Group...Class 4C-15

Computer Shop Management System
Use-Case-Realization Specification: Sign-up

Version 1.0

Revision History

Date	Version	Description	Author
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Use-Case-Realization Specification: Sign-up

1. Introduction

1.1 Purpose

This document describes how the Sign-up 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.

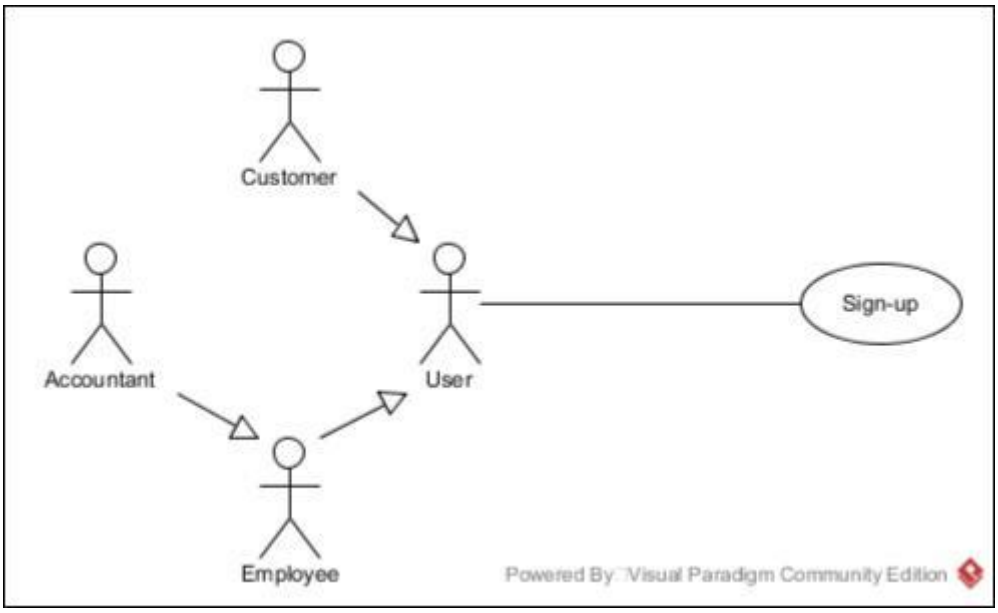
1.4 References

None.

1.5 Overview

In the following section, Use-Case Realization Specification of the Sign-up 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

