

Full Name: Elton Marumbwa ST10453820

WIL Portfolio of Evidence (POE)

Group Members:

Donel Ntambwe ST10434784

Emmanuel Olafisoye ST10450437

Ngakane Samuel Mogashoa ST10453678

YouTube Video links: <https://m.youtube.com/watch?v=c9CpavrgaHc>
: <https://youtu.be/2HRb7CE9fo0?si=IQcTyyXjynsKVhzC>

GitHub Link: <https://github.com/Donel21/XHAW-GROUP-WORK-POE.git>

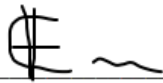
Declaration of authenticity

I, Elton Marumbwa ID Number, FN823721 hereby

declare that this portfolio, and any evidence included therein, contains my own independent work and that I have not received help from other groups.

I confirm that we have not committed plagiarism in the accomplishment of this work, nor have I falsified and/ or invented experimental data.

I accept the academic penalties that may be imposed for violations of the above.



STUDENT SIGNATURE

22 November 2024

DATE

ANNEXURE A – Plagiarism

ANNEXURE B – Peer Evaluation

PEER EVALUATION (NOT TO BE SHARED WITH TEAM MEMBERS)

GROUP NAME/NUMBER:4..... **DATE:**22 November 2024.....

Please rate each of your project team members using the following scale detailed in the assessment criteria descriptions provided. Marks received from each member of the team will be added up and then averaged. Each team member must have a separate evaluation form completed.

Name of student being evaluated:		Never	Seldom	Frequently	Always
		0	1	2	3
<div style="border: 1px solid black; padding: 5px; display: inline-block;">Donel Ntambwe</div>					
The student's personal work					
1.	The student contributed good ideas that added value to the project.			✓	
2.	The student performed their tasks in line with what was expected of them.				✓
3.	The student produced high quality work.			✓	
4.	The student managed their own time well and met deadlines.			✓	
5.	The student connected their own learning and skills to a real-world problem.				✓
The student's work as part of a team (when relevant)					
6.	The student accepted responsibility for a fair portion of the tasks.			✓	
7.	The student was an enthusiastic member of my team.				✓
8.	The student helped others to be successful.			✓	
9.	The student worked well with other members of the team.				✓
10.	The student showcased respect and dignity towards all members of the team.				✓

Comments:

Donel Ntambwe was a valuable contributor to the project, offering innovative ideas and consistently delivering high-quality work. They managed their time effectively and met deadlines, ensuring their tasks were completed as expected. Donel worked well with the team, showing enthusiasm and supporting others when needed.

NAME: Elton Marumbwa

SIGNATURE: 

ANNEXURE C**Reflective Report: Self-Evaluation of Work-Integrated Learning (WIL) Experience****Introduction**

Work-Integrated Learning (WIL) is an essential part of my academic journey, particularly as I pursue a Higher Certificate in Web and Mobile Application Development. WIL bridges the gap between classroom theory and real-world application, providing students with valuable hands-on experience in the workplace. During my time at Empowering the Nation, I learned critical skills such as web and mobile application development, debugging, and coding. This experience not only enhanced my technical capabilities but also helped me improve my communication, problem-solving, and teamwork skills, all of which are crucial for my future career in technology.

Skills Learned**1. Industry-Specific Practices**

- One of the key skills I gained during my WIL was learning how to build both web and mobile applications. Specifically, I worked on projects for **Empowering the Nation**, where I was involved in developing user-friendly websites and mobile applications. I learned to incorporate responsive design principles, ensuring that applications functioned well across a range of devices.
- I also had the opportunity to debug and fix errors in the code. Debugging involved identifying issues in the applications, correcting syntax or logic errors, and ensuring smooth functionality. Additionally, I gained experience in inserting images and integrating them into web pages and mobile app layouts. I was also tasked with writing logic codes that formed the backbone of the applications' functionality, ensuring that they performed as expected.

2. Interpersonal Communication Skills

- Throughout my WIL, effective communication was a key component. I participated in team meetings where I provided updates on the tasks I was working on and collaborated with my teammates to resolve any challenges. During these sessions, I learned the importance of clear and concise communication, especially when discussing technical aspects of development or debugging.
- I also actively contributed to brainstorming sessions, providing ideas for improving user interfaces and optimizing application features. Receiving feedback from colleagues and giving constructive input to others enhanced my interpersonal communication skills.

3. Management Skills

- Effective time management was essential during my WIL placement. I used project management tools such as Trello and Jira to keep track of tasks, prioritize my workload, and meet deadlines. I was often tasked with completing certain modules of a project within a specific time frame, and I learned how to manage my time effectively to ensure timely delivery.
- There were moments when unexpected issues arose, such as bugs that delayed progress or new features that required urgent adjustments. In these situations, I was able to apply crisis management techniques, quickly identifying the issues and resolving them efficiently to minimize disruption to the overall project timeline.

