Food Management System

Version <1.0>

Revision History

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

Table of Contents

1. Introduction 2

1.1 Purpose 2

1.2 Scope 2

1.3 Definitions, Acronyms, and Abbreviations 2

1.4 References 2

1.5 Overview 2

2. Flow of Events—Design 2

3. Derived Requirements 2

# Introduction

## Purpose

This document describes how the Delete 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.

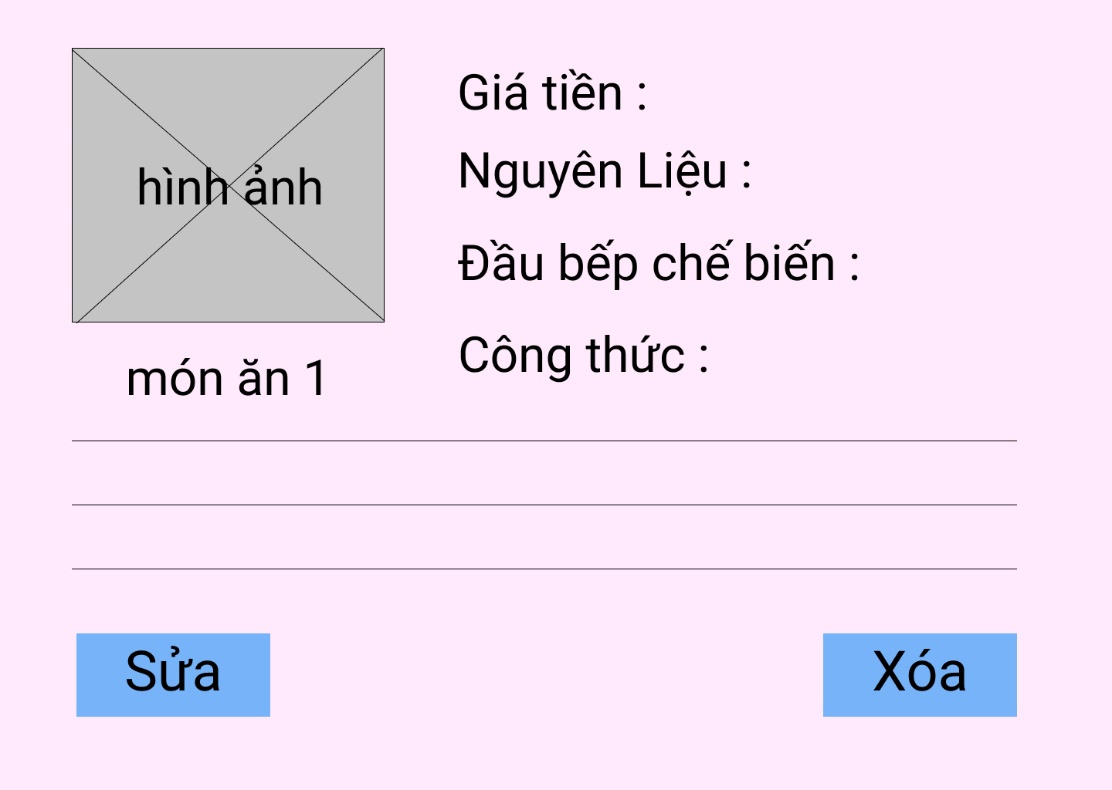
## Overview

In the following section, Use-Case Realization Specification of the Delete 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

