Carti Hotel Management System

Business Architecture Document

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 20/10/2024 | 1.0 | Final Version | Phan Khanh Huyen |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Table of Contents**

[1. Introduction 4](#_Toc183549430)

[1.1 Purpose 4](#_Toc183549431)

[1.2 Scope 4](#_Toc183549432)

[1.3 Definitions, Acronyms, and Abbreviations 4](#_Toc183549433)

[1.4 References 4](#_Toc183549434)

[1.5 Overview 4](#_Toc183549435)

[2. Architectural Representation 4](#_Toc183549436)

[3. Architectural Drivers 4](#_Toc183549437)

[4. Market View 5](#_Toc183549438)

[5. Business Process View 5](#_Toc183549439)

[5.1 Business Context 5](#_Toc183549440)

[5.2 Architecturally Significant Business Process View 5](#_Toc183549441)

[6. Organization View 5](#_Toc183549442)

[6.1 Organization Structure 5](#_Toc183549443)

[6.2 Business Use-Case Realizations 5](#_Toc183549444)

[6.3 General Patterns of Behaviour 5](#_Toc183549445)

[7. Human Resource View 5](#_Toc183549446)

[7.1 Remuneration and Incentives 5](#_Toc183549447)

[7.2 Cultural Aspects 6](#_Toc183549448)

[7.3 Competencies 6](#_Toc183549449)

[8. Domain View 6](#_Toc183549450)

[9. Geographic View 6](#_Toc183549451)

[10. Communcation View 6](#_Toc183549452)

[11. Architectural Trade-offs 6](#_Toc183549453)

Business Architecture Document

# Introduction

## Purpose

This document provides guidance on the software architecture which will be applied in building an

CHMS project.

## Scope

This document is used inside the project. The scope of this document contains two parts: software and

architecture. The main focus is software, meanwhile, architecture is aimed at supporting connecting

software modules.

## Definitions, Acronyms, and Abbreviations

This software is built on MVC pattern: three-layers design including Model – View – Controller.

## References

- Interview on 27/11/2024

- Interview Analysis on 28/11/2024.

- File Supplementary Business Specification in the Business Modelling folder

## Overview

NA.

# Architectural Representation

**Software Architecture View**

Administrator: manage CHMS and modules

Customer and Receptionist: the direct user of the CHMS.

The system is divided into three main parts:

- Human resource, facility and business management system, independent of the two lower systems

and will support to maintain these activities

- Receptionist’s management system related to check-in, check-out and manage services.

- Customer’s system related to making a reservation and making payment.

# Architectural Drivers

NA.

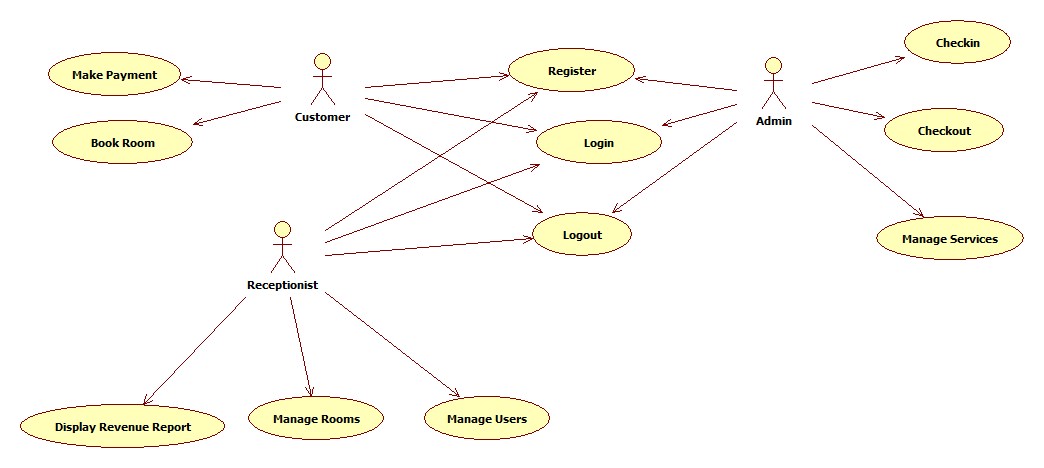
# Market View

NA.

# Business Process View

The following diagram describes all functions of the system:

## Business Context



## Architecturally Significant Business Process View

# Organization View

NA.

# Human Resource View

NA.

# Domain View

NA.

# Geographic View

NA.

# Communcation View

NA.

# Architectural Trade-offs

NA.