

Solent University Coursework Assessment Brief

Assessment Details

Module Title:	Module Title: DevOps (Development Operations)
Module Code:	COM619
Module Leader:	Dr Craig Gallen
Level:	6
Assessment Title:	Group Presentation
Assessment Number:	AE2 - Individual report
Assessment Type:	Report
Restrictions on Time/Word Count:	1500 words plus citations and appendix
Consequence of not meeting time/word count limit:	There is no penalty for submitting below the word/count limit, but you should be aware that there is a risk you may not maximise your potential mark. Assignments should be presented appropriately in line with the restrictions stated above; if an assignment exceeds the word count this will be taken in account in the marks given using the assessment criteria shown.
Individual/Group:	Individual
Assessment Weighting:	50%
Issue Date:	27-09-2023
Hand In Date:	
Planned Feedback Date:	5 weeks after submission
Mode of Submission:	Submission of report on SOL
Anonymous Marking	This assessment: is exempt from anonymous marking

Introduction

The purpose of this module is primarily to introduce Devops concepts and practices.

There are two assessments. Assessment, AE1 (50%), will assess your group's performances in developing an application.

This assessment AE2 (50%), will be an individual report reflecting upon the experience. This will be your opportunity to individually demonstrate your understanding of the concepts covered in class.

AE2 Assessment Task

You are to write a brief report discussing your reflections on your group's performance as a DevOps team. You may consider the choice of technology and the design choices. You may also consider how well your team worked together. To what extend did your team use best

practice in the industry. Were the tools chosen appropriate for the size of the project and the team. On reflection, how would you have approached the project if you had to do it again.

Your report should be your own work and well presented with contents and citations. Any additional information not part of the word count (and which may be shared across your team) may be included in the appendix.

The report must be no longer than 1500 words and, as a minimum, include the following sections:

- Title Page
- Table of contents
- Project details
 - The names of each team member.
 - A link to the GitHub repository used (there should be evidence of logical commits and an ongoing project).
 - A link to the deployed version of your application.
- Introduction
 - A short overview of the project and the outcomes.
- Project management
 - An explanation and justification of project management decisions made.
- DevOps workflow
 - An explanation and justification of the DevOps workflow followed. You should consider:
 - Continuous delivery/deployment.
 - Communication and collaboration.
 - Continuous Integration
- Reflection and future work
 - An honest, reflective account of the overall process.



Assessment criteria

	A1 – A4 Substantially exceeds expectations.	B1 – B3 Exceeds expectation in some aspects.	C1-C3 Meets expectation in most aspects, sometimes exceeding expectations.	D1-D3 Meets expectation	F1-F3 Does not meet threshold
Design and project Management (35%)	Excellent understanding of abstract concepts, theories and/or cutting edge practice, their implications, and applications.	Thorough understanding of abstract concepts, theories and/or cutting edge practice and several of their implications and applications.	Satisfactory understanding of the concepts, theories and/or practice that have been show in class.	Adequate understanding of the main concepts, theories and/or practice	Does not meet threshold.
DevOps Practices and rational. (35%)	Advanced, critically justified DevOps practices demonstrated.	Advanced, well justified DevOps practices demonstrated.	Techniques, mostly shown in class, have been applied.	Some techniques, mostly shown in class, have been applied.	Does not meet threshold.
Group Work (30%)	Evidence of excellent understanding of all aspects of team-working and leadership skills	Evidence of a high level of understanding of teamworking and leadership skills and the consequences..	Evidence of good understanding of teamworking and leadership skills.	Limited evidence of practical understanding of team-working and leadership skills.	Does not meet threshold.



Learning Outcomes

This assessment will enable you to demonstrate in full or in part your fulfilment of the following learning outcomes identified in the Module Descriptor:

Living CV

As part of the University's Work Ready, Future Ready strategy, you will be expected to build a professional, Living CV as you successfully engage and pass each module of your degree.

The Living CV outputs evidenced on completion of this assessment are:

1. provide a link to your team's github repository and documentation
2. describe your contribution to the project

Please add these to your CV via the Living CV builder platform on Solent Futures Online [Solent Futures Online](#)

Important Information

[Solent University Academic Regulations 2023-24](#)

Late Submissions

You are reminded that:

- i. If this assessment is submitted late i.e. within 7 calendar days of the submission deadline, the mark will be capped at 40% if a pass mark is achieved;
- ii. If this assessment is submitted later than 7 calendar days after the submission deadline, the work will be regarded as a non-submission and will be awarded a zero;
- iii. If this assessment is being submitted as a referred piece of work, then it must be submitted by the deadline date; any Refer assessment submitted late will be regarded as a non-submission and will be awarded a zero.

Assessment regulations

Extenuating Circumstances

The University's Extenuating Circumstances (EC) procedure is in place if there are genuine short term exceptional circumstances that may prevent you submitting an assessment. You are able to self-certify for up to two assessment dates in any semester without supporting evidence for an extension of up to seven calendar days for coursework or to defer an exam to the resit period.

Alternatively, if you are not 'fit to study' (or you have used up your two self-certification opportunities), you can request:

- an extension to the submission deadline of 7 calendar days, or
- a request to submit the assessment at the next opportunity, i.e. the resit period (as a Defer without capping of the grade).

In both instances you must submit an EC application with relevant evidence. If accepted under the university regulations there will be no academic penalty for late submission or non-submission dependent on what is requested. You are reminded that EC covers only short-term issues (20 working days) and that if you experience longer term matters that impact on your learning then you must contact the Student Hub for advice.

Please find a link to the EC policy below:

Extenuating Circumstances

Academic Misconduct

Any submission must be your own work and, where facts or ideas have been used from other sources, these sources must be appropriately referenced. The University's Academic Regulations includes the definitions of all practices that will be deemed to constitute academic misconduct. You should check this link before submitting your work.

Procedures relating to student academic misconduct are given below:

Academic Misconduct

Ethics Policy

The work being carried out must be in compliance with the university Ethics Policy. Where there is an ethical issue, as specified within the Ethics Policy, then you will need an ethics release or ethics approval prior to the start of the project.

The Ethics Policy is contained within Section 2S of the Academic Handbook:

Ethics Policy

Grade marking

The University uses an alpha numeric grade scale for the marking of assessments. Unless you have been specifically informed otherwise your marked assignment will be awarded a letter/number grade. More detailed information on grade marking and the grade scale can be found on the portal and in the Student Handbook.

Grade Marking Scale

Guidance for online submission through Solent Online Learning (SOL)

Online Submission