SELF EVALUTION REFLECTIVE REPORT

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Introduction

WIL is a crucial educational approach that incorporates academic study alongside practical workplace experience. This approach enables students to apply theoretical knowledge in real world scenarios, enhancing their knowledge and understanding of real-world practices. WIL allows for personal and professional growth, as it bridges the gap between a classroom and the workplace and prepares students to meet the demand of the careers fields they intend on pursuing with confidence and the ability to adapt.

Skills Learnt

- Proficiency in Android Kotlin development
- Working with a firebase (database)
- Working with Rest API and web services
- Version control (GitHub)
- Devops and CI/CD
- Backend integration
- UI/UX design using wireframes
- Frontend integration
- Project management

Each of the skills listed above were utilized in various scenarios, UI/UX design I used for the mockup design of the wireframes on Figma. Version control was a skill I used when creating the GitHub repository as well as trying to perform some GitHub actions. Rest API and webservice skills were used when I had to implement the bible page in which users would need to read the bible.

Role in team

My primary role was in backend, even so I played a dynamic role by assisting in both frontend and backend as well and the version control section of the application, wherever issue may have occurred I made myself of assistance to help concur the issues.

Research, technology and the presentation of information.

Scenario 1: I had to implement the bible page in which users would be able to read the bible from with the application, I was expected to research on the several ways to

complete this task. I decided that the use of webservice on android studio would be the best approach for this task. The information to complete the task was found on YouTube and various sites on the internet. I had to bring the information forward to my colleagues so that we could move forward on the implementation.

Personal strengths and weaknesses

I excelled in the Ui/ux design as well as the implementation of certain pages in the backend. The strengths I have are time management, communication issues arise, ui/ux design, backend integration, problem solving and adaptability. The weaknesses would be perfectionism, time management under pressure, public speaking and project documentation.

Stakeholder relationship

My interactions with stakeholders, such as team members and supervisors, were professional and respectful. I ensured clear communication by providing regular updates on tasks and maintaining transparency about challenges faced during the project. This approach fostered a positive and collaborative working environment.

Impact

My contributions had a significant positive impact on the project. By taking the lead on backend development and assisting with frontend and version control, I ensured that tasks were completed efficiently and with high quality. Implementing the Bible page using a web service was a critical feature that enhanced the app's functionality. My problem-solving abilities enabled the team to overcome technical hurdles, keeping the project on track and aligning with its goals.

Conclusion

Overall, my WIL experience was incredibly enriching. It allowed me to apply my technical skills in Android Kotlin, Firebase, and REST APIs in a real-world setting while learning to adapt to challenges in the workplace. I gained valuable insights into teamwork, problem-solving, and project management. Although I identified areas for improvement, such as public speaking and time management under pressure, I am proud of my contributions to the team and the professional growth I achieved through this experience.

Declaration of authenticity

I, Boitshepo Mazabane ID Number, 0307165237081

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.

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STUDENT SIGNATURE   **DATE**