Role in the Team

During my WIL placement, I worked closely with a team of developers and project managers. My role was primarily focused on application and website development, with specific responsibilities for coding, debugging, and UI/UX integration.

1. **Group Members:**

- **Donel Ntambwe** (ST10434784)
- **Emmanuel Olafisoye** (ST10450437)
- **Ngakane Samuel Mogashoa** (ST10453678)

2. **Leadership Responsibilities and Instruction**

- While I was not in a leadership position, I was entrusted with responsibilities that required me to take initiative and manage certain tasks independently. I followed the guidance provided by the project manager and senior developers, who instructed me on specific technical aspects of the projects.

3. **Contribution to Team Success**

- My main contributions to the team involved writing and testing code for both web and mobile applications, ensuring that the final product was both functional and aesthetically pleasing. I also worked on fixing bugs and improving existing features. I collaborated with my team members to review each other's code and provide suggestions for improvements.
- My team members, **Donel**, **Emmanuel**, and **Ngakane**, each had their areas of expertise, and we collaborated closely to combine our skills and deliver high-quality results.

4. **Group Dynamic and Conflict Resolution**

- The team maintained a positive, collaborative dynamic throughout the project. In instances where there were disagreements or technical challenges, we handled them professionally by discussing possible solutions openly. For example, when faced with a design challenge for a mobile app, we held a meeting where everyone shared their opinions, and together we reached a consensus on how to proceed.
- My ability to mediate discussions and find common ground helped to maintain a harmonious team environment, ensuring that we could stay focused on our tasks and meet deadlines.

Research, Technology, and Presentation of Information

1. **Research Scenarios**

- A key task during my WIL was researching new technologies to implement into our web and mobile applications. For example, I was tasked with researching a new JavaScript framework that could improve the functionality of our website. I searched through online forums, developer communities, and official documentation to find the most relevant and reliable information.
- Additionally, I researched mobile app performance optimization techniques to ensure our app could handle many users without compromising speed or performance.

2. Where Information Was Found

- I used several resources for my research, including Stack Overflow, GitHub, and the official documentation for JavaScript and mobile app frameworks. These sources provided detailed information on best practices, troubleshooting techniques, and code examples that I could implement directly into my work.

3. Technology Used

- For research, I used my laptop and a variety of online tools like Chrome Developer Tools and Postman for testing API requests. In presenting my findings to the team, I used PowerPoint to create clear reports and summaries, which I then shared during team meetings to discuss possible implementation strategies.

Personal Strengths and Weaknesses

1. Strengths

- I excelled in coding and debugging tasks, where I was able to identify and resolve issues efficiently. My attention to detail allowed me to catch errors that could have otherwise disrupted the functionality of the applications.
- I also performed well in collaborative settings, where I communicated effectively with my team and contributed valuable ideas to improve the projects.
- Additional strengths I discovered include problem-solving, time management, adaptability to new tools, and the ability to stay focused under pressure.

2. Weaknesses

- One area I struggled with was managing larger, more complex tasks that involved multiple dependencies. Sometimes I found it difficult to

prioritize tasks effectively, leading to delays in delivering certain components of the project.

- I believe this issue arose from a lack of experience in dealing with complex workflows and larger teams. To improve, I plan to use more structured time management methods, such as breaking tasks into smaller chunks and using more advanced project management tools to track progress more effectively.

Stakeholder Relationship

What Worked Well

- My relationship with the WIL coordinator and workplace mentor was very positive. They provided clear instructions and regular feedback, which helped me improve my work. My mentor was always available to offer support and guidance when needed, ensuring that I stayed on track with my tasks.

What Could Have Been Improved

- One area I could have improved upon was seeking more frequent feedback during the early stages of my tasks. This would have allowed me to refine my approach and avoid mistakes later on. Being more proactive in asking for feedback could have also helped me develop faster in my role.

Impact

Contribution to the Organization

- During my time at Empowering the Nation, my contributions helped improve the overall quality and functionality of the applications we were developing. I was able to contribute to the development of both web and mobile applications that served the company's clients. My attention to detail in debugging and testing reduced the number of errors and improved user experience.

Positive Impact

- I believe my impact on the organization was significant in terms of both productivity and quality. By contributing to the technical aspects of the projects, I helped ensure timely delivery and high standards, which ultimately benefited the clients and users of the applications.
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Conclusion

In conclusion, my WIL experience at Empowering the Nation has been a highly rewarding opportunity. It has allowed me to build practical skills in web and mobile application development, including coding, debugging, and UI/UX design. I have also developed valuable interpersonal and management skills, such as effective communication, teamwork, and time management. My contributions to the team and the organization have positively impacted the projects I worked on, and I look forward to applying the skills I've gained to future roles in the industry.