

Access to Internet is required.

## Assumptions and dependencies

Some test data will be used for providing the demonstration of the application. It is assumed that the user is familiar with an internet browser and familiar with handling the keyboard and mouse.

Since the application is a web-based application, there is a need for the internet browser. It will be assumed that the users will possess decent internet connectivity.

# Specific Requirements