Eyeconic - Glasses Shop Management System

Category

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 20/11/2019 | 1.0 | The first version of add category | Hoàng Tiến Long |

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# Introduction

## Purpose

This document describes how the Add Category use case is realized within the design model.

## Scope

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

## Definitions, Acronyms, and Abbreviations

None.

## References

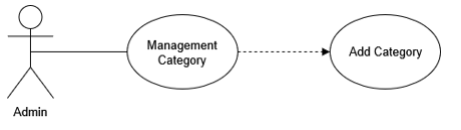
None.

## Overview

In the following section, Use-Case Realization Specification of the Add Category use-case of the Eyeconic is provided in detail. The first section is a textual description of the Use-Case specification. The following section contains sequence 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.

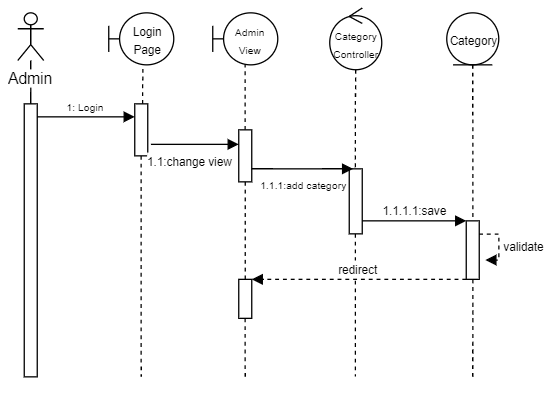
# Flow of Events—Design

**2.1. Use-Case Specification**

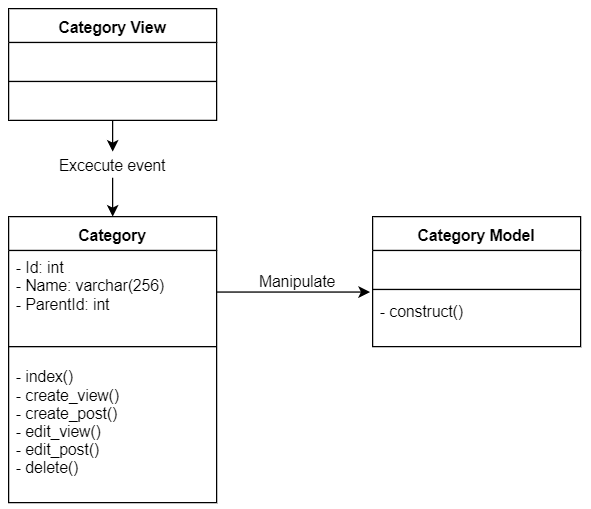
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|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | | | Add Category |
| **Brief Dexcription** | | | Administrator adds new categories into the website. |
| **Actors** | | | Administrator |
| **Flow of Events** | | | |
| **Basic Flow** | | | |
| Step 1: Click add a new category button in category management.  Step 2: Enter new category’s information.  Step 3: Set the database parameters of new category.  Step 4: System displays new category in the website. | | | |
| **Alternative Flows** | | | |
| **Title** | | **Description** | |
| Invalid information entered | | 1. Administrator enters invalid information.  2. System displays information with appropriate message to correct invalid information. | |
| **Pre-Conditions** | | | |
| The added category had not existed in the database before. | | | |
| **Post-Condition**  Administrator checks the database and the website to ensure that the new category is added successfully. | | | |
| **Title** | **Description** | | |
| Success | Success message is prompted and the category is added to database. | | |
| Failure | The admin is unable to add new category to database for one or more reasons and an error is prompt. | | |
| **Extension Points** | None | | |

**2.2. Sequence Diagram**

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**2.3. Class Diagram**



# Derived Requirements

None.