Group...Class 4C-15

Computer Shop Management System
Use-Case-Realization Specification: Add Computers

Version 1.0

Revision History

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

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Use-Case-Realization Specification: Add Computers

1. Introduction

1.1 Purpose

This document describes how the Add 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... Class 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.

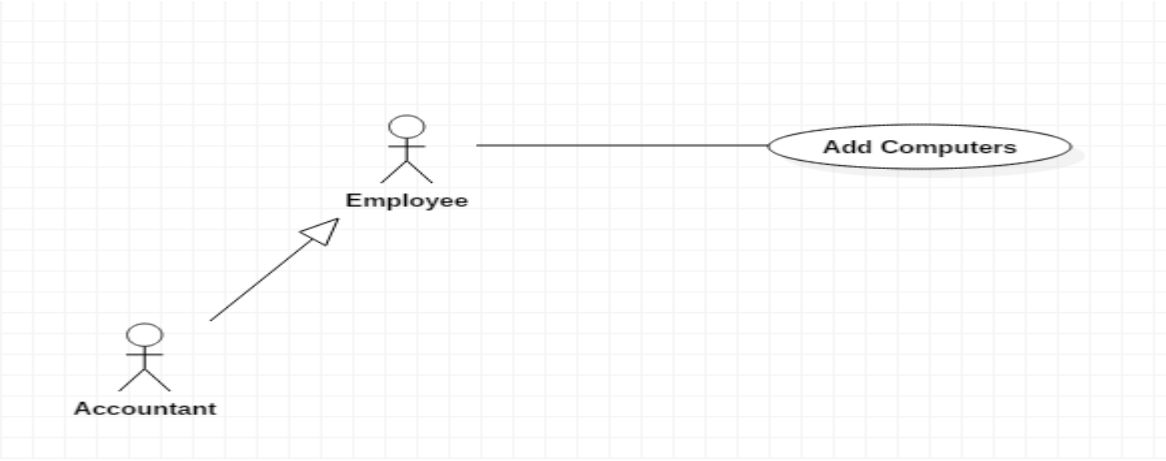
Guest – a user who is not logged in the system.

1.4 References

None.

1.5 Overview

In the following section, Use-Case Realization Specification of the Add 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.



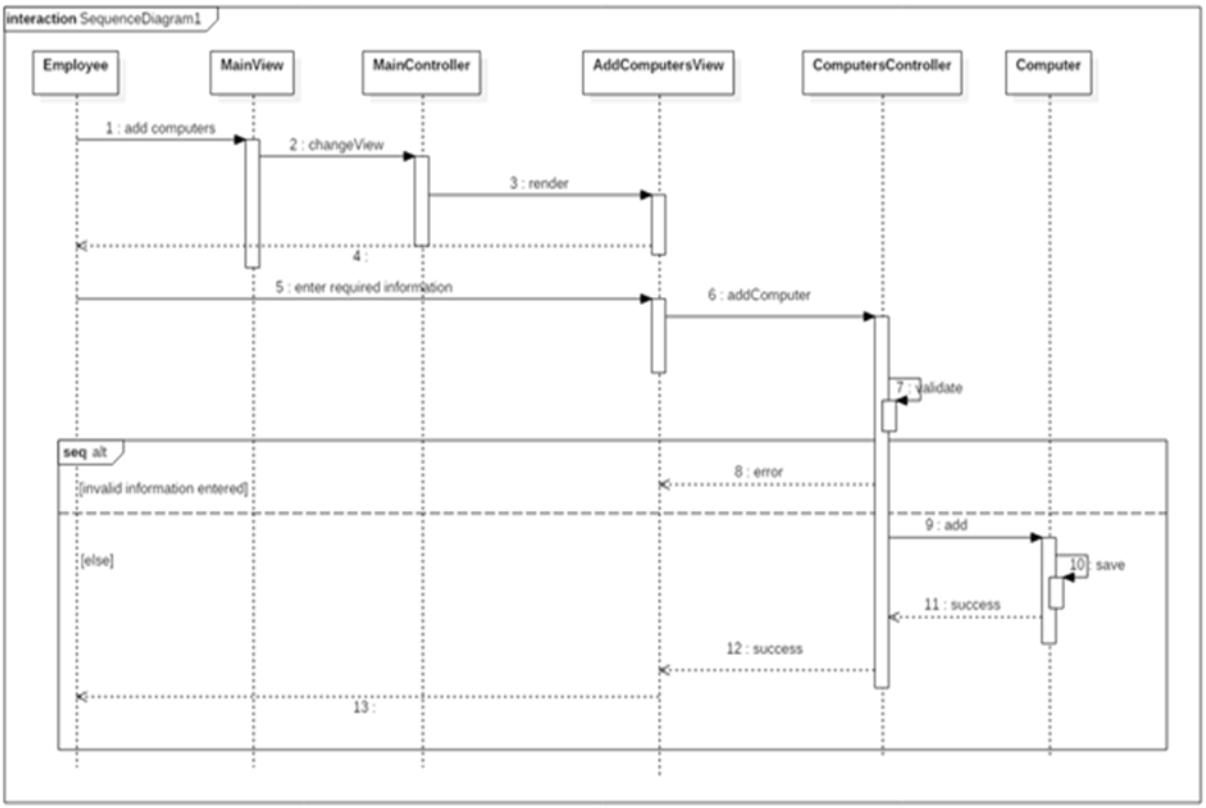
Name	Add Computers
Brief Description	An employee adds new computer(s) to the database
Actor(s)	Employee
Flow of Events	
Basic Flow	

