

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

Version 1.0

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| Computer Shop Management System | Version: 1.0 |
| Use-Case-Realization Specification: <Use-Case Name>Find 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: Find Computers

1. Introduction

1.1 Purpose

This document describes how the Find 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.

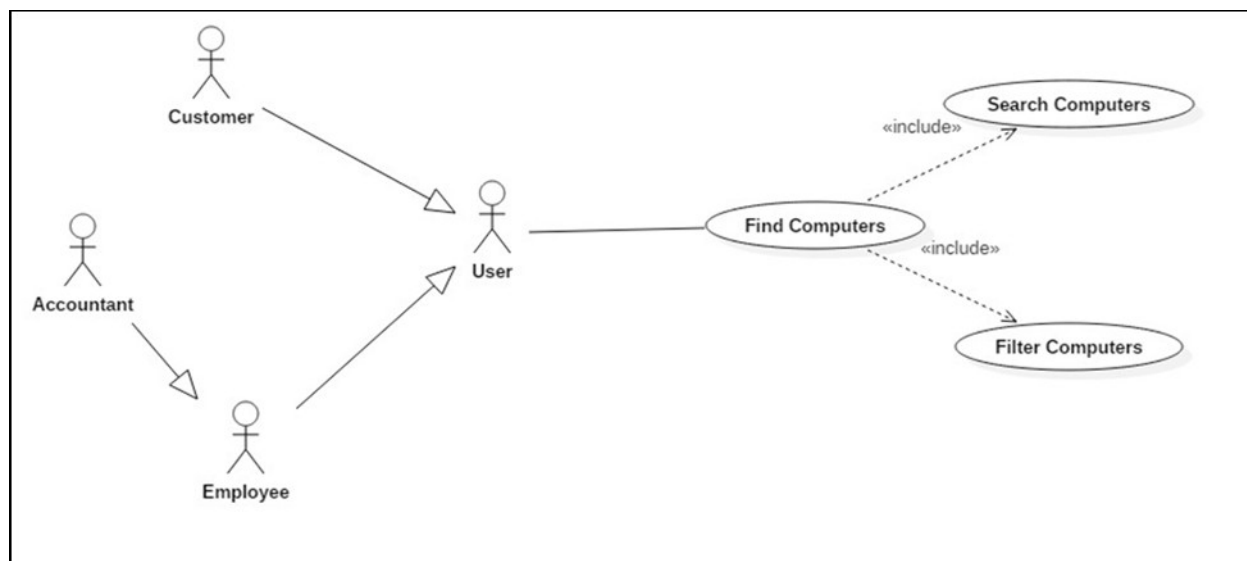
1.4 References

None.

1.5 Overview

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



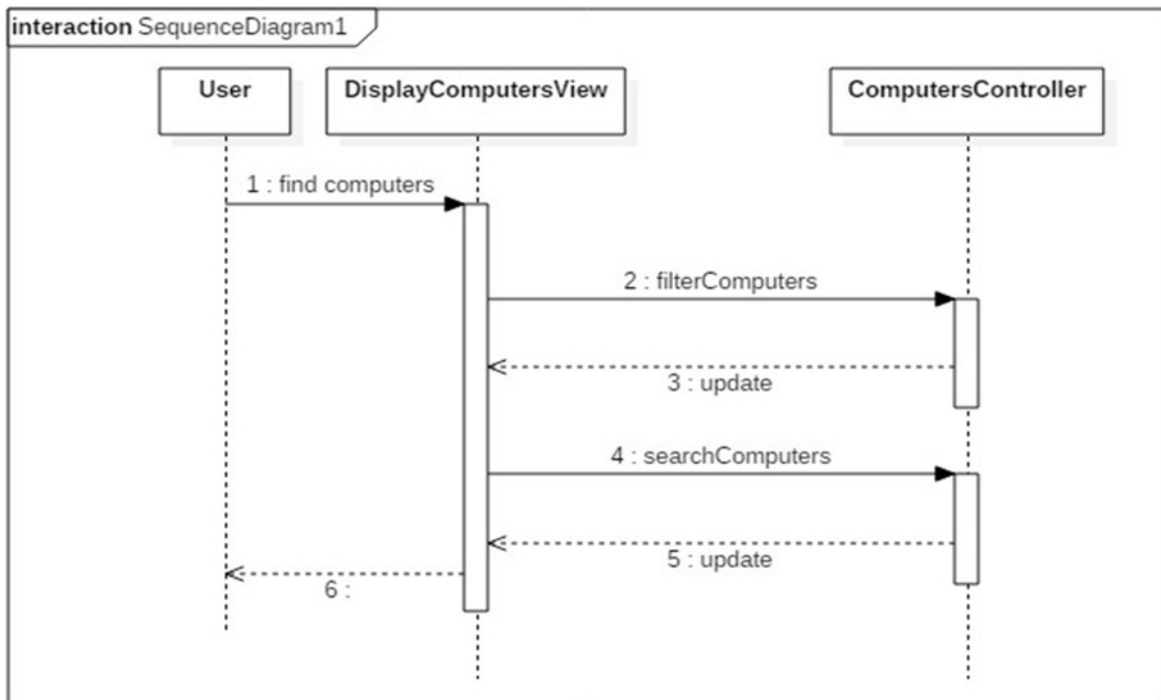
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|------|----------------|
| Name | Find Computers |
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|--|--|
| Brief Description | A user displays computers based on search and/or filtering options |
| Actor(s) | User |
| Flow of Events | |
| Basic Flow | |
| 1. The user types in search keyword and/or select one or more filtering options. | |
| 2. The system displays all computers in database that match input information of user. | |
| Alternate Flows | |
| None. | |
| Pre-Conditions | |
| The user is in display computers page. | |
| Post-Conditions | |
| All computers that match input information of user is displayed. | |
| Extension Points | |
| None. | |

