Feedback for ACCB5029 – Component 1 Implementation

Date of Assessment: 14/01/2025 Date of Feedback: 24/01/2025

Module: ACCB5029 Student Name: Zeyu Xie

Engagement with Literature Skills	0	0
Knowledge and Understanding Skills	12.2	25
Cognitive and Intellectual Skills	14.7	30
Practical Application Skills	3	20
Transferable Skills for Life and Professional Practice	17.7	25
Total Marks	**47.6**	**100**

Engagement with Literature Skills – 0 Marks

Knowledge and Understanding Skills – 25 Marks

You should clearly explain why your team chose this particular task and how it aligns with real-world scenarios. We expect a well-structured plan detailing what the project aims to achieve and why you chose the specific tool or API.

Your GitHub repository should be publicly accessible or access should be provided to assessors. The repository must include a README file with instructions on how to run the application or playbook.

We expect you to demonstrate a strong understanding of the project, including how the code works, the challenges you faced, and how you overcame them. You should be able to answer technical questions confidently and explain your decisions clearly.

Each team member should clearly state their role in the project and what tasks they completed. You should also provide a brief reflection on what you learned, how you applied the concepts in practice, and what improvements you would make in the future.

By meeting these expectations, you will demonstrate a comprehensive understanding of the project's technical aspects and your ability to apply that knowledge in a real-world context.

+ Options justified. However, Aim and Choice of API needs more improvement
+ Link provided. However the Link doesn't work.
+ Answers to Technical Questions need to be focused.
+ Brief reflection on APIs done

Cognitive and Intellectual Skills – 30 Marks

Your project should have clear, specific, and achievable objectives that are aligned with the task requirements. The Gantt chart should illustrate key milestones, task deadlines, and team responsibilities. We expect to see evidence of time management and adjustments made based on project needs.

Your GitHub repository should show a clear history of changes, with frequent commits that reflect ongoing work. Use branches for feature development and pull requests for code

reviews. The repository should demonstrate effective source code management and collaborative problem-solving.

We expect your project to be well-tested, with evidence of error handling and debugging. Testing should cover both functional testing (e.g., API responses) and edge cases (e.g., handling network failures or invalid inputs). You should also propose future enhancements to improve scalability, functionality, or performance.

During the Q&A, we expect you to demonstrate cognitive and intellectual skills by explaining how you identified and solved challenges during the project. You should be able to discuss testing strategies, how you handled errors, and future improvements with confidence.

Each team member should provide a reflection on their specific contributions and the challenges they faced. This includes how you handled technical issues, managed your time, and collaborated effectively with the team. We expect you to discuss what you learned from the experience and how you adapted to challenges.

By meeting these expectations, you will demonstrate your ability to plan and manage projects, solve technical challenges, and reflect critically on your learning experience.

+ Objectives set and Gantt Chart Presented. Time Management is the Key. Requires attention.
+ Could not access GitHub Repository. Poor Version Control and SC Management
+ No Error handling done. Future Enhancements discussed.
+ Could have discussed as a Team and handled Testing, Error handling with more confidence
+ Well reflected on the challenges, Technical Issues and learning

Practical Application Skills – 20 Marks

We expect to see that you have applied your practical skills to create a working solution. This includes using appropriate tools (e.g., Ansible, Python, Flask) and ensuring the solution meets the requirements. The project should reflect your ability to translate theoretical knowledge into practical implementation.

Your demonstration should be clear and structured, showing how your solution was implemented and what it achieves. You should be able to explain the technical aspects (e.g., how the API requests work, or how the playbook updates a router configuration) and the final outcomes (e.g., successful network update or API response).

Your project should include a CI/CD pipeline to streamline development and deployment. We expect you to demonstrate automated testing (e.g., using pytest or Ansible playbook checks) and error handling to catch and manage issues gracefully. Additionally, logging should be used to provide insights into the system’s behavior and help with debugging.

By meeting these expectations, you will demonstrate your ability to apply practical skills, deliver a working solution, and implement best practices in testing, error handling, and CI/CD pipelines to ensure a high-quality project.

- Didn't do much with the Implementation
- CI/CD, Logging etc not implemented

Transferable Skills for Life and Professional Practice – 25 Marks

We expect to see evidence that you've applied transferable skills throughout the project, from team formation to presentation and Q&A. You should reflect on how these skills helped you manage tasks, collaborate effectively, and overcome challenges.

We expect each team member to have a defined role (e.g., project manager, developer, tester) and for you to explain why these roles were assigned. You should also demonstrate how you used communication tools to keep the team informed and organized.

Your Gantt chart should include key milestones, task assignments, and deadlines. We expect you to demonstrate how you tracked progress and made adjustments to ensure project completion on time.

You should provide an honest and fair assessment of your team's performance, highlighting both strengths and areas for improvement. Each team member's contributions should be recognized.

We expect team members to support each other during the Q&A and provide coherent answers. You should also reflect on teamwork dynamics and conflict resolution during the session.

Each team member should reflect on their personal experiences, including how they contributed, challenges faced, and skills gained. We also expect you to explain how you resolved conflicts and managed time effectively.

By meeting these expectations, you will demonstrate your ability to work effectively as a team, manage time and tasks, resolve conflicts, and apply transferable skills that are valuable in both academic and professional environments.

- Team Formation could have been done a bit earlier. However, transferable skills throughout the project was showcased well.
- Objectives and Gantt Chart presented. Any document that you submit must be in English
- Team Rating Not done in the Documentation. Demonstrated during the presentation
- The Group lacks supporting each other during Q&A.
- Personal reflections done well