Version <1.0>

Revision History

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| **Date** | **Version** | **Description** | **Author** |
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Table of Contents

1. Introduction 4

1.1 Purpose 4

1.2 Scope 4

1.3 Definitions, Acronyms, and Abbreviations 4

1.4 References 4

1.5 Overview 4

2. Use-Case Specification 4

3. Interaction Diagrams 5

4. Class Diagrams 6

5. Derived Requirements 7

# Introduction

## Purpose

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

## Scope

This document applies to the Image Gallery Software which will be developed Group 5C-18.

## Definitions, Acronyms, and Abbreviations

User – a person who use the software.

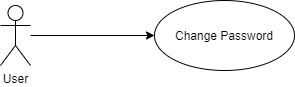
## References

None.

## Overview

In the following section, Use-Case Realization Specification of the Change Password Use-Case of the Image Gallery Software 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.

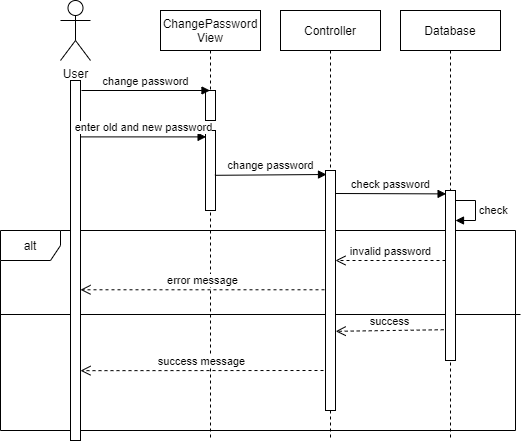
# Use-Case Specification



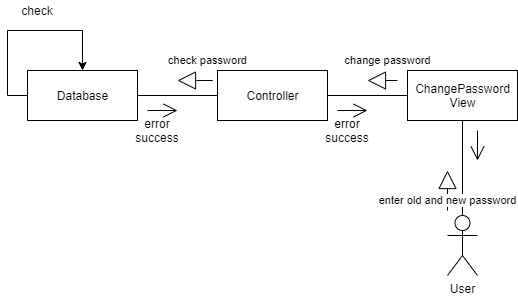
|  |  |
| --- | --- |
| **Name** | Change Password |
| **Brief Description** | A user change password |
| **Actor** | User |
| **Flow of Events** | |
| **Basic Flow** | |
| 1. User open profile page. 2. User click change password button. 3. The system prompts user for old password and new password. 4. The user enters their old password and new password. 5. The system verifies old and new password. | |
| **Alterante Flows** | |
| **Title** | **Description** |
| Authentication fail | 1. User enter invalid old or new password. 2. System displays message to correct invalid password. |
| **Pre-Conditions** | |
| Not empty field. | |
| **Post-Conditions** | |
| **Title** | **Description** |
| Success | Success message is prompted. |
| Failure | The user is unable to change password because invalid old or new password and an error is prompted. |
| **Extension Points** | |
| None | |

# Interaction Diagrams

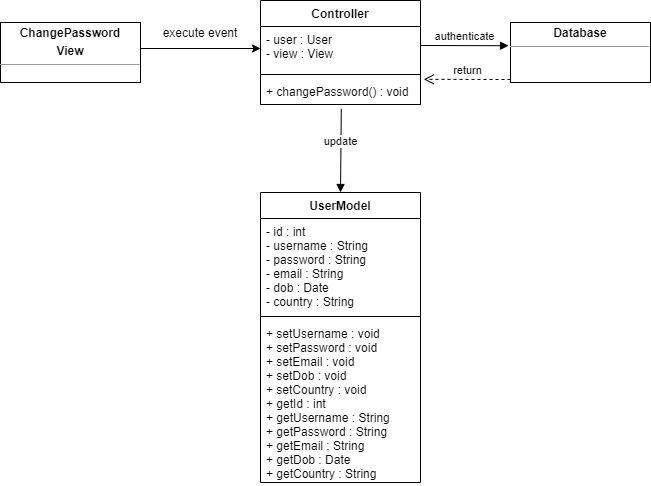
**Sequence Diagram:**



**Collaboration Diagram:**



# Class Diagrams



# Derived Requirements

None.