Food Management System

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <24/12/2020> | <1.1> | Final Draft | Nguyen Thi Ngoc Anh |

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# Introduction

## Purpose

This document describes how the Order Product Use-Case is realized within the design model, in terms of collaborating objects.

## Scope

This document applies to the Food Management System which will be developed by TAT Restaurant.

## Definitions, Acronyms, and Abbreviations

None.

## References

None.

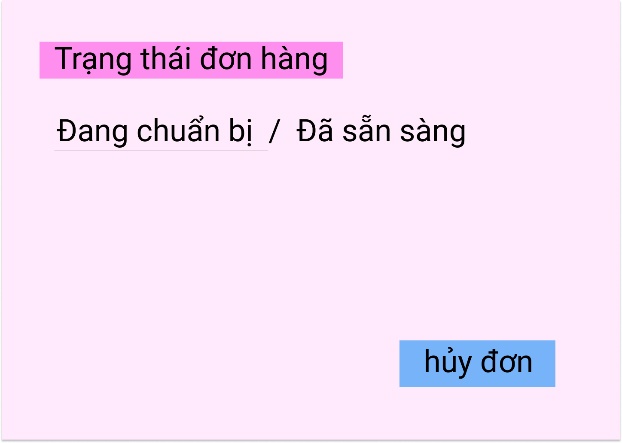
## Overview

In the following section, Use-Case Realization Specification of the Order Product Use-Case of the Food Management System is provided in detail. The first section is a textual description of the Use-Case specification. The following section contains diagrams (sequence and collaboration diagrams) describing how the use case is realized in terms of collaborating objects. The third section includes class diagrams with relationships that participate in the realization of the use case. The last section is an analysis of all requirements, such as non-functional requirements, on the use-case realization that are not considered in the design model, but that need to be taken care of during implementation.

# Flow of Events—Design

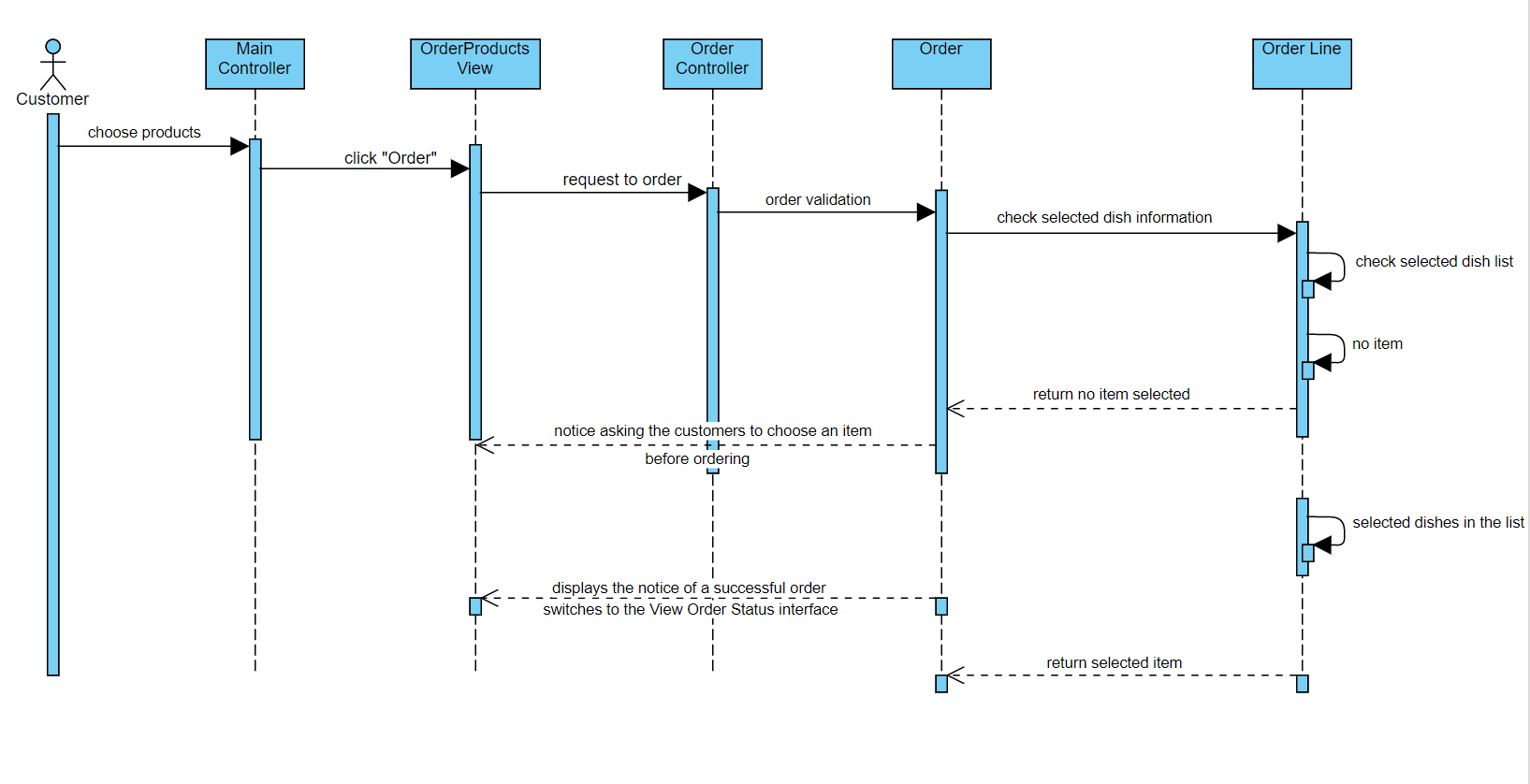
**2.1. Use Case Specification (script)**

