Unit 13: Computing Research Project

Project Report

|  |
| --- |
| **Submission format** |
| * The submission is in the form of an individual written report. * The submission is in the form of an individual written report. * This should be written in a concise, formal business style using single spacing and font size 12. * You are required to make use of headings, paragraphs and subsections as appropriate, and all work must be supported with research * referenced using the Harvard referencing system. * Please provide a referencing list using the Harvard referencing system. * The recommended word limit is minimum 4,500 words |
| **Unit Learning Outcomes:** |
| **LO2.** Conduct and analyse research relevant to a chosen computing research project  **LO3.** Communicate the outcomes of a research project to identified stakeholders  **LO4.** Reflect on the application of research methodologies and concepts |
| **Assignment Brief and Guidance:** |

**Grading Rubric**

|  |  |  |
| --- | --- | --- |
| **Grading Criteria** | **Achieved** | **Feedback** |
| **P3** Conduct primary and secondary research using appropriate methods for a computing research project that consider costs, access and ethical issues |  |  |
| **P4** Apply appropriate analytical tools to analyse research findings and data. |  |  |
| **M2** Discuss merits, limitations and pitfalls of approaches to data collection and analysis. |  |  |
| **P5** Communicate research outcomes in an appropriate manner for the intended audience. |  |  |
| **M3** Coherently and logically communicate outcomes to the intended audience, demonstrating how outcomes meet set research objectives. |  |  |
| **D2** Communicate critical analysis of the outcomes and make valid, justified recommendations. |  |  |
| **P6** Reflect on the effectiveness of research methods applied for meeting objectives of the computing research project. |  |  |
| **P7** Consider alternative research methodologies and lessons learnt in view of the outcomes. |  |  |
| **M4** Provide critical reflection and insight that results in recommended actions for improvements and future research considerations. |  |  |
| **D3** Demonstrate reflection and engagement in the resource process leading to recommended actions for future improvement. |  |  |

**<Title of the research.>**

By

**<Name>**

**<Pearson ID>**

Submitted in accordance with the requirements for the  
**COMPUTING RESEARCH PROJECT MODULE OF PEARSON’S HND IN < YOUR STREAM> PROGRAMME**  
at the  
**ESOFT METRO CAMPUS**

**Name of research Tutor: <Tutor’s Name>**

**<Date>**

# DECLARATION

Name of Research Candidate:

Pearson Registration Number:

Programme Name:

Research Title:

Field of Study:

I do solemnly and sincerely declare that:

* 1. I’m the sole author of this study
  2. This work is original
  3. In case of any use if any information from other sources references of copyright with its ownership have been acknowledged in this document
  4. I do not have any actual knowledge nor do I ought reasonably to know that the making of the work constitutes an infringement of any copyright work
  5. I know that plagiarism is a punishable offence because it constitutes theft, I understand the plagiarism and copying policy of the Edexcel UK, I know what the consequences will be if I plagiaries or copy another’s work in this research for this program.

Candidate Signature: Date:

Subscribed and solemnly declared before,

Supervisor’s Name:

Designation:

Supervisor’s Signature: Date:

# ACKNOWLEDGMENT

# ABSTRACT

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# A LIST OF TABLES

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# CHAPTER 1 – INTRODUCTION

## Introduction

## Purpose of research

## Significance of the Research

## Research objectives

## Research Sub objectives

## Research questions

## Hypothesis

## Thesis structure

### CHAPTER 1 - Introduction

### CHAPTER 2 - Literature Review

### CHAPTER 3 - Methodology

### CHAPTER 4 - Presentation of Results

### CHAPTER 5 - Conclusions and Recommendations

# CHAPTER 2 - LITERATURE REVIEW



## Literature Review

## Conceptual framework

# CHAPTER 3 - METHODOLOGY



## Research philosophy

## Research approach

## Research strategy

## Research Choice

## Time frame

## Data collection procedures

## Type of Data

## Data Collection Method

## Data Collection and Analyze Tools

## Questionnaire structure

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Indicators** | **Measurement** | **Mean** | **STD. Deviation** | **Median** |
| IV 1/ SO1 | Question 1 | Questioner |  |  |  |
| Question 2 |
| Question 3 |
| Question 4 |
| DV | Question 1 | Questioner |  |  |  |
| Question 2 |
| Question 3 |
| Question 4 |

## Data Storage

## Target population and sampling

## The selection of participants

## Reliability, Validity, and Generalizability

## Ethical issues of the research study

# CHAPTER 4 - PRESENTATION OF RESULTS



## Demographic Analysis

## Correlation Analysis

### RO2

### RO3

### RO4

## Regression Analysis

### RO1

### RO2

### RO3

### RO4

# CHAPTER 5 - CONCLUSIONS AND RECOMMENDATIONS



## Conclusion

### RO1

**Regression**:

### RO2

**Correlation**:

**Regression**:

### RO3

**Correlation**:

**Regression**:

### RO4

**Correlation**:

**Regression**:

## Recommendations

## Limitations

## Future Improvements

## Personnel Reflection

### Benefits for the researcher

### Benefits for the Industry/organization

# Referencing

# Annexures

## Annexures A: Glossary of Terms

## Annexures B: Sample SPSS Charts/ Table

## Annexures C: Feedback Form / Question list

## Annexures D: Sample Feedback sheets