

**Computer Shop Management System  
Use-Case-Realization Specification: Order Computers**

Version 1.0

Computer Shop Management System	Version: 1.0
Use-Case-Realization Specification: <Use-Case Name>Order Computers	Issue Date: 03/01/2018

## Revision History

Date	Version	Description	Author
03/01/2018	1.0	Final Draft.	Nguyễn Thị Hiền

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# Use-Case-Realization Specification: Order Computers

## 1. Introduction

### 1.1 Purpose

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

### 1.2 Scope

This document applies to the Computer Shop Management System which will be developed by Group 4C-15.

### 1.3 Definitions, Acronyms, and Abbreviations

User – a person who use the system, can be customer or employee.

Employee – a person who work for the computer shop.

Guest – a user who is not logged in the system.

### 1.4 References

None.

### 1.5 Overview

In the following section, Use-Case Realization Specification of the Order Computers Use-Case of the Computer Shop 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.

## 2. Use-Case Specification



<b>Name</b>	Order Computers
<b>Brief Description</b>	A customer order computer(s) online through the system
<b>Actor(s)</b>	Customer
<b>Flow of Events</b>	
<b>Basic Flow</b>	<ol style="list-style-type: none"> <li>1. The user adds computers to order items list (cart).</li> <li>2. The user goes to order computers page.</li> <li>3. The system prompts user for information: name, email, address, etc.</li> <li>4. The user enters their information.</li> <li>5. The system validates information.</li> <li>6. The system prompts the user to confirm order.</li> <li>7. The system saves the ordered information to database.</li> <li>8. The system notifies an employee to deliver the ordered items to user</li> </ol>

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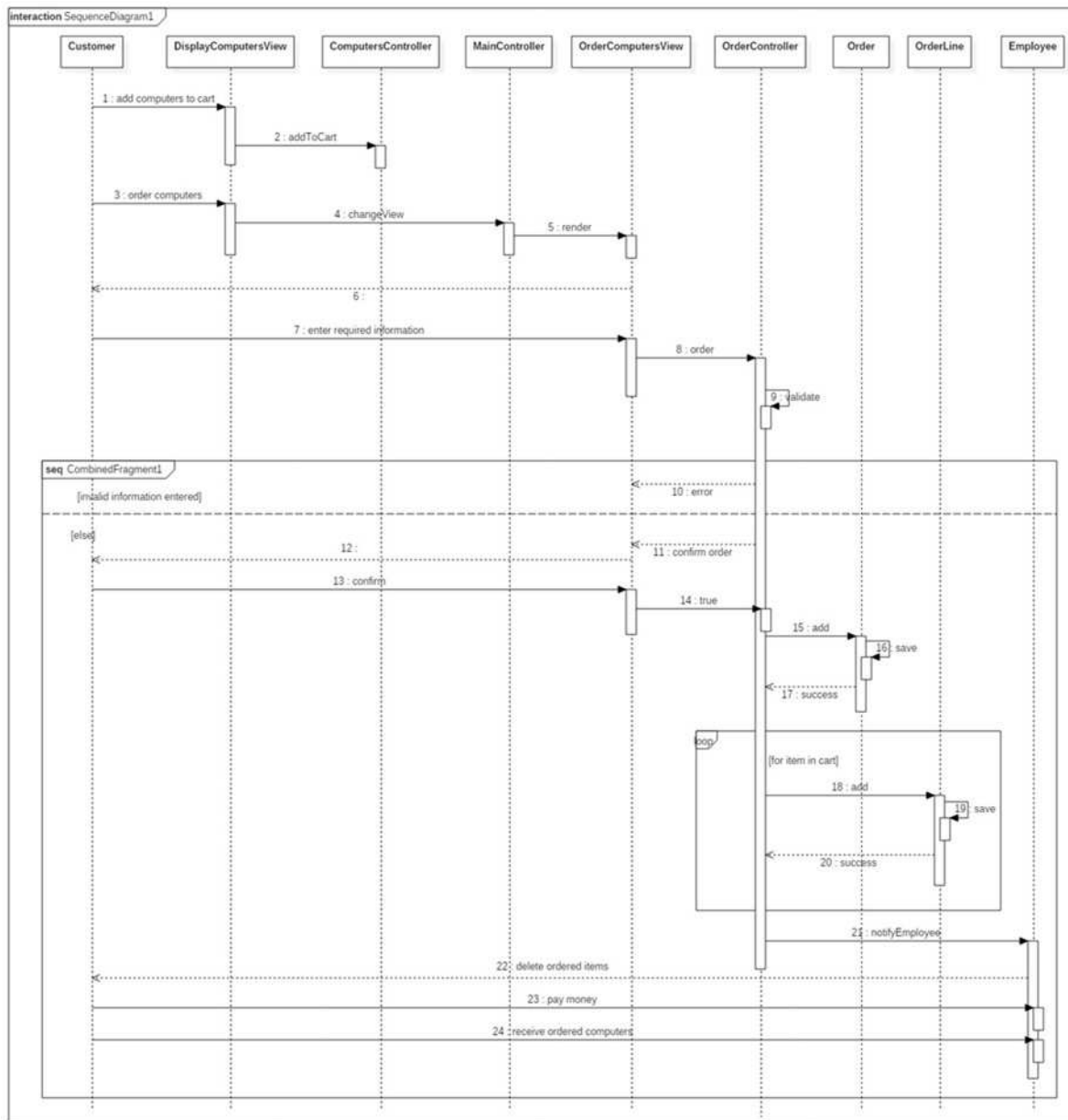
9. The employee delivers the ordered items to the user at specified address.	
10. The user pays money.	
<b>Alternative Flows</b>	
<b>Title</b>	<b>Description</b>
Invalid Information Entered	1.User enter invalid information. 2.System displays information with appropriate message to correct invalid information.
<b>Pre-Conditions</b>	
The user is in display computers page or display computer page.	
<b>Post-Conditions</b>	
<b>Title</b>	<b>Description</b>
Success	The user receives the ordered item.
Failure	The user is unable to orders for one or more reasons and is returned to display computers page.
<b>Extension Points</b>	
None.	

