Overview

Nowadays the price of items in supermarkets and pharmacies