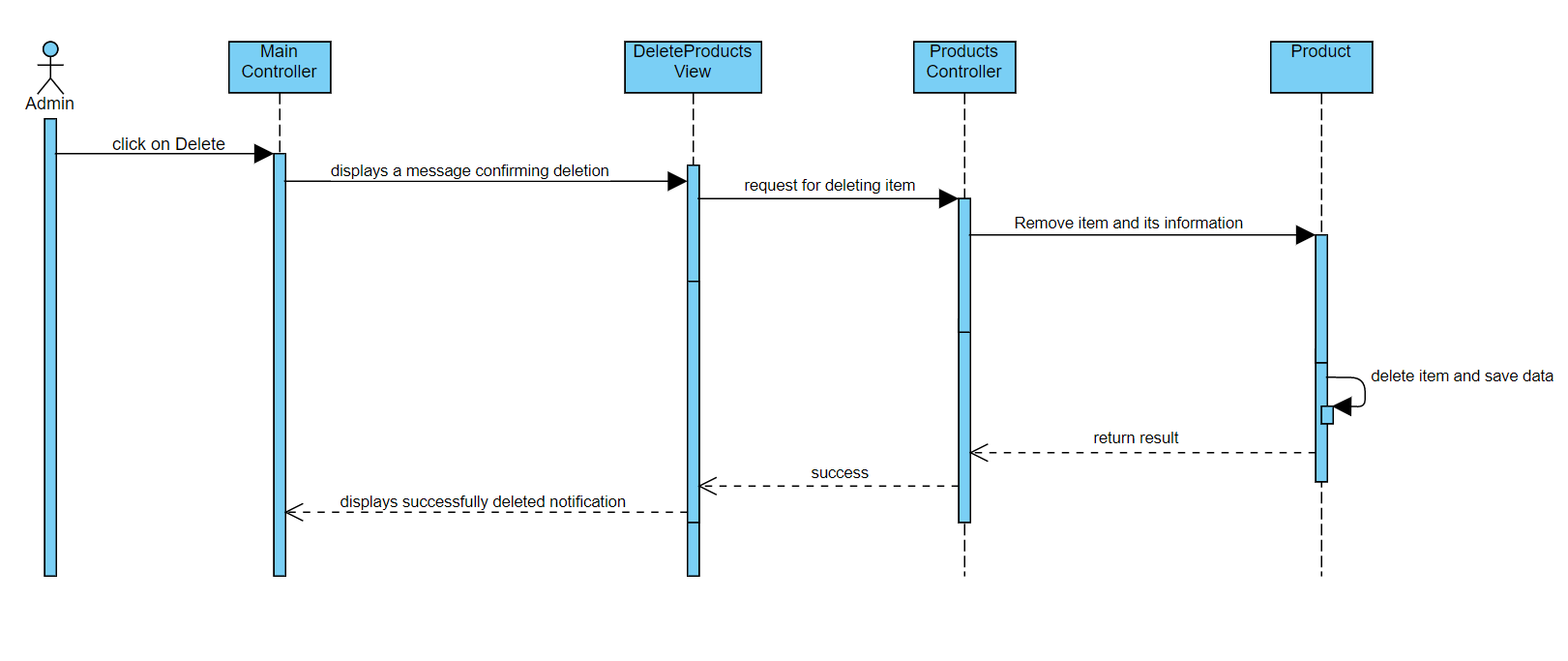
**2.1. Use Case Specification (script)**

|  |  |
| --- | --- |
| **Use Case** | Delete Product |
| **Description** | Admin delete product(s) from the database |
| **Actor(s)** | Admin |
| **Flows of Events** |  |
| **Basic Flow** | |
| 1. The user goes to delete product page.  2. The user selects product(s) to be deleted.  3. The system delete the selected product(s) from database. | |
| **Alternative Flows** | |
| None. | |
| **Pre-conditions** | |
| The user is logged in. | |
| **Post-conditions** | |
| **Title** | **Description** |
| Success | Success message is prompted and the selected product(s) is deleted from database. |
| Failure | The user is unable to delete existing product(s) in database for one or more reasons and an error is prompt. |
| **Extension Points** | |
| None. | |

