**CHAPTER 1: PROPOSAL**

* 1. **Introduction**

In this Era, from year to year many people want to look beautiful everyday especially for all women. If talking about beauty, it will always be related to makeup. Nowadays, makeup is growing up rapidly time by time. If talking about makeup, it will never end. It has become a daily *‘clothes’* for women.

Many people are like to browse the internet with the keyword *‘makeup’* to get inspirations and to learn about makeup. This signifies that the development of makeup trends from year to year is growing rapidly as if becoming a rival fashion trends. The problem is not many people have time to do a makeup by their own and not many people have time to learn and practice for makeup. The last chance, they decide to hire for salon or makeup artist as known as MUA help them.

However, in Bali many events that we can meet such a wedding party, graduation, and so on, and it need helps from the makeup artist to make look more beautiful. So, we can meet many makeup artists or salon with different services that they provided to the customers, for example the prices, it depends on what makeup look that the customer wants.

Nowadays, there are many people who provide these services and it makes the customers are confused to choose which MUA or salon that have good price, have better quality, and so on. The other problem is the customer should find the information about makeup artists one by one in the internet or social media such an *Instagram*. It will spend much time for the customers to hire for one makeup artist.

Therefore, we would like to solve this problem by developing a mobile application. Nowadays, many people are like to play with their mobile phone. They can do everything through the mobile phone such a find the information in the internet and etc. This Android – based application is developed with named BeautéPanda. This application provides the user with a lot of features that will facilitate both the customer and the makeup artist. For the customer’s side, this application will help customer to find MUA easily and the customer can contact the MUA directly through the ‘*inbox’* menu that are provided on the application. Also, the customer can read beauty related news. For the MUA’s or salon’s side, this application will help them to make the appointment with the customer easily. Also, the MUA or salon can post photos as their catalogue to increase the customer’s desire. We hope this application would solve those problems, to help both the customer and the MUA or Salon, and also useful for them.

* 1. **Issues with Current System**

In Bali, there are many MUA or salon that we can meet in many areas and we can find one by one in the internet or social media. Only few applications that provided beauty services for customer, for example in Indonesia only two applications that provided these services such as GO GLAM by GOJEK and SALON by HOUZCALL, but none of them provided the customer for makeup, hair-do (*e.g. hair do for wedding, and etc.*), and nails (*e.g. nails art, nails extension, and etc.*) services.

However, those application only provide some services such as manicure and pedicure, haircut, hair colouring, and so on that are already common in traditional beauty salons.

Therefore, we want to make a mobile application for this kind of issues. We believe it will help both customers and MUA or salon with some features that we add on the application.

* 1. **Benefits and Constraints of Proposed System**

After we discussed about beauty issues that happened nowadays, we want to develop an Android – based application that will help the customer to find a MUA or salon and help the customer to communicate with MUA or salon to make appointment or ask for the information. Also, this application will help the MUA or salon to communicate easily with the customer, post a photo as their catalogue, and to increase the business profit. Beside that, the customer and MUA or salon can read news that are provided on the application about beauty issues.

All the benefits aside, this application still have some constraints that have to be concerned about. With this application the customer only can pay the service by cash which this application did not provide any online transactions. Another constraint is that the customers cannot change the schedule that already confirmed and the customers cannot cancel the appointment.

However, we want to develop this application is easy to use for everyone. We hope by this approach; we can help MUA or salon to reach the customers.

**1.4 Project Key Words**

* Makeup Artist
* Salon
* Appointment
* Beauty Categories

**1.5 Direct customers / beneficiaries of the project**

This application will be used for both the customers and MUA or salon to make appointment easily to each other, store information about MUA or salon as people who provide beauty services. The customers that will be used this application come from all ages for women.

In this application, the customers can find information about MUA or salon that they want, they can send messages to MUA or salon to make appointment or just to ask about more specific information about that MUA or salon. Also, the customers can read the beauty related news that provide on the application.

For MUA or salon’s side, they also can make send messages to the customers as the answer of the customers’ questions. The MUA or salon can post photos as their catalogue on their album, so the customers can see what services that are provided by the MUA or salon and can see the results of the makeup that taken by the MUA or salon itself. Also, the MUA or salon can read the beauty related news on the application.

**Project Description**

BeautéPanda is an android application that serves as a place of commerce that connects customers with sellers who offer makeup, hairdo and nails services. This application has two types of user, which are customer and seller (salon or makeup artist). Through this application, a user can register as a customer and he/she will be able to find salons or makeup artists and read information about the services offered. On the other hand, a user can register as a seller that offer beauty services. After that, the seller can upload photos for the services he/she offers and add descriptions and price range to attract customers.

To make a deal and confirm the transaction, customer can send personal message to the seller and decide on their own where and when the service will be given. The seller can ask the customer to come to his/her salon or beauty studio to receive the service, or the seller can provide home – service to the customer. The payment method is similar to “Uber” or “Grab” application which will be done directly between customer and seller on their appointment location, after the service has been delivered. To prevent the customer or the seller to forget about their appointment, the application will provide a confirmation feature that should be agreed by both parties, and the application will send notification 24 hours and 2 hour before the appointment time.

Beauté Panda also provides general information and news about beauty and the latest trends in the industry. The news will be gathered by the application’s administrator and he/she will handle which contents will be displayed. Another task of the admin is to manage ‘help’ section to inform customers about the application in general.

