**New Zealand Diploma in Information Systems**

**HTCS5607 IS Application Project**

**TECHNICAL REPORT TEMPLATE**

**Project Name: Black Dahlia**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Team Name(s)** | **Student ID** | **Email** | **Phone** |
| ***Project Manager***  *Reuben Csengo* |  |  |  |
| ***Deputy Project Manager***  *Reuben Csengo* |  |  |  |
| ***Team Members***  *Reuben Csengo* |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Client Stakeholders**

|  |  |  |
| --- | --- | --- |
| **Client Stakeholders** | **Full name and title** | **Contact details** |
| **Project Sponsor(s)** | *Lei Song, Simon Dacey* | *[phone, email]* |
| ***[add other roles as appropriate]*** | *[full name and title]* | *[phone, email]* |

**DATE OF SUBMISSION**

*dd/mm/yyyy*

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# 1. Document Control

## 1.1 Version History

This document has had the following revisions:

| **Version** | **Date** | **Author** | **Description of Change** |
| --- | --- | --- | --- |
| 0.1 |  |  | Initial draft |

## 1.2 Contribution to Report sections

| **Project Team Member name** | **Student ID** | **Report Section** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## 1.3 Glossary

To provide clarity, terms and acronyms used in this document are defined as follows:

| **Term / Abbreviation** | **Definition** |
| --- | --- |
| Supervisor | Technical Advisor |
|  |  |

# 2. Executive Summary

# 3. Introduction

This technical report is focused on the case management software, currently being developed for the Black Dahlia. Detailing the process of the application though the software development lifecycle. This report exists to document the research, planning, design, and deployment of the software, among other aspects. Aspects covering the development and tested will be covered on separate but provided documentation.

# 4. Technology Review

My team and I have explored different methods and systems to use when developing this business management software, such as the language it is coded in, and the backend database format. Comparing to find what suites this scenario is important to the success and useability of this software.

The language that the software is created using is the most important part of the project, because its framework will dictate what possible features and functions that the software will be able to perform. Therefore, deciding on one that matches the requirements of the use cases is essential.

# 5. IT Methodology

# 6. Project Management

## 6.1 Project Management Narrative

*Details with evidence how the development of the project followed the selected systems development lifecycle*

## 6.2 Project Plan with Milestones

*Include an overall plan here and attach a detailed GANTT chart to the appendices*

## 6.3 Project Governance Responsibilities

*Explain who was responsible for project management and quality assurance, and explain how these tasks were carried out*

## 6.4 Project Meetings

*Include a schedule of your meetings (date, duration, participants, and type) and attach the minutes of each meeting to the appendices*

## 6.5 Project Reports

*Discuss the project status reports and attach your project status reports to the appendices*

## 6.6 Project Risk and Issue Analysis

*Discuss project risks and issues and attach your project risk and issue register to the appendices*

# 7. Requirements Analysis

## 7.1 Introduction

## 7.2 Use Case Diagram

## 7.3 Business Use Case Narratives (Descriptions)

## 7.4 Activity Diagrams

## 7.5 Overall Class Diagram

# 8. Project Design

## 8.1 Introduction

## 8.2 Software List

## 8.3 Version Control Software

## 8.4 Design Use Case Narratives (Descriptions)

## 8.5 Sequence Diagrams

## 8.6 Deployment Diagram

## 8.7 Database Design

*Include ERD and data dictionary*

## 8.8 Annotated User Interface Designs

## 8.9 Test Plan

# 9. Project Training

## 9.1 End User Background and Training Objectives

## 9.2 Training Materials

## 9.3 Training Deliverables

## 9.4 Evaluation

# 10. Conclusion & Lessons Learned

# References

# Appendices