**Mobile Application Development**

**Midterm Project Proposal**

**Proposal 1**

1. **App name:**

Cosmetic selection

1. **App description:**

This app can help people to find the desirable cosmetic that the customers may prefer.

1. **Target users:**

Anyone who want to find the suitable cosmetic for themselves or others.

1. **Feature:** 
   1. this app offers different kinds (cleaning, face cream, eye cream, sunscreen, serum, mask, etc.) and brands (Lancome, Kiehl’s, Origins, etc.) of cosmetic, as well as people’s rating and price about the product.
   2. So, people can input their desired kinds, brands, price and rating about the products. And then press the “submit “button, they will get the results.
2. **Plan:** 
   1. Open Xcode and Create a new project
   2. Design the user interface (slider, picker view, button, label, text field)
   3. Create arrays for the kinds, brands and rating
   4. Being delegate and data source for picker view
   5. Implement the functions for data source and delegate
   6. Create slider for the price
   7. Get and display the value of the slider on the screen
   8. Implement the function for submit the setting
   9. Connect the “submit” button
   10. Display the results

**Proposal 2:**

1. **App name:**

Reminder

1. **App description:**

This app can help people organize their appointment or schedule and remind them as the time they want.

1. **Target users:**

People who would like to keep their appointment organized.

1. **Feature:** 
   1. People can input the specific day, time and the description of the appointment
   2. The appointment will show up in the screen when it comes to the time.
2. **Plan:** 
   1. Open Xcode and Create a new project
   2. Design the user interface (slider, picker view, button, label, text field)
   3. Create arrays for the year, month, day and hour.
   4. Being delegate and data source for picker view
   5. Implement the functions for data source and delegate
   6. Create slider for the minutes
   7. Get and display the value of the slider on the screen
   8. Implement the function for confirm the reminder
   9. Connect the “confirm” button