**New Zealand Diploma in Information Systems**

**HTCS5607 IS Application Project**

**TECHNICAL REPORT TEMPLATE**

**Project Name: NZ HORSE RACING**

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Team Name(s)** | **Student ID** | **Email** | **Phone** |
| ***Project Manager***  *Sascha Williams* | 1536995 | [Sjawilliams92@gmail.com](mailto:Sjawilliams92@gmail.com) | 02041697977 |
| ***Deputy Project Manager***  *[Name]* |  |  |  |
| ***Team Members***  *[Name (s)]* |  |  |  |
|  |  |  |  |
|  |  |  |  |

**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*

Table of Contents

[1. Document Control 4](#_Toc80799791)

[1.1 Version History 4](#_Toc80799792)

[1.2 Contribution to Report sections 4](#_Toc80799793)

[1.3 Glossary 4](#_Toc80799794)

[2. Executive Summary 5](#_Toc80799795)

[3. Introduction 6](#_Toc80799796)

[4. Technology Review 7](#_Toc80799797)

[5. IT Methodology 8](#_Toc80799798)

[6. Project Management 9](#_Toc80799799)

[6.1 Project Management Narrative 9](#_Toc80799800)

[6.2 Project Plan with Milestones 9](#_Toc80799801)

[6.3 Project Governance Responsibilities 9](#_Toc80799802)

[6.4 Project Meetings 9](#_Toc80799803)

[6.5 Project Reports 9](#_Toc80799804)

[6.6 Project Risk and Issue Analysis 9](#_Toc80799805)

[7. Requirements Analysis 10](#_Toc80799806)

[7.1 Introduction 10](#_Toc80799807)

[7.2 Use Case Diagram 10](#_Toc80799808)

[7.3 Business Use Case Narratives (Descriptions) 10](#_Toc80799809)

[7.4 Activity Diagrams 10](#_Toc80799810)

[7.5 Overall Class Diagram 10](#_Toc80799811)

[8. Project Design 11](#_Toc80799812)

[8.1 Introduction 11](#_Toc80799813)

[8.2 Software List 11](#_Toc80799814)

[8.3 Version Control Software 11](#_Toc80799815)

[8.4 Design Use Case Narratives (Descriptions) 11](#_Toc80799816)

[8.5 Sequence Diagrams 11](#_Toc80799817)

[8.6 Deployment Diagram 11](#_Toc80799818)

[8.7 Database Design 11](#_Toc80799819)

[8.8 Annotated User Interface Designs 11](#_Toc80799820)

[8.9 Test Plan 11](#_Toc80799821)

[9. Project Training 12](#_Toc80799822)

[9.1 End User Background and Training Objectives 12](#_Toc80799823)

[9.2 Training Materials 12](#_Toc80799824)

[9.3 Training Deliverables 12](#_Toc80799825)

[9.4 Evaluation 12](#_Toc80799826)

[10. Conclusion & Lessons Learned 13](#_Toc80799827)

[References 14](#_Toc80799828)

[Appendices 15](#_Toc80799829)

# 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

# 4. Technology Review

Im designing a system for NZ HORSE RACING. Programs that can be used to create C# needed for the Graphic User Interface are:

-Visual Studio

-Monodevelop

-#develop

-Rider

-Eclipse aCute

-Scriptcs

-Visual Studio Code

What im looking for is an Easy to Use program that can create the system we need for NZ HORSE RACING. Visual Studio is one of the best programs I have used to develop C#.

# 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