

# Solent University

## Coursework Assessment Brief

### Assessment Details

Module Title:	DevOps (Development Operations)
Module Code:	COM619
Module Leader:	Joe Appleton
Level:	6
Assessment Title:	Project Report
Assessment Number:	AE1
Assessment Type:	Report
Restrictions on Time/Word Count:	2000 words (Plus supporting appendices)
Consequence of not meeting time/word count limit:	There is no penalty for submitting below the word count limit, but students should be aware that there is a risk they may not maximise their potential mark.  Assignments should be presented appropriately in line with the restrictions stated above; if an assignment exceeds the limit this will be taken in account in the marks given using the assessment criteria shown. *
Individual/Group:	Group
Assessment Weighting:	50%
Issue Date:	September 2022
Hand In Date:	Friday 13 <sup>th</sup> January 2022 4.00pm
Planned Feedback Date:	4 weeks after hand in.
Mode of Submission:	A markdown document exported as a PDF
Anonymous Marking	This assessment is <b>exempt from anonymous marking</b> .

### Assessment Task

[Each team should submit a report demonstrating and justifying the work that has taken place to solve the assessment scenario. This is not an academic report, so no bibliography is required; however, you should link to external sources used to justify decisions.](#)

The report should be part of your solution and called “documentation.md”. It will be created in markdown and use markdown features (e.g., code highlighting, images, links, appropriate headings).

### Report Structure

The report must be no longer than 2000 words and, as a minimum, include the following sections:

- Title Page
  - 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.

## Submission

There will be one submission per team. You should submit a PDF export of the documentation.md markdown file. Markdown is designed to be portable, and you can generate a PDF using a command line tool like Pandoc or a markdown editor like Typora.

## Learning Outcomes

This assessment will enable students to demonstrate in full or in part the learning outcomes identified in the Module descriptors.

## Assessment criteria

Learning outcomes	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
<b>Design and project management</b>	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.
<b>DevOps practices and rational</b>	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.
<b>Group Work</b>	Evidence of excellent understanding of all aspects of team-working and leadership skills	Evidence of a high level of understanding of team-working and leadership skills and the consequences.	Evidence of good understanding of team-working and leadership skills.	Limited evidence of practical understanding of team-working and leadership skills.	Does not meet threshold.

## Late Submissions

Students are reminded that:

- i. If this assessment is submitted late i.e. within 5 working 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 5 working 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.

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2o-assessment-principles-regulations-temporary-amendments-for-covid-19-contingency-plans.pdf>

## Extenuating Circumstances

The University's Extenuating Circumstances procedure is in place if there are genuine circumstances that may prevent a student submitting an assessment. If students are not 'fit to study', they can either request an extension to the submission deadline of 5 working days or they can request to submit the assessment at the next opportunity (Defer). In both instances students must submit an EC application with relevant evidence. If accepted by the EC Panel there will be no academic penalty for late submission or non-submission dependent on what is requested. Students are reminded that EC covers only short term issues (20 working days) and that if they experience longer term matters that impact on learning then they must contact the Student Hub for advice.

Please find a link to the EC policy below:

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2p-extenuating-circumstances.pdf>

## Academic Misconduct

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

Procedures relating to student academic misconduct are given below:

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/4l-student-academic-misconduct-procedure.pdf>

## Ethics Policy

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

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

<https://staff.solent.ac.uk/official-documents/quality-management/academic-handbook/2s-solent-university-ethics-policy.pdf>

**Grade marking**

The University uses a letter grade scale for the marking of assessments. Unless students have been specifically informed otherwise their marked assignment will be awarded a letter grade. More detailed information on grade marking and the grade scale can be found on the portal and in the Student Handbook.

<https://students.solent.ac.uk/official-documents/quality-management/academic-handbook/2o-annex-3-assessment-regulations-grade-marking-scale.docx>

**Guidance for online submission through Solent Online Learning (SOL)**

<http://learn.solent.ac.uk/onlinesubmission>