

**Assessment details.**

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Version 23082024

**Software Demonstration (Group submission)**

10%, Due week 10 in normal studio session

**Unit Learning Outcomes.**

1. Work effectively in collaborative teams;
2. Develop and test a substantial piece of software or hardware;
3. Explain and reflect upon the purpose, operation, success and value of the developed project in writing and orally.

**Assignment Specification**

Teams will demonstrate their working code during week 10 studio sessions. Each team has **20 minutes** to demonstrate their software to the teaching staff at their team table. This time includes Q/A.

- Briefly explain the software architecture, its limitations and inputs and outputs involved.
- Briefly explain what and how the user requirements of the software are being satisfied.
- Demonstrate your software and explain how a typical end user would interact with it.
- Groups may, depending on the software / situation, be asked to demonstrate a variety of inputs.

The teaching staff may try parts of the software not demonstrated earlier. The development team may be asked to clarify or explain aspects of the software.

**Preparation**

1. The demonstration will be performed on a computer provided by the student team. Teaching staff will not operate or install software on their computer.
2. If the demonstration requires time-consuming data preprocessing or upload, this must be conducted before the demonstration begins.
3. Demonstration and Q/A must be completed within **20 minutes total time**.
4. The demonstration is intended to convince teaching staff that the software development is sufficiently advanced and that the final code to be delivered in week 12 will be acceptable.

**Marking criteria**

1. **All students must be present**, contribute to the demonstration, and be ready to answer questions about their contribution to the project.
2. **Team contribution pre-/final declarations are not applicable** to this assessment.

**Faculty of Information Technology**  
**FIT3162 Computer Science Project Part 2**  
**FIT3164 Data Science Project Part 2**

Criteria	Marks
Explanation of software architecture (10) Inputs (5) / Outputs (5) What requirements are being satisfied (10) Limitations of the software (10)	40
Software demonstration content (40) Ease of understanding of demonstration (10) Penalty for software errors observed* (max -20)	50
Additional demonstration at tutor/marker request and/or Q&A (10)	10
<b>Total</b>	<b>100</b>

\*The penalty will depend on the severity and impact of the errors, as would be experienced by the end user. Errors can be major or minor. A major error is one that prevents the end user from using the software as intended and severely disrupts their experience. A minor error is one that the end user can work-around and minimally disrupts their experience.

**Note: No submission is required. The submission link will only be used to upload the marks for teams.**

### **Late Submission**

1. Submission must be made by the due date. Late submission penalties will be deducted according to Monash University policy. (See Moodle, "Additional information and resources" section).
2. If you believe that your assignment will be delayed because of circumstances beyond your control such as illness, apply for an extension prior to the due date. Extensions and individual alterations to the assessment regime will only be considered using the University Special Consideration Policy (See [Special Consideration website](#), and follow the procedure).

### **Use of Generative AI tools in Projects and Assignments**

See this assessment's Moodle module for the policy regarding use of GenAI in this unit.