1. The user goes to add computers page.
2. The user enters information for a new computer.

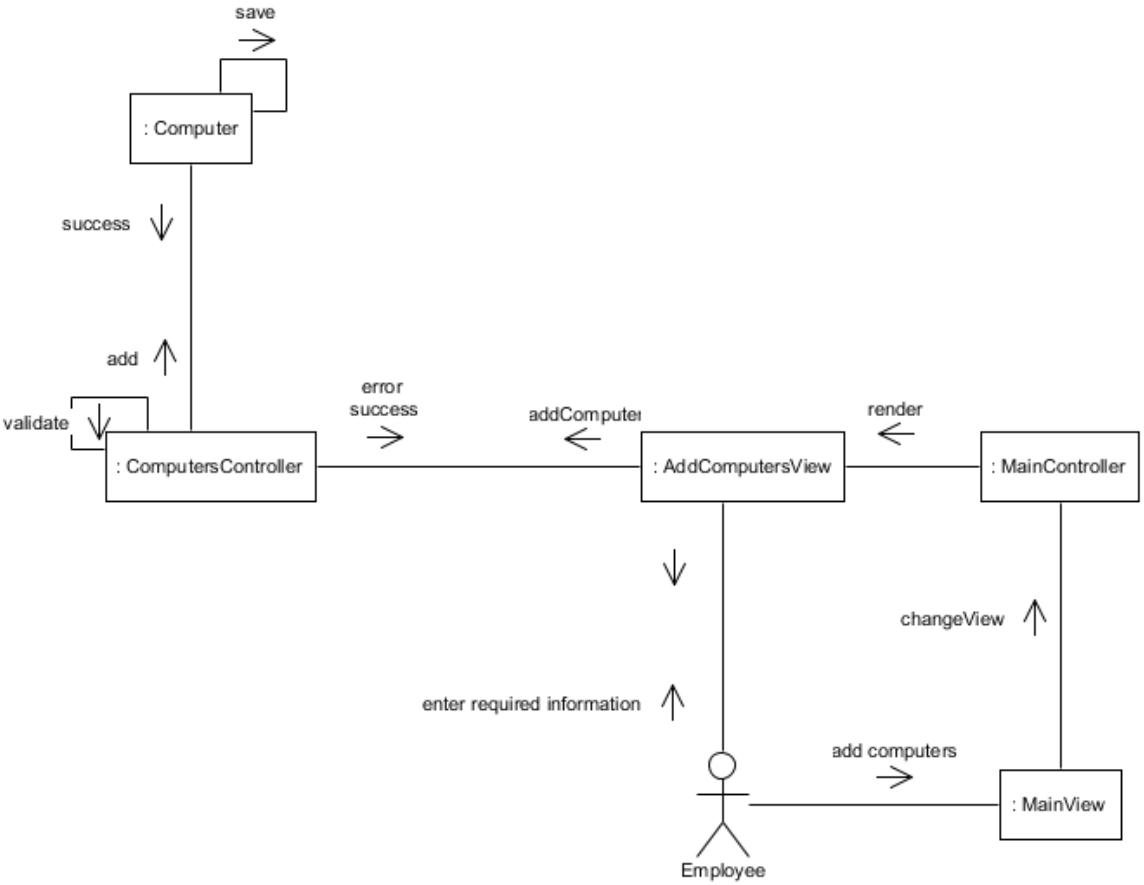
3. The user submits information.
4. The system verifies information, and save the new computer with specified information to database.

