# Project: Instructions

**Assessment Resources:**

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| Marking key available for lecturer via Blackboard.  Students may refer to the lecture material (GitHub and Blackboard) in formulating their answers. |

**Assessment Instructions:**

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| Students must complete the assessment using the instructions on <https://github.com/NM-TAFE/civ-ipriot-smiley/tree/main> - completing all sections of the knowledge\_and\_evidence.md and submitting a zip of the repo  All answers must be at the student’s own words – copying generated code or answers from ChatGPT or other AI tools is **strictly** prohibited.  Please ensure that all instructions are followed **carefully**, and submissions are well-organized, clearly labelled, and accompanied by any necessary explanations or justifications. |

## Objectives

Apply your ability to evaluates the effectiveness of decisions, in terms of how well they meet the stated design specification and communicates relationships between ideas and information in order to demonstrate knowledge of the following:

* Processes and techniques related to object-oriented programming, including the concepts and language
* Syntax language rules, data types structures
* Primitive instance variables
* Class variables
* Polymorphism and inheritance
* Constructors
* Sequence, selection and iteration constructs
* Organisational documentation

## Tasks

All steps and code related to this task must be obtained via GitHub. If you have not been asked to use GitHub classrooms:

1. Fork the repository <https://github.com/NM-TAFE/civ-ipriot-smiley/tree/main> (you can use the instructions on the README.md if you need additional scaffolding)
2. Clone the repository and code locally
3. Follow the appropriate instructions for working with or without a Raspberry Pi
4. Complete all steps in **knowledge\_and\_evidence.md**
5. Upload your final code to GitHub
6. Download a zip and submit via Blackboard.