



GA10003/4 – Information Systems Development (ISD)

Assignment 3

Assignment Title: Version Control (Git and GitHub)

Deadline for Submission: Sunday 03/04/2022 23:59 Hrs

Hand in Method: MyDundee

Date Feedback will be Received: 3 weeks after deadline (See University Handbook)

Total Credit: 5 Credits

Penalty for Late Submission: One grade point per day late (meaning if a submission is one day late and marked as a C2 it will receive a C3 grade) A day is defined as each 24-hour period following the submission deadline including weekends and holidays. Assignments submitted more than 5 days after the agreed deadline will receive a zero mark (AB).

Overview of Assignments:

1. Please submit a link to a remote repository such as GitHub, which you own. The remote repository should contain at least five (5) files, and kindly explain the process involved in the creation of the files (20 Marks).
2. Explain the process involved in adding new files to your repository, make changes where necessary, and commit the changes made. You will have to show the process with necessary codes (command lines), and screenshots if applicable (30 marks).
3. Kindly write a report on version control covering history, repository, staging, commit, push, and pull (50 Marks).

Your report should have a **title page**, **table of contents**, **introduction**, and **conclusion**. It should also include **references** where relevant and be structured into labelled sections. **Your report** should not be longer than **1500** words. Please, submit your **report** in a **PDF/MS WORD file**, and the use of various graphics, tables, and diagrams where necessary will improve your report.

Assessed Intended Learning Outcomes:

On successful completion of this assessment, you will be able to:

1. Define, analyse, and initialising a Git repository.
2. Create branch and merge changes to the master branch.
3. View differences between files or commits.



Handing in: Submissions should be made through MyDundee. Please, remember that late work will be penalised according to the rules outlined in the student handbook.

Due Date: Sunday 03/04/2022 23:59 Hrs

Marking Scale: A copy of the University Marking Scale can be found in the Student Handbook on MyDundee. It can also be found here: <https://www.dundee.ac.uk/registry/exams/assessmentscales/>

Good Academic Practice:

Please see the Student Handbook on MyDundee for information about marking, plagiarism, and referencing.

	Excellent A1-A2-A3-A4-A5	Very Good B1-B2-B3	Good C1-C2-C3	Satisfactory D1-D2-D3	Unsatisfactory MF1-BF
Report Structure	A clear outline and well-thought-out structure which enhances the report.	A structure that supports the comprehension of the reader.	Structure is present but some organisation or logical judgement is missing.	Basic structural elements are present but there is a lack of comprehensive structure.	Significant deficiencies of structure.
Content	Clear development of ideas supported by evidence and integrating good knowledge of ICT Management in the report. Focused on appropriate recommendations which have been examined in appropriate depth. The report is fully developed and coherent, containing nothing superfluous.	Ideas are developed and supported with evidence. Appropriate knowledge of ICT Management the report is demonstrated. Appropriate recommendations have been selected and examined. The report is cohesive and concise.	Content lacks development in some areas, with the connections between the report and work and wider sector context explored but not fully developed. Appropriate recommendations have been chosen, with some underdeveloped examination. Overall, there is a lack of cohesiveness across the work	Accurate but underdeveloped connections between findings and a) own work and organisation and b) wider industry. Content is broadly accurate and appropriate but poorly expressed or not logically presented. Appropriate recommendations have been selected. The report includes redundant material, points made are unsupported or poorly by evidence. Lack of coherence	Inappropriate selection of recommendations to examine. The content of the report is incorrect or inappropriate to the task. The report is poorly constructed and is lacking cohesiveness.



				across the whole piece.	
Report Presentation	Spelling, grammar, and presentation as required for a professional or academic standard. Length is appropriately judged. Written expression clearly demonstrates authority of the piece.	Spelling, grammar, and presentation as required for a professional or academic standard with occasional minor errors. Length is appropriately judged. Written expression is appropriate and shows some authority.	Standard of writing falls below the standard expected of professional or academic writing with some errors in spelling, grammar, or presentation. Written expression lacks authority.	Standard of writing does not meet the expected professional or academic level with regular spelling and grammar mistakes or other problems with the presentation of the report. Written expression detracts from the authority of the work.	Inadequate or excessive length. The standard of writing falls well below the expected standard. Poorly judged written expression that obscures the meaning or arguments in the text.