Assessment Brief

Subject Code and Name	ISK1002 - Industry Skills II
Assessment Number	3
Assessment Title	Collaborative Project Presentation & Reflection
Assessment Type	Group Presentation
Words, Size or Duration	1 ZIP file, a 10 minute presentation +/- 10%, 7 slides +/- 10%
Subject Learning Outcomes	SLO1, SLO4, SLO5
Submission Date / Time	Due by 11:55pm AEST Sunday end of Module 4.
Weighting	30%

Assessment Purpose

Presentation of work is one of the most effective ways to communicate your skills & work ethic to your peers & prospective employers. While this may take away from a developer's development time, it provides a fantastic opportunity for feedback & growth while also allowing a developer to show off & market themselves.

In IT projects, it's crucial for all professionals involved to have an understanding of their work & how to integrate it with the work of others. This typically takes the form of version control workflows & clear collaborative processes. Importantly, being able to reflect & improve upon a project's collaborative workflow helps improve the quality of work for all developers involved as well.

To solidify your understanding of collaborative IT projects and collaborative workflows, you should be able to show your ability to reflect upon a project's development process, version control workflow & analyse its strengths and flaws.

Assessment Task / Item

For this assessment, you must submit a ZIP file containing the following:

- a recording of a presentation of a full stack application project
- the slides or other presentation content used in the presentation

The presentation must demonstrate the full stack application and explain the development process behind that project.

The presentation is a group assessment.

Assessment Brief

Assessment Instructions

This assessment requires you to present and discuss your work on a software project. That project can be one that you have worked on previously, such as a group full stack application project, or one that you created specifically for this presentation. Either way, the project must've been worked on in a collaborative group. Each group member of that project must be a student that is also doing this assessment, and must be available to participate in the presentation (detailed below).

With reference to a group project as noted above, present your work & explain to the audience these key pieces of information:

- The purpose, goal, or problem that the project is addressing
  - Use at least one external source or reference that provides relevant information about the purpose, goal, or problem
- How the purpose, goal or problem is being addressed by the project
- The collaborative workflow used by the development team on the project, including information on:
  - The task allocation process within the team
  - The version control workflow used within the team
  - Any difficulties encountered developing the project as a team
  - Anything that could be done differently if the project were to be redone by the team in future as a reasonable improvement to the collaborative workflow

As part of the presentation, **each group member** must talk about their own:

- Skills used throughout the project
- Skills or experiences gained throughout the project
- At least one feature or piece of application functionality that that team member developed
- At least one problem or hurdle that that team member faced during the project & how it was overcome
- At least one thing that that team member would do differently if given more time or a chance to redo the project

The presentation must Include a walkthrough or showcase of the application and its features and go for no longer than 10 minutes.

Presentation slides containing the above information must be included in the submission in PDF format.

A recording of the presentation must be included in the submission as either:

- A file in a video format, such as MP4.
- A URL to a video hosting platform, such as YouTube or Vimeo.

Assessment Brief

Submission

All work must be submitted via Canvas, in the assignments section appropriate to this brief. Every team/group member for the presentation must make a submission for this assessment. Please ensure the above mentioned submission date and/or time are adhered to, or penalties may apply.

When submitting your work, please save your files using the naming convention below.

[Student_ID]_[Surname]_[First Name]_[SubjectCode]_[Assessment_#].ZIP

E.g.: **1234_Singh_Visha_PRG1002_Assessment_01.ZIP**

For more information on late submission, please see the **Assessment Policy**.

Academic Integrity

The integrity of the assessment process is fundamental for ensuring appropriate evaluation at AIT. All work submitted should be your own, and where additional resources are used, they must be referenced according to the Harvard style. Additionally, TurnItIn is available in the LMS to test plagiarism in your writing.

For more information on academic integrity, please see the **Academic Integrity** and **Academic Integrity Penalties Policies**.

Appeals

Fair application of the assessment rubric, rules and guidelines should be administered for each assessment. If you feel an evaluation requires further consideration, you may be entitled to an appeal.

For more information on your right to an appeal, please see the **Assessment Appeals Procedure and Policy.**

Policies

For access to the policies mentioned above and related to education at AIT, please see the underline footer of the AIT website, and follow the link named **Education Policies and Procedures.**