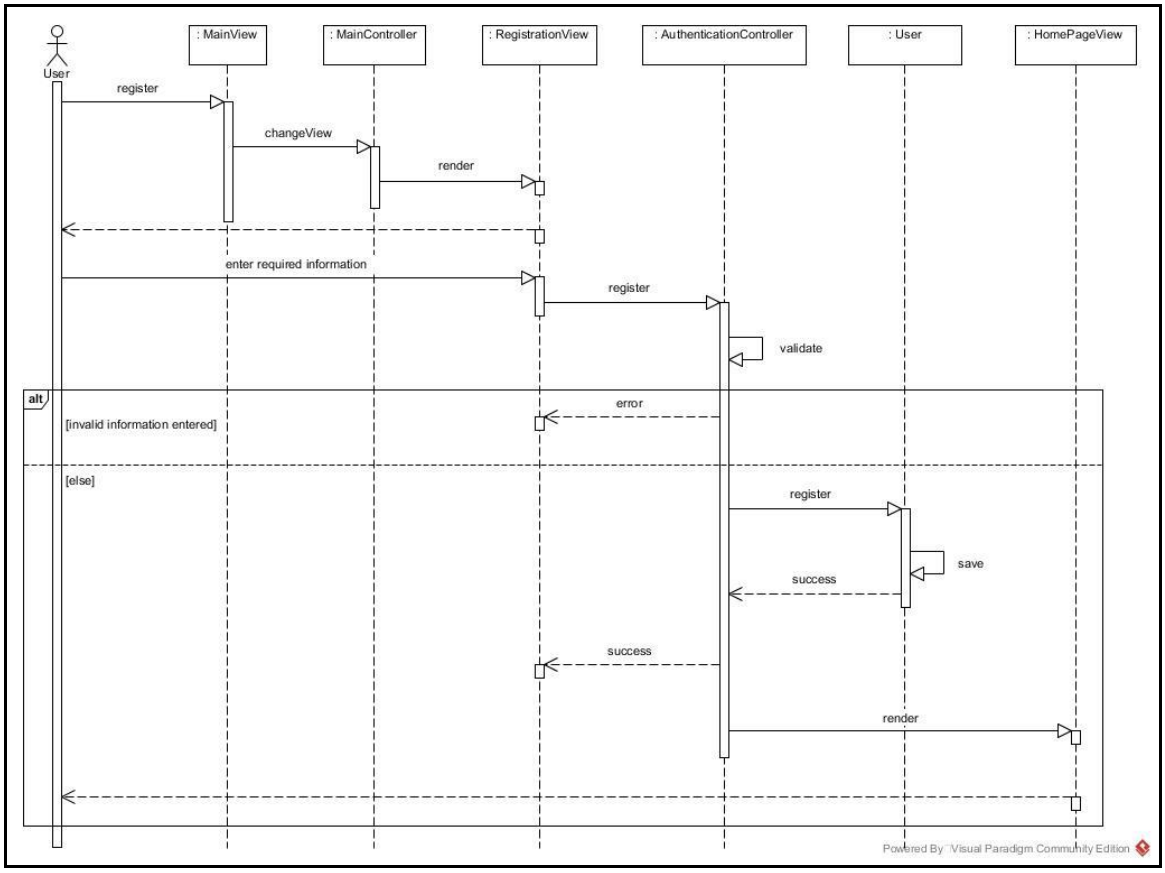


Name	Sign-up

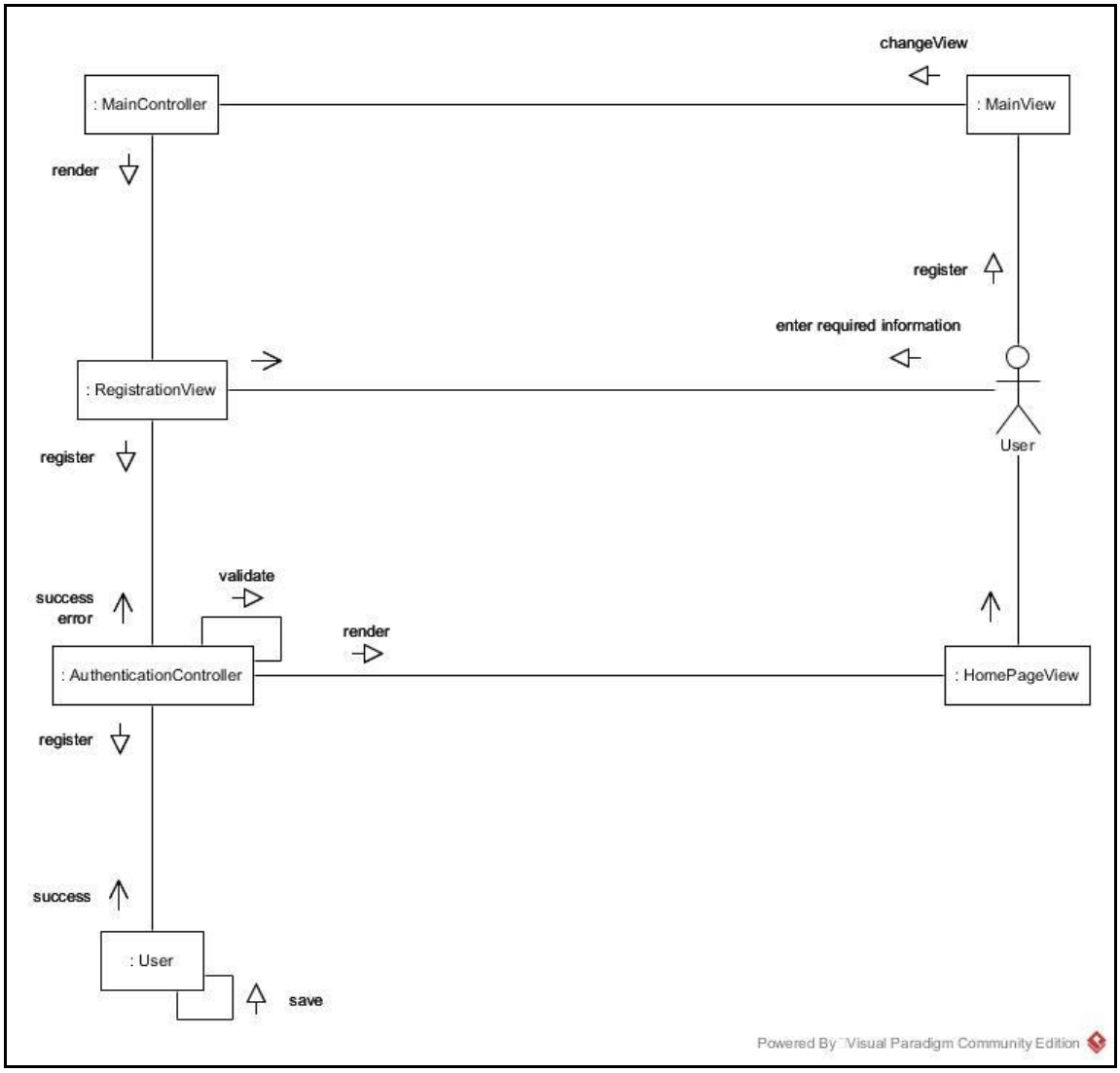
Brief Description	A user creates an account
Actor(s)	User
Flow of Events	
Basic Flow	
1. The user goes to registration page or select registration option while try to login the system. 2. The system prompts user for registration information: username, password, etc. 3. The user enters their information. 4. The system validates user information. 5. The system creates a new user base on entered information 6. The system saves the new user 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 not logged in the system (guest).	
Post-Conditions	
Title	**Description**
Success	Success message is prompted and user is redirected to home page.
Failure	The user is unable to register for one or more reasons and an error is prompted.
Extension Points	
None.	

