ASSESSMENT AND INTERNAL VERIFICATION FRONT SHEET (Individual Criteria)

**(Note : This version is to be used only for assignments uploaded via Classter)**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Course Title | | IT Project | | | Lecturer Name & Surname | Gerard Said | |
| Unit Number & Title | | | ITPRJ-606-1606 | | | | |
| Assignment Number, Title / Type | | | Synoptic | | | | |
| Date Set | | | 16/06/2020 | Deadline Date | 30/06/2020 | | |
| Student Name |  | | | ID Number |  | Class / Group |  |

|  |  |
| --- | --- |
| Assessment Criteria | Maximum Mark |
| KU3 Discuss the suitability of different research methodologies to different subject areas | 20 |
| KU5 Explain the distinction between different research types for a specific type | 20 |
| AA1 Select the correct research methodology for a specific subject area | 20 |
| AA5 Organise collected data in a valid and correct way in own project | 20 |
| SE1 Appraise how results are collected by the majority of researchers in own chosen subject area | 20 |
| Total Marks | 100 |

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| --- |
| Notes to Students: |
| * This assignment brief has been approved and released by the Internal Verifier through Classter. * Assessment marks and feedback by the lecturer will be available online via Classter (<Http://mcast.classter.com>) following release by the Internal Verifier * Students submitting their assignment on Moodle/Unicheck will be requested to confirm online the following statements:   **Student’s declaration prior to handing-in of assignment**   * I certify that the work submitted for this assignment is my own and that I have read and understood the respective Plagiarism Policy   **Student’s declaration on assessment special arrangements**   * I certify that adequate support was given to me during the assignment through the Institute and/or the Inclusive Education Unit. * I declare that I refused the special support offered by the Institute. |



BSc. Software/Multimedia Year 3

IT Project

**Project Report**

**Synoptic Assignment**

**Assignment Guidelines**

* This assignment is in the form of a **take home assignment**
* You will have to abide to the stipulated deadline.
* This assignment is directly related to your **research** and it is entirely your responsibility to complete it
* You should submit
  + A single report which covers the requirements of the assignment.
* The College operates a **plagiarism policy** and any copied work will be penalized according to this policy.
* Complement your answers with diagrams where necessary.
* All the institute procedures rules and regulations apply to this assignment.

# Overview

The scope of this assignment is determine your understanding of creating a functional research project.

# Section A – Version Control

**Outline**

You are to create a version control framework with at least 4 functional commits

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| --- | --- | --- |
| **Checkpoint** | **Deliverables** | **Commit Link** |
| 1 | Description of how to create a github/bitbucket project, with full instructions on how that should be created as a PDF. Write the PDF filename and a short 50 word summary of the PDF content in the commit description |  |
| 2 | Step by step description of how to clone a repository as a PDF committed to the repo here. Write the PDF filename and a short 50 word summary of the PDF content in the commit description |  |
| 3 | Step by step description of how to post a commit as a PDF committed to the repo here. Write the PDF filename and a short 50 word summary of the PDF content in the commit description |  |
| 4 | Step by step description of how to add a user to your commit for collaboration and give them read write access to the github project. Write the PDF filename and a short 50 word summary of the PDF content in the commit description |  |

**Rubric**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Description** | **Marks** | **Awarded** |
| AA5 | * Correct creation of Git project in full. | 20 |  |
|  | **TOTAL** | **20** |  |

# Section B – Research Report

**You are required to answer the following questions based on a research paper of your choice**

Select a published research paper in a subject area of your choice. Based on the research paper, which you will reference as part of your answer, you need to provide the following information:

* What is the research question the research paper you are examining is based on? (5 marks)
* How does the author compare and contrast his own research with the research being carried out by other authors he/she is citing? (5 marks)
* What are the research methodologies of 2 papers cited in the paper you are examining? (5 marks)
* What is the hypothesis the researcher is making in the research paper you choose? (5 marks)
* What is the research methodology being utilized within that specific research paper? (5 marks)
* How are the results being represented by that particular research paper? (5 marks)
* In what way are the results being used in the discussion? (5 marks)
* What are the future implications of the study? (5 marks)

**Rubric**

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Description** | **Marks** | **Awarded** |
| KU3,KU5 | 1000/1500 word report attempting an answer to all of the points above. Report can be formatted in point form as long as the elements are clearly described. | 40 |  |
|  | **TOTAL** | **40** |  |

# Section C – Research analysis

Quantitative data analysis is based on mathematical and numerical analysis of data. You are to select an academic paper that uses quantitative data analysis and perform the following set of tasks

* Explain where to find the raw source data of the academic paper you are citing. (10 marks)
* Explain the workings of how the source data was collected. (10 marks)
* Explain an alternate way of presenting the source data. (10 marks)
* Generate an alternative visualisation of one set of data with an alternate set of axes. (10 marks)

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| --- | --- | --- | --- |
| Criteria | Description | Marks | Awarded |
| AA1, SE1 | A full research analysis presented as required |  |  |
|  | **TOTAL** | **40** |  |