Eyeconic – Glasses Shop Management System

Use-case Realization Specification: Revenue Statistics

Version 1.0

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 18/10/2019 | 1.0 | Final Draft. | Trần Thị Mai Hương |
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# Introduction

## Purpose

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

## Scope

This document applies to the Eyeconic – Glasses Shop Management System.

## Definitions, Acronyms, and Abbreviations

User – a person who use the system, can be admin or customer.  
Admin – a person who work for the computer shop.  
Guest – a user who is not logged in the system.

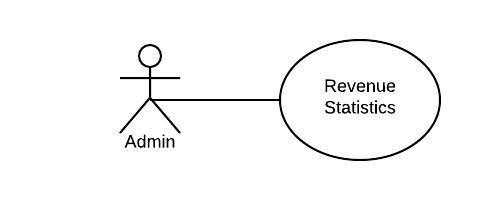
## References

None

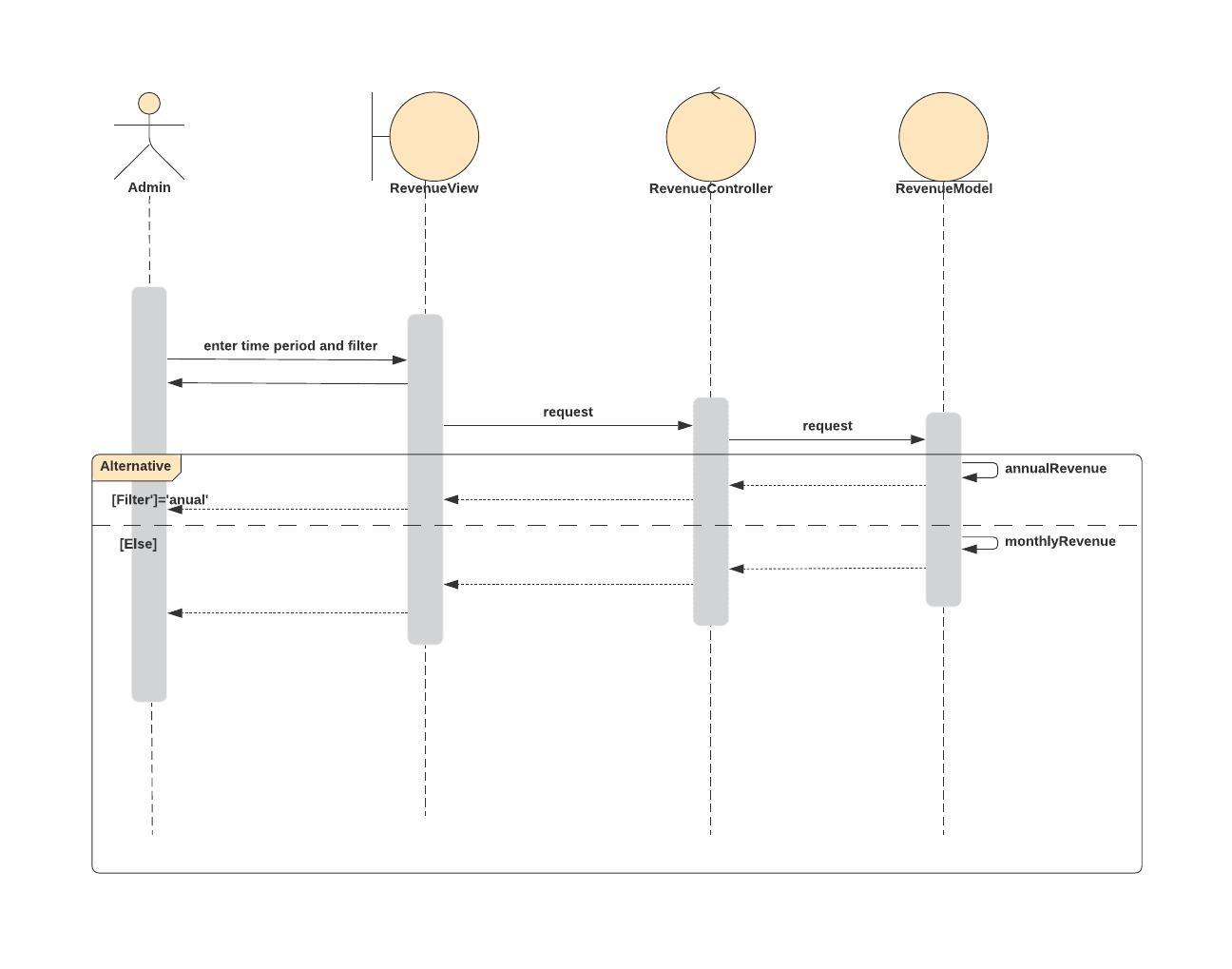
## Overview

In the following section, Use-Case Realization Specification of the Revenue Statistics Use-Case of the Eyeconic – Glasses 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.

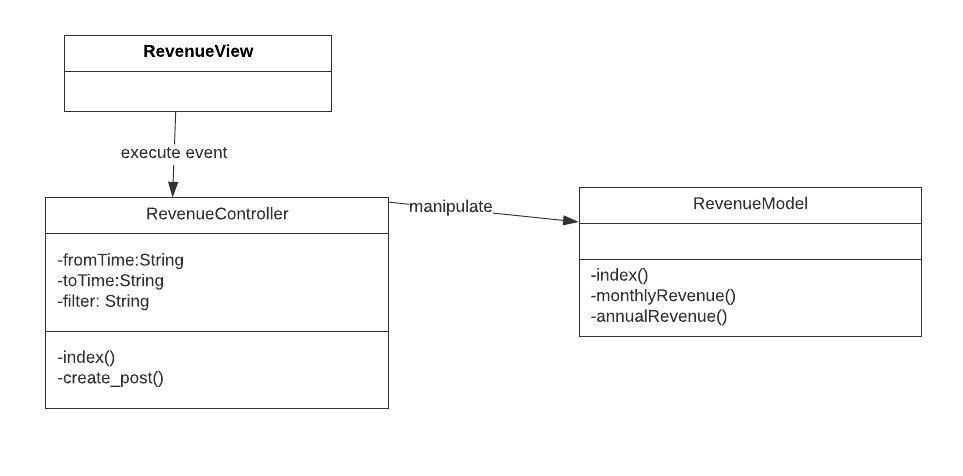
# Flow of Events—Design



|  |  |
| --- | --- |
| **Name** | Revenue Statistics |
| **Description** | An admin reads Revenue Statistics |
| **Actor(s)** | Admin |
| **Flows of even**t |  |
| **Basic flow** | |
| 1. Admin clicks on statistic report link. 2. Admin choose time period and filter (monthly/annual) 3. Statistics is displayed. | |
| **Alternative Flows** | |
| None. | |
| **Pre-conditions** | |
| The user is logged in the system and this user is an admin. | |
| **Post-conditions** | |
| Statistics is displayed. | |
| **Extension Points** | |
| None | |

**Sequence Diagram**

**Class Diagram**



# Derived Requirements

None