### 3. Interaction Diagrams

Sequence Diagram:

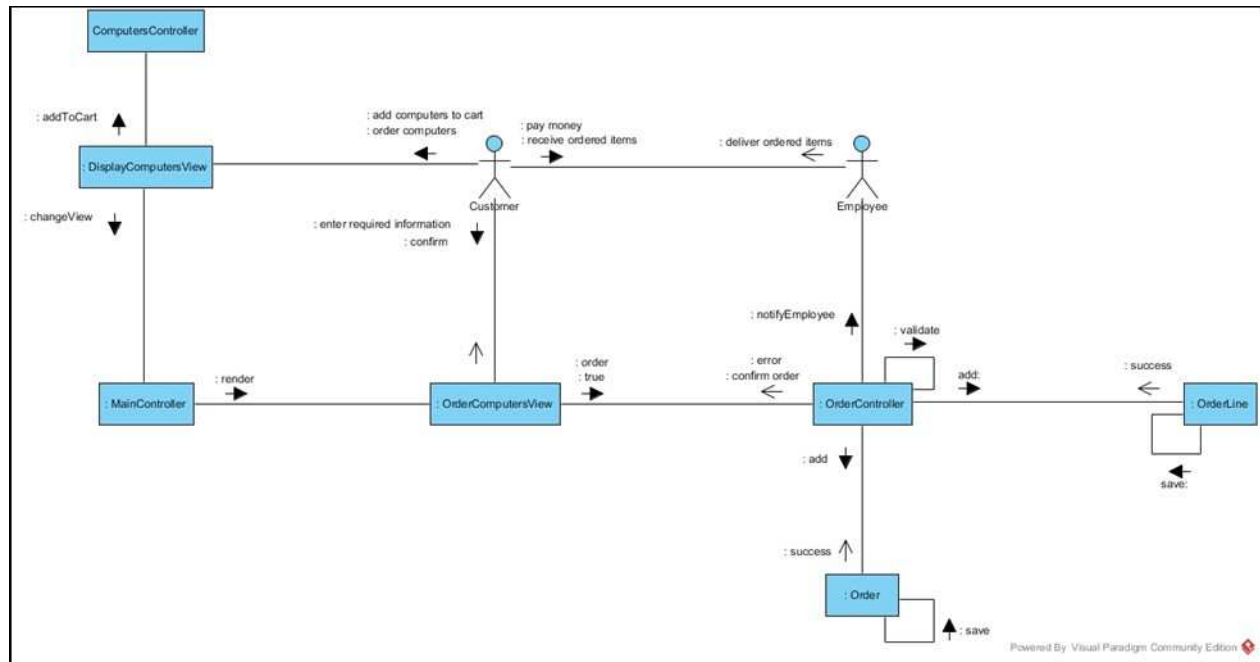


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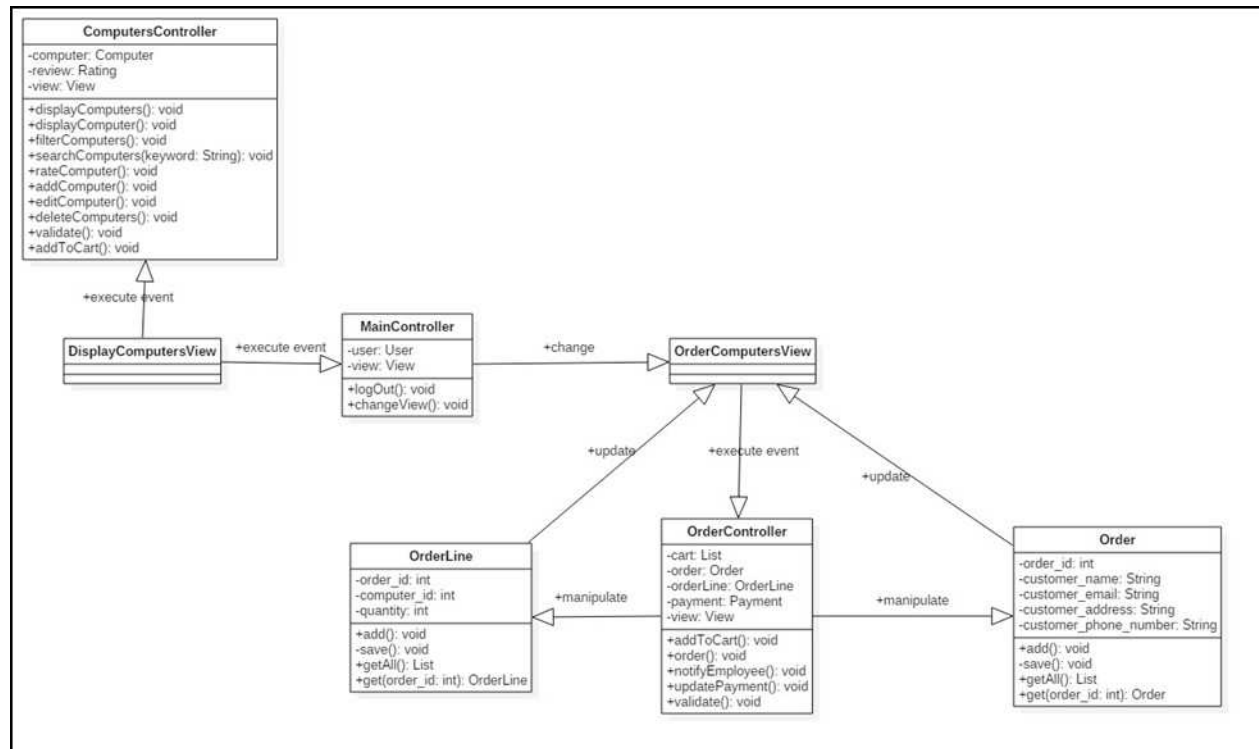


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### Collaboration Diagram:



## 4. Class Diagrams





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## 5. **Derived Requirements**

None.