3. Interaction Diagrams

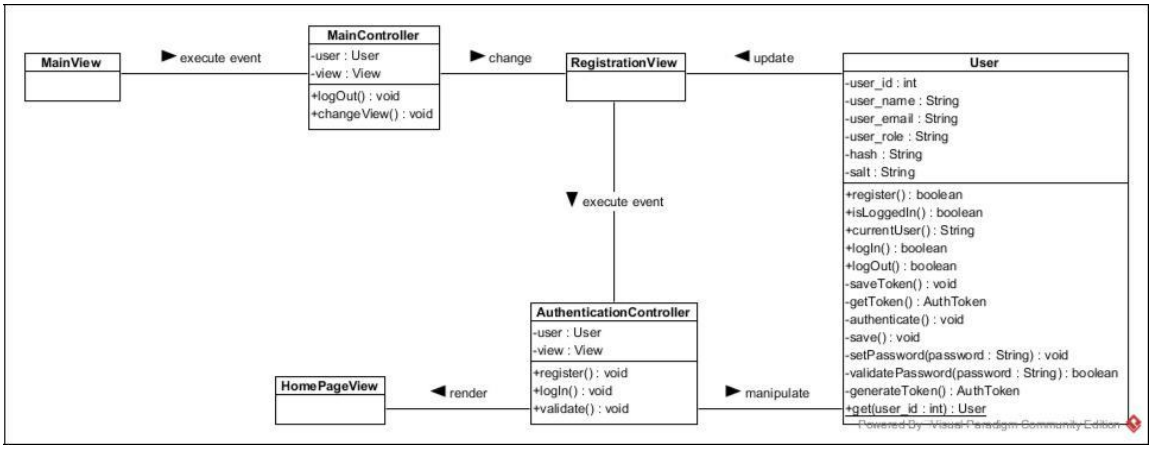
Sequence Diagram:



Collaboration Diagram:



4. Class Diagrams



5. Derived Requirements

None.