Alternate 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 logged in.	
Post-Conditions	
Title	**Description**
Success	Success message is prompted and the computer with specified information is added to database.
Failure	The user is unable to add new computer to database for one or more reasons and an error is prompt.
Extension Points	
None.	

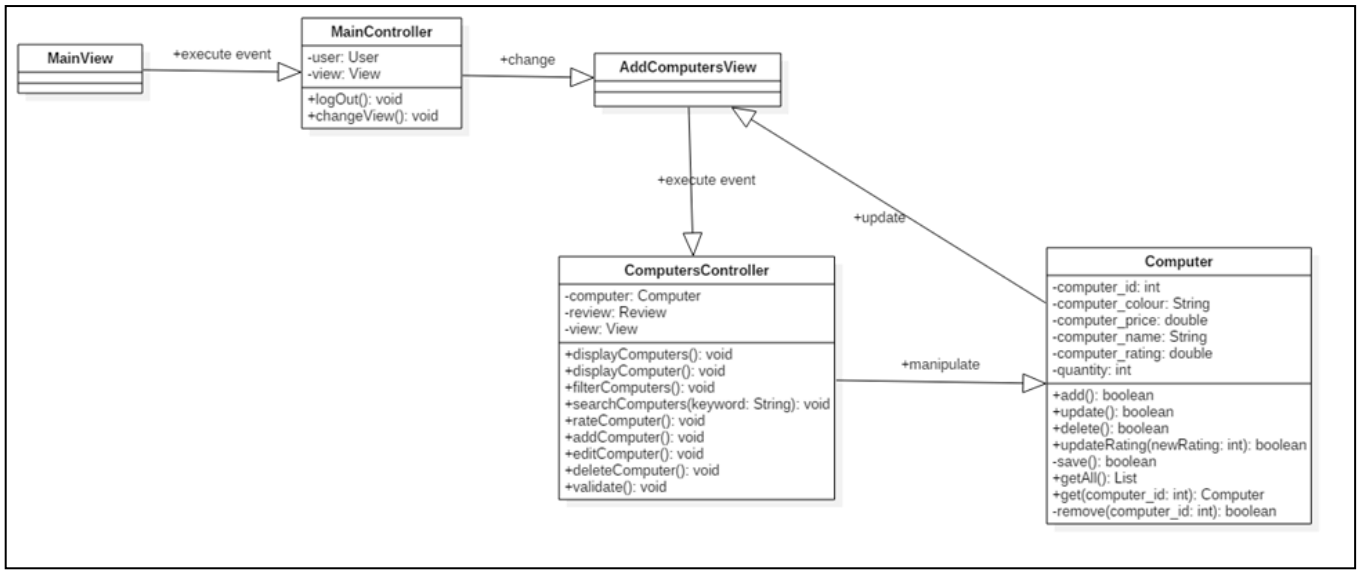
3. Interaction Diagrams



Collaboration Diagram:



4. Class Diagrams



5. Derived Requirements: None