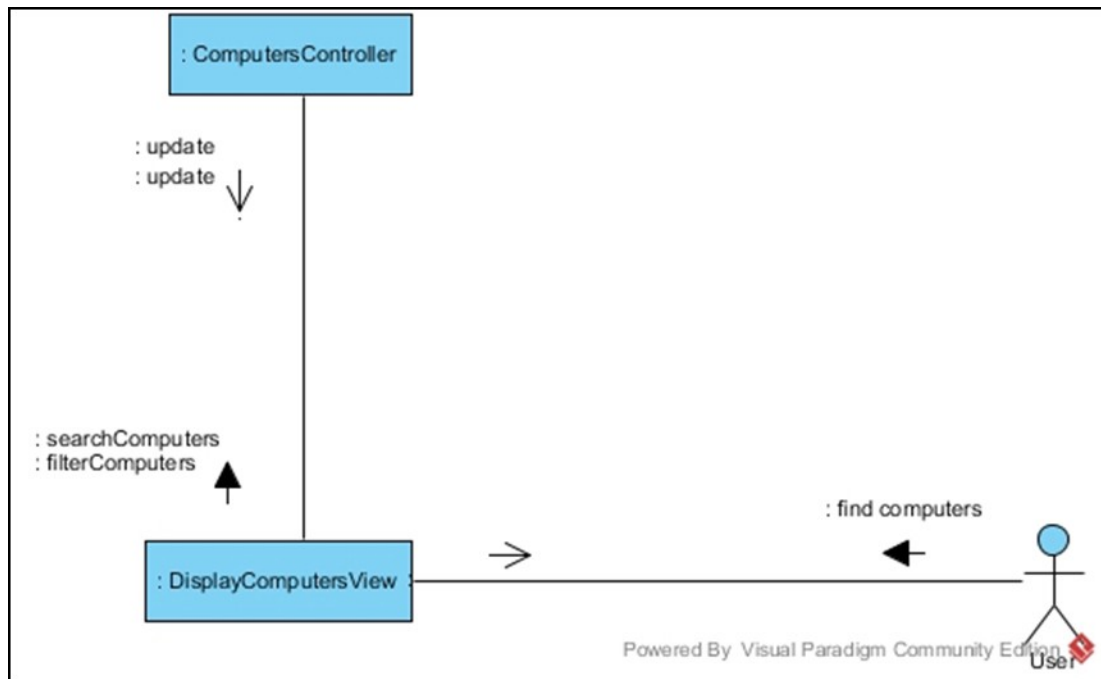
3. Interaction Diagrams

Sequence Diagram:

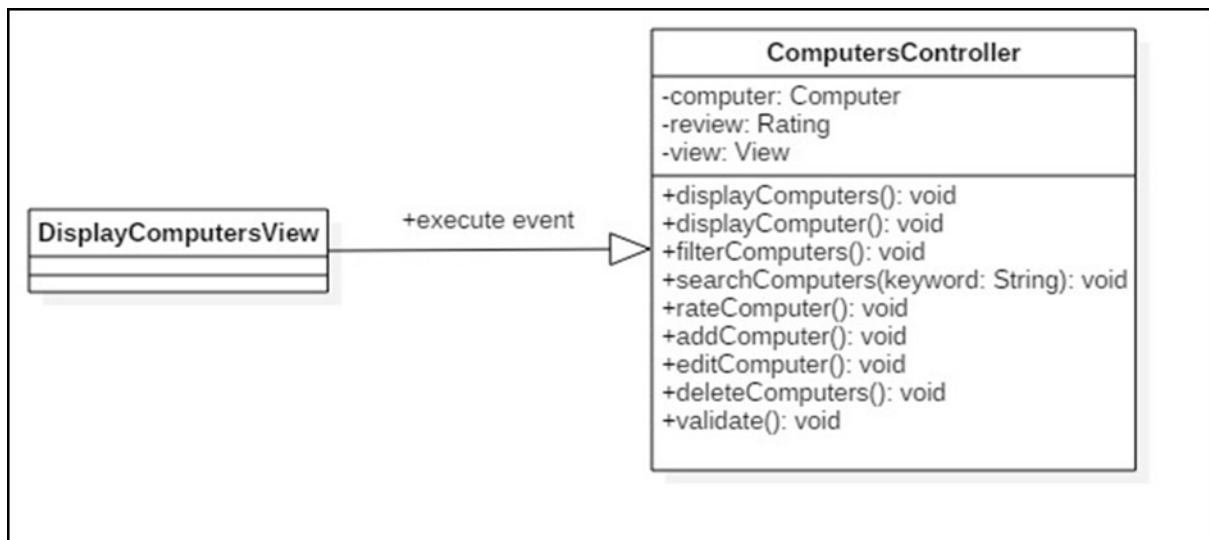


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Collaboration Diagram:



4. Class Diagrams



5. Derived Requirements

None.