**Chapter 5: Conclusions**

* 1. **Introduction**

In this chapter, we will discuss all the shortcomings we faced and its solution. We also will discuss what went right and wrong during developing this project, lesson we learned from this Final Year Project 1, the further improvement, and the future work for this project.

* 1. **Shortcomings and Solutions**

1. **Lack of Experience and Knowledge in Developing Android Application**

We have no experience and we have never learned to develop Android application before. The lack of this experience and knowledge can be solved by learning from the books, internet, consult with our supervisor, and watching the video tutorial to understand step by step the process of developing an Android application.

1. **Communication**

While developing this project, we mostly meet up to discuss about the project when we have class on campus and we rarely had time to meet up outside the class schedule on campus to discuss about the project on campus. It is because we have other assignments and projects that we have to complete.

To overcome this problem, our solutions is to use Line (instant messaging application) to communicate about the project since communication is important while working as a team to solve the problem. We also use Google Drive to share the project to each other and make evaluate about the project.

* 1. **What Went Right**

In this project, there are many tasks we have been completed and it is completed as we expected. Those tasks are as follows:

1. **Prototypes**

The prototypes of two use cases have been completed and it is worked as we expected. We watched the video tutorial as the guideline in order to develop the prototypes, so that the prototypes of our application worked well.

1. **Project Testing**

The project testing of two use cases which are register and login have been finished. We followed some guideline in order to test the prototypes. We also did not find any errors or bugs that occurred during project testing.

* 1. **What Went Wrong**

During developing the project, there are some problems that we have to face it and it causes a few things did not work well. Those things are as follows:

1. **Schedule**

We have planned our project schedule, but there are some things that make our project schedule is not in accordance with what we previously planned. It is because we have to take some times to learn the guideline in order to develop the application.

* 1. **Lesson Learned**

1. **Time Management**

Time management is important in developing a project. We need to managed our time in order to fulfil all the requirement before the deadline. In this Final Year Project 1, we managed and completed two use cases and document in time.

1. **IntelliJ IDEA**

We develop this project using IntelliJ IDEA as an IDE in developing the application. This software is using Java as programming language. There are some things that make it different from the Java programming language that we learned in the class. These different things become a new lesson that we have to learn in developing this project

* 1. **Further Improvement**

In this Final Year Project 1, we have completed all requirement that are needed. We also have explained all use cases in this Final Year Project 1. However, there are some things that we need to explain more about our application and how it works. We also need to improve few things in our application such as the user interface design, in order to make our application looks better.

* 1. **Future Work**

In this Final Year Project 1, we have completed the prototypes and project testing for two use cases, which are register and login. We also completed the documentation for the Final Year Project 1. We also need to fulfil all requirement that are needed for the application so that in the future, our application can be useful for all users to help them in order to find the MUAs or beauty salons.

* 1. **Conclusion**

BeautéPanda is an Android application for beauty enthusiasts in Bali. This mobile application will let the user to find MUAs or beauty salons, make an appointment with MUAs or beauty salons, read about beauty related news, and it also let the user to send the message to MUAs or beauty salons in order to find further information. We already made the analysis artefact and design artefact for 20 uses cases for this project. However, we already completed the prototypes and project testing for two use cases, which are register and login page.

In developing this project, we got many experiences and we also gained a lot of lesson. We learned about time management and Android application development. With all of the lesson and experience, we hope that it will help us in developing the project and fulfil all of the requirement that are needed in order to complete the project