Project - Quản Lý Tiệm Cầm Đồ

**Software Requirements Specification**

Version 1.0

Da nang, 17 Sep 2024

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# Textual History

| **Time** | **Summary of changes** | **Version** |
| --- | --- | --- |
| 17/9/2024 | Create the first version SRS | 1.0 |
| 17/9/2024 | Update SRS – Add System Authorization function  Update changes in Activity diagram  Update changes in interface description, Screen Content | 2.0 |
| 22/9/2024 | Edit the description of the Actors, redraw the Use Case and Flow diagrams | 3.0 |

# References document

| **Document name** | **Description** |
| --- | --- |
| SRS\_Sample | Refer to sample SRS |
| Use Case Diagram | Refer to how to draw Use Case diagram |
| UML Activity Diagram | See how to draw Systems Pages Flow diagram |
| MockProject | Task division plan |
|  |  |
|  |  |
|  |  |

# Sharing list

This document is distributed to the following stakeholders for comments and modifications.

| **Full name** | **Position** |
| --- | --- |
| Lê Nam Hải | 4.Introduction(Finish) |
| Lê Nguyễn Quốc Đạt  Đặng Trần Gia Huy | 5.Overview(Finish) |
| Trần Thị Khánh Vy | 6.Function (Not Finish) |
| Phan Thanh Tùng | 7.Non-Functional(Not Finish) |

# Introduction

## Purpose

**Build a Pawn Shop Management System with the following goals:**

- Full of basic features, ensuring the needs of users.

- Intuitive, convenient interface.

- Ability to secure, assign access rights, each type of user can only access specific functions.

- Optimise business operations and enhance user experience.

**Through that:**

- Understand how to deploy a software project according to the most general process

- Cultivate the ability to work in groups, serving the learning process better.

## Scope

**Project scope Pawnshop Management:**

- Application in small and medium sized pawnshops.

- Suitable for the subject project limit.

# Overview

## Software architecture diagram (Ex: Layered Architecture (Tầng lớp kiến trúc), Client-Server Architecture (Kiến trúc Máy khách - Máy chủ), **Microservices Architecture (Kiến trúc Vi dịch vụ)**, **Event-Driven Architecture (Kiến trúc Điều khiển Sự kiện)**, **Component Diagram (Sơ đồ Thành phần)**, **Deployment Diagram (Sơ đồ Triển khai)**, **Database Architecture Diagram (Sơ đồ Kiến trúc Cơ sở dữ liệu)**, **Service-Oriented Architecture (Kiến trúc Hướng Dịch vụ - SOA)**, **Cloud Architecture Diagram (Sơ đồ Kiến trúc Đám mây)**

## Use case

<<Introduction to table>>

| **Use case** | | **Description** |
| --- | --- | --- |
|  | |  |
|  | |  |
|  |  |  |
|  |  |

## Class Diagram

## Object Diagram

## Deployment Diagram

## Activity Diagram

## Sequences Diagram

## State Diagram

# Function

## Function 1 -

Function Description details

<<GUI>>

| **GUI name** | Đặt vé – Chọn phim và xuất chiếu | | | | |
| --- | --- | --- | --- | --- | --- |
| **Description** | | Hiện thị các phim đang chiếu và các xuất chiếu của phim | | | |
| **Access mode** | | Người dùng truy cập vào đặt vé | | | |
| **GUI of content** | | | | | |
| **Items** | | **Type** | **Data** | **Description** | |
|  | |  |  |  | |
|  | |  |  |  | |
|  | |  |  |  | |
|  | |  |  |  | |
| **Action** | | | | | |
| **Action name** | | **Description** | | **Success** | **Fails** |
|  | |  | |  |  |
|  | |  | |  |  |
|  | |  | |  |  |

# Non Functionals

Performances

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |

Enhanced capabilities

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |

Security

| **Id** | **Description** |
| --- | --- |
|  |  |

Reliability

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |

Backup and Restore

| **Id** | **Description** |
| --- | --- |
|  |  |

Interface

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |

Requires operating system and software

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |

Language

| **Id** | **Description** |
| --- | --- |
|  |  |
|  |  |

# Appendix

| *Assignment* | Deadline |
| --- | --- |
| 1,2,3,4,5 (5.1 -> 5.5) | 23/09/2024 |
| 5.5 -> 5.8 | 14/10/2024 |
| 6-> End | 28/10/2024 |
|  |  |
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