

**College of Art, Technology**

**and Environment**

**aCADEMIC YEAR 2023/24**

Assessment Brief

# Submission and feedback dates

**Submission deadline:** Before 14:00 on 2 May 2024 is not eligible for 48 hours late submission window.

**Marks and Feedback due on:** 27 May 2024

N.B. all times are 24-hour clock, current local time (at time of submission) in the UK.

# Submission details

**Module title and code**: Distribute & Enterprise Software Development (UFCFTR-30-3)

**Component and type**: Project, In-class Demonstration*.*

**Assessment title:** Group project with demonstration

**Assessment weighting:** 60% of total module mark

**Size or length of assessment:**  N/A

**Module learning outcomes assessed by this task:**

1. Evaluate distributed and parallel computing concepts and paradigms with their legal, ethical, social and professional implications in developing large scale software systems.
2. Describe and evaluate the concepts and paradigms of modern enterprise systems with particular focus on components, interfaces, and services.
3. Apply a current industrial project management approach when undertaking a software development project.
4. Identify security issues in distributed or enterprise level software systems in order to implement preventive measures.

# Completing your assessment

**What am I required to do on this assessment?**

This is a group work with which students are to demonstrate their technical and teamwork skills. They are asked to work together in a (randomly allocated) team practicing modern project management methodologies to demonstrate their skills as part of software development team. The teamwork involves large scale software development via *component development*, use of external *services*, *security*, *containerisation,* and *teamwork performance.* The contribution of each student will be assessed individually following the marking scheme released as part of this assignment brief.

**Where should I start?**

Students are expected to start this coursework with meeting with the group members allocated by the tutors. No groups of friends are allowed in order to practice expected industrial standards. The following steps would be useful to consider:

1. Meet up with all group members, read the guidelines provided with the document named as *ProjectGuidelines.pdf.*
2. Read through *Case Study* file and start eliciting functional and non-functional requirements under the light of experiences gained from previous term, Autumn Term. Note that students taking the module UFCFUR-15-3 Artificial Intelligence will have a separate Case Study (*Case Study MLAAS*) which is in line with the assessment brief of that module team.
3. Make up “Product Backlog” from elicited requirements in the form of use cases or user stories.
4. Develop a rough plan for the complete project through 4 sprints, and then develop the action plan for the Sprint 2,
5. Deliver tasks planned as part of Sprint 2 and submit sprint report for evaluation; use *SprintReportTemplate.docx*.
6. Plan Sprint 3 and deliver the tasks planned for Sprint 3, the submit sprint report,
7. Demo Sprint 3 results,
8. Plan the final sprint, Sprint 4, deliver all tasks to completion,
9. Submit the project as a compressed file to BB and confidentially submit peer assessment form using the template provided with *PeerAssessmentForm.docx*.

**What do I need to do to pass?**

Reasonable contribution to the group project, which produces a working product that meets minimal requirements. These will be eventually discussed and released in due course.

**How do I achieve high marks in this assessment?**

Equal contribution to the teamwork that produced a working product delivers all requirements in a very/excellent/outstanding quality as described in making scheme.

**How does the learning and teaching relate to the assessment?**

All lectures and practical sessions are very relevant to this assessment. Particularly, attendance to practical sessions from Sprint 2 onward is a requirement since all individuals need to attend at least 6 stand-ups as part of individual contributions.

Students need to beware of that the final demonstration of the developed software will include Q/A to group members to assess the level of comprehension and understanding.

**What additional resources may help me complete this assessment?**

All required resources will be supplied via BB.

**What do I do if I am concerned about completing this assessment?**

UWE Bristol offer a range of Assessment Support Options that you can explore through [this link](https://www.uwe.ac.uk/study/academic-information/personal-circumstances), and both [Academic Support](https://www.uwe.ac.uk/study/study-support/student-support-advisers) and [Wellbeing Support](https://www.uwe.ac.uk/life/health-and-wellbeing/get-wellbeing-support) are available.

For further information, please see the [Academic Survival Guide](https://www.uwe.ac.uk/study/academic-information/academic-survival-guide).

**How do I avoid an Assessment Offence on this module? 2**

Use the support above if you feel unable to submit your own work for this module.

This is a practice-based assessment, no AO is expected unless the same project is submitted by multiple groups.

# Marks and Feedback

**Your assessment will be marked according to the following marking criteria.**

**You can use these to evaluate your own work before you submit.**

The marking scheme is provided in the file called *MarkingMatrix.pdf*

1. In line with UWE Bristol’s [Assessment Content Limit Policy](https://www.uwe.ac.uk/about/structure-and-governance/policies) (formerly the Word Count Policy), word count includes all text, including (but not limited to): the main body of text (including headings), all citations (both in and out of brackets), text boxes, tables and graphs, figures and diagrams, quotes, lists.
2. UWE Bristol’s [UWE’s Assessment Offences Policy](https://www.uwe.ac.uk/study/academic-information/assessments/assessment-offences) requires that you submit work that is entirely your own and reflects your own learning, so it is important to:
   * Ensure you reference all sources used, using the [UWE Harvard](https://www.uwe.ac.uk/study/study-support/study-skills/referencing/uwe-bristol-harvard)/[OSCOLA](https://www.uwe.ac.uk/study/study-support/study-skills/referencing/oscola) system (amend as appropriate) and the guidance available on [UWE’s Study Skills referencing pages](https://www.uwe.ac.uk/study/study-support/study-skills/referencing).
   * Avoid copying and pasting any work into this assessment, including your own previous assessments, work from other students or internet sources
   * Develop your own style, arguments and wording, so avoid copying sources and changing individual words but keeping, essentially, the same sentences and/or structures from other sources
   * Never give your work to others who may copy it
   * If an individual assessment, develop your own work and preparation, and do not allow anyone to make amends on your work (including proof-readers, who may highlight issues but not edit the work) and

**When submitting your work, you will be required to confirm that the work is your own,** and text-matching software and other methods are routinely used to check submissions against other submissions to the university and internet sources. Details of what constitutes plagiarism and how to avoid it can be found on UWE’s Study Skills [pages about avoiding plagiarism](https://www.uwe.ac.uk/study/study-support/study-skills/reading-and-writing/plagiarism).