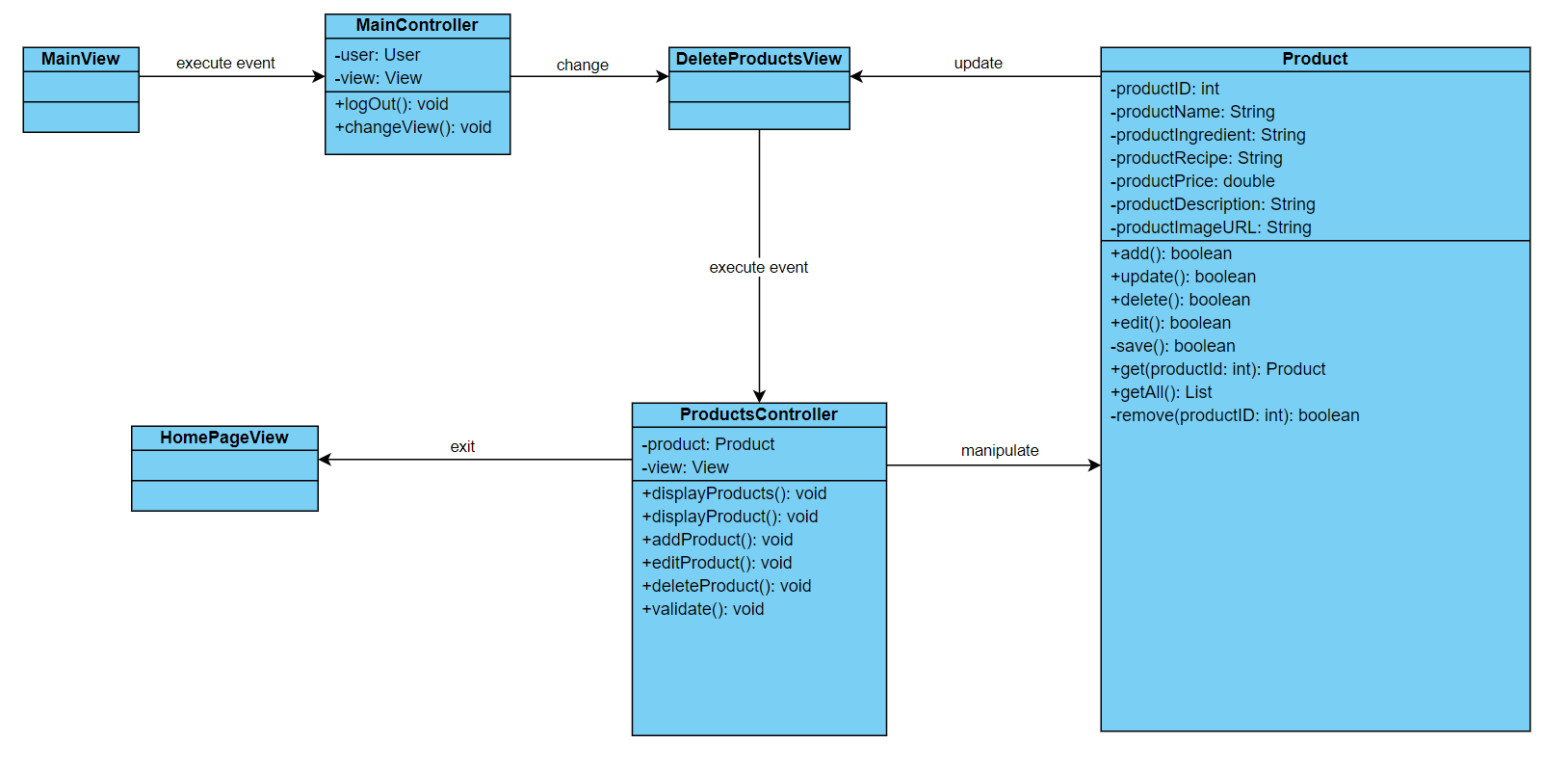
****

Interface Edit / Delete

**2.2. Sequence Diagram:**



**2.3. Class Diagram:**



# Derived Requirements

None.