Website: https://www.ait.edu.au

Assessment Brief

C/A

Assessment Rubric

Task Descriptor	(HD) High Distinction (85-100%)	(D) Distinction (75-84%)	(C) Credit (65-74%)	(P) Pass (50-64%)	(F) Fail (0-49%)
PRESENTS information as required by the brief **10%** SLO 5	Presents ALL information as required by the brief to a THOROUGH level of detail.	Presents ALL information as required by the brief to a LOW level of detail.	Presents MOST information as required by the brief to a THOROUGH level of detail.	Presents MOST information as required by the brief to a LOW level of detail.	Provides LESS THAN HALF of the required information as specified by the brief.
EXPLAINS the problem or scenario that a project is addressing to a professional level **10%** SLO 5	Meets D requirements plus refers to target user information such as target market information OR user stories.	Meets C requirements plus refers to AT LEAST ONE existing similar/competing projects that address the same problem or scenario to support their explanation.	Explains the problem or scenario that a project is addressing and uses AT LEAST ONE external source or reference to support their explanation.	Explains the problem or scenario that a project is addressing WITHOUT USING any external sources or references to support their explanation.	Does NOT explain the problem or scenario that a project is addressing at all, or provides an unclear or incomplete explanation.
EXPLAINS the process behind developing code to address a project's needs **10%** SLO 4	Explains the development process for code that addresses a project's needs in descriptive terms with AT LEAST TWO specific code examples or needs mentioned.	Explains the development process for code that addresses a project's needs in descriptive terms with ONE specific code example or need mentioned.	Explains the development process for code that addresses a project's needs in general terms with ONE specific code example or need mentioned.	Explains the development process for code that addresses a project's needs in general terms with no specific code or needs mentioned.	Does NOT explain any process behind developed code relevant to the project.
IDENTIFIES & EXPLAINS problems and solutions during the programming of a project **10%** SLO 4, SLO 5	Identifies & explains AT LEAST THREE problems encountered during a relevant programming project, and explains a solution for EACH of those problems.	Identifies & explains AT LEAST TWO problems encountered during a relevant programming project, and explains a solution for AT LEAST ONE of those problems.	Identifies & explains AT LEAST ONE problem encountered during a relevant programming project, and explains a solution for AT LEAST ONE of those problems.	Identifies AT LEAST ONE problem encountered during a relevant programming project and explains a solution for AT LEAST ONE of those problems.	Does NOT discuss any problem & solution to a programming-related problem that appeared during the project.

Assessment Brief

IDENTIFIES & EXPLAINS skills used or grown during a project **10%** SLO 5	Identifies skills used AND skills grown during a project, and explains how skills were used & how skills were grown.	Identifies skills used OR skills grown during a project, and explains how skills were used OR how skills were grown	Identifies skills used AND skills grown during a project.	Identifies skills used OR skills grown during a project.	Does NOT reflect on any skills used during the project AND on any skills grown or gained throughout the project.
PRESENTS a project's result in a professional manner **10%** SLO 5	Presents an application that was developed for the project that is COMPLETELY FINISHED and has NO issues or errors, and the presentation of the application has ONE OR FEWER issues.	Presents an application that was developed for the project that is MOSTLY-FINISHED and has NO issues or errors, and the presentation of the application has THREE OR FEWER issues.	Presents an application that was developed for the project that is MOSTLY-FINISHED and has SOME issues or errors, and the presentation of the application has THREE OR FEWER issues.	Presents an application that was developed for the project that is MOSTLY-FINISHED and has SOME issues or errors, and the presentation of the application has FIVE OR FEWER issues.	Does NOT show the application developed for the project.
EXPLAINS usage of a version control workflow with reference to a group project **15%** SLO 1, SLO 4	Explains the usage of a version control workflow within the context of an appropriate group project with specific reference to or example of ALL of the following features: branching, forking, automated testing, automated building/deployment.	Explains the usage of a version control workflow within the context of an appropriate group project with specific reference to or example of AT LEAST THREE of the following features: branching, forking, automated testing, automated building/deployment.	Explains the usage of a version control workflow within the context of an appropriate group project with specific reference to or example of AT LEAST TWO of the following features: branching, forking, automated testing, automated building/deployment.	Explains the usage of a version control workflow within the context of an appropriate group project with specific reference to or example of AT LEAST ONE of the following features: branching, forking, automated testing, automated building/deployment.	Does not explain a relevant version control workflow for an appropriate group project, or the version control workflow does not use any required features.
EXPLAINS how group communication was handled with regards to a project's version control workflow **15%** SLO 1	Explains communication processes with reference to AT LEAST FOUR situations or scenarios that occurred during a project with relevance or with context to a project's version control workflow.	Explains communication processes with reference to AT LEAST THREE situations or scenarios that occurred during a project with relevance or with context to a project's version control workflow.	Explains communication processes with reference to AT LEAST TWO situations or scenarios that occurred during a project with relevance or with context to a project's version control workflow.	Explains communication processes with reference to AT LEAST ONE situation or scenario that occurred during a project with relevance or with context to a project's version control workflow.	Does not explain any relevant information about group communication within the context of a project's version control workflow.

Assessment Brief

REFLECTS on how communication, collaboration and problem solving as a team could be improved for future development work **10%** SLO 1, SLO 4	Provides AT LEAST TWO improvements for EACH OF communication, collaboration, and problem solving processes that could be used for future development work.	Provides ONE improvement for EACH OF communication, collaboration, and problem solving processes that could be used for future development work.	Provides TWO improvements for EITHER communication, collaboration, or problem solving processes that could be used for future development work.	Provides ONE improvement for EITHER communication, collaboration, or problem solving processes that could be used for future development work.	Does not show any reflection or thought towards improving the communication, collaboration or problem solving processes for future development work.