Below are the features of Beauté Panda in details:

* Register/Login: user can register as seller (makeup artist or salon) or customer by providing full name, password and email address. To login, user has to input his/her email and password.
* Services: the application will show a list of service categories e.g. makeup, hairdo, etc., and photos of the services from the sellers
* Search: this is a feature for customer users, so that they can directly search for a specific category or seller
* Message and Confirmation: this feature allows customer to ask seller about any information regarding the service being offered, and discuss about their appointment. After agreeing on place, time and price, seller can create an order and customer should confirm the order.
* Order List and Reminder: from the seller point of view, this will display list of orders from customers. From the customer point of view, this will display list of appointment that the customer has made with the seller. The application will send notification 24 hours and 2 hour before an appointment so that both parties will remember.
* Favorites: this is a feature for the customer, where he/she can ‘bookmark’ services that he/she has interest on, so that the customer can easily find them
* Ratings: this is a feature for the customer, where he/she can give feedback and ratings for the sellers
* News: this feature provides latest information about beauty – related trends
* Help: if users have any question related to how to use the application, they can open this feature to find helpful information

BUAT ARCHITECTURE DIAGRAM

**Project Aims and Objectives**

The aim of BeautéPanda is to create a market place where people who are self-employed as makeup artist can offer their services and make themselves known to the customer. This application is also for beauty salons that have already had physical building for their business, but want to reach more customers by offering their services through this application. We also want to help customer finding the perfect makeup/hairdo/nails for any occasion, contact the seller and make an appointment, all from one application. Other than that, this application is also intended to give users information about beauty – related news.

There are several objectives that we should set to achieve our project aim, which are:

* Facilitate user (as customer) to search for a makeup artist or salon that offer the service he/she needs
* Facilitate user (as sellers) to offer their service and reach the customer
* Assist customer and seller to chat each other to make an appointment and confirm the order
* Provide a reminder feature so that both users will not forget about an appointment
* Let administrator to manage content of the news section and help section

**Project Scope**

The result from this project will be an android application called BeautéPanda. There will be two types of user (customer and seller) and an administrator function to manage some contents of the application. The main purpose of our project is to facilitate sellers to offer their services and make it easier for customers to find makeup artist or beauty salon. The scope of our project is listed below:

* Makeup artists or beauty salons can sign up as seller to offer their services and regular people can sign up as customer.
* The sellers will be able to upload photos of their makeup creations and put description and price range for the service.
* The customer will be able to select service from three categories, which are makeup, hairdo and nails. Each category will have its own specific categories, for example for makeup, the specific categories will be bridal, character, party and graduation.
* After selecting the desired service from specific category, customer will see list of sellers that offer that type of service.
* The customer will be able to send personal message to the seller and they can discuss about the service.
* If the seller and customer have discussed and agreed for a service, the seller will be able to make an appointment using the confirmation feature of this application and customer should confirm the appointment.
* This project will not handle the payment of any transaction, because the payment is done directly between customer and seller when they meet and after the service has been delivered.
* When both parties have confirmed, the service will go to order list and the application will send notification 24 hours and 2 hours before the transaction.
* The admin will be able to upload news or information about beauty trends and manage content in the help feature

**Software and Hardware Requirements**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Item** | **Usage** | **Qty.** | **Cost** |
| Hardware | | | | |
| 1 | ASUS laptop X450J series | Project development | 1 | Available |
| 2 | Apple MacBook Pro Mid 2012 | Project development | 1 | Available |
| 3 | Samsung Galaxy A5 | Project testing | 1 | Available |
| 4 | Epson L210 printer | Document printing | 1 | Available |
| Operating system | | | | |
| 5 | Windows 10 | Project development | - | Available |
| 6 | MacOS Sierra 10.12.3 | Project development | - | Available |
| 7 | Android Nougat 7.0 | Project testing | - | Available |
| Others | | | | |
| 8 | IntelliJ IDEA Community Edition 2018.2.4 | Android application development | - | Available |
| 9 | Adobe Photoshop CS6 | User interface design | - | Available |
| 10 | Microsoft Visio Pro 2013 | Drawing UML diagrams | - | Available |
| 11 | Microsoft Project xxx | Creating project schedule | - | Available |
| 12 | Microsoft Office Word 2013 | Creating project document | - | Available |
| 13 | Microsoft Office PowerPoint 2013 | Creating presentation for the project | - | Available |
| **Estimated Project Cost** | | | | Rupiah 0,- |

**Development Methodology**

The methodology that we will use for our project is Agile Methodology. This method has four core values which we view to be suitable in developing a mobile application in this digital and ever – changing era. These values are: individuals and interactions over processes and tools, working software over comprehensive documentation, customer collaboration over contract negotiation and responding to change over following a plan (Cockburn, 2002).

The core of agile software development methods can be defined as the use of light-but-sufficient rules of project behavior and the use of human- and communication-oriented rules. The agile process is both light and sufficient. Lightness is a means of remaining maneuverable. Sufficiency is a matter of staying in the game (Cockburn, 2002).

We choose Agile Methodology because it is a continuous cycle of improvement. Moreover, it focuses on communication between developers and users, and let the users participate in developing the application. This is better than the traditional development methodology because developer and user relation is not limited on the contract paper. This allows changes or additions to the application to meet the needs of users. We can have better understanding of the user and create our application to be as close as possible to what the users need.

MASUKIN GAMBAR AGILE

# **References**

Cockburn, A. (2002). *Agile Software Development.* Boston: Addison-Wesley.