|  |  |
| --- | --- |
| **Use Case** | Order Product |
| **Description** | A customer order product(s) online through the system |
| **Actor(s)** | Customer |
| **Flows of Events** |  |
| **Basic Flow** | |
| 1. The user adds products to order items list (cart).  2. The user goes to order products page.  3. The user enters their information.  4. The system validates information saves the ordered information to database. | |
| **Alternative Flows** | |
| **Title** | **Description** |
| Invalid Information Entered | 1. User enter invalid information.  2. System displays information with appropriate message to correct invalid information. |
| **Pre-conditions** | |
| The user is in display products page. | |
| **Post-conditions** | |
| **Title** | **Description** |
| Success | The user receives the ordered item. |
| Failure | The user is unable to orders for one or more reasons and is returned to display products page. |
| **Extension Points** | |
| None. | |

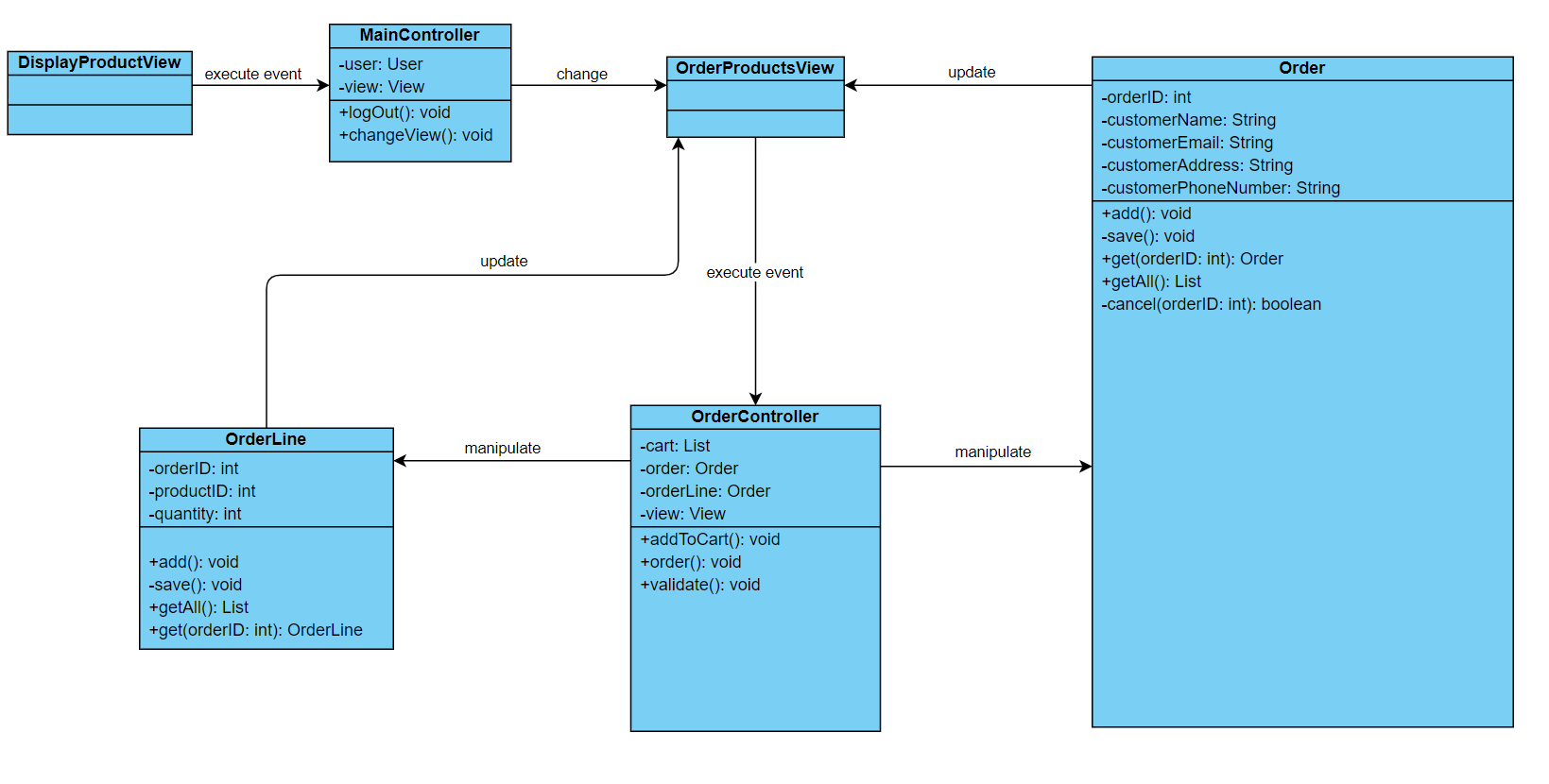
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Order successfully

**2.2. Sequence Diagram:**



**2.3. Class Diagram:**



# Derived Requirements

None.