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# Work-Integrated Learning (WIL) Reflective Report

## Introduction

WIL is an opportunity for students to gain valuable real-world experience by working on projects that simulate the operations and challenges of actual companies. Through this process, I learned how to manage a project from start to finish, collaborate effectively with a team, and navigate the challenges of building a professional application.

## Skills Learned

During the WIL experience, I acquired and developed several key skills:

* **Teamwork and Collaboration**: Working closely with my team to balance responsibilities and support one another.
* **Communication**: Engaging effectively with both team members and stakeholders to ensure everyone was aligned on goals and progress.
* **Pitching and Selling an Idea**: Gaining confidence in presenting our concepts and solutions.

## Role in the Team

My primary responsibility was working on the front-end development of the application. However, due to the small team size, I contributed to both front-end and back-end development to help balance the workload.

### Challenges Faced*:*

* + Migrating the application to an online database.
  + Troubleshooting errors in the workflow, which required significant time and effort to resolve.  
    Despite these challenges, I successfully overcame them through persistence, research, and teamwork.

## Research, Technology, and Presentation of Information

Research played a critical role in overcoming technical challenges during the project.

* **Scenario 1**: When errors arose in the workflow, I conducted extensive research to identify and implement a solution.
* **Scenario 2**: Researching and selecting the best-suited database for the application to ensure scalability and efficiency.
* **Tools Used**: Online resources, technical documentation, and community forums.
* **Presentation**: I communicated research findings clearly to the team, helping us make informed decisions about the project.

## Personal Strengths and Weaknesses

### Strengths:

* + Leadership: I took initiative in problem-solving and guiding the team.
  + Problem-Solving: I resolved several technical challenges efficiently.
  + Researching: I effectively found and applied solutions to improve the project.

### Weaknesses:

* + Lack of experience with Firebase: Initially, I struggled with using Firebase, but I dedicated time to learning and quickly caught up to meet project demands.

## Stakeholder Relationship

My interactions with stakeholders were professional, clear, and respectful. I ensured that deadlines and boundaries were maintained, which facilitated positive relationships.

* **Area for Improvement**: Developing stronger skills in pitching and presenting ideas professionally to better communicate the value of our work.

## Impact

My presence in the team had a positive impact, particularly in solving technical challenges. My problem-solving abilities allowed the team to overcome workflow errors and database issues, enabling us to stay on track and meet our goals.

## Conclusion

Overall, my WIL experience was incredibly rewarding. It gave me the opportunity to apply and expand my skills in a practical setting while overcoming real-world challenges. I learned the value of collaboration, leadership, and adaptability, and I gained confidence in my ability to handle technical issues and work professionally with stakeholders. Although there are areas where I can improve, such as pitching and presenting ideas, I am proud of the contributions I made and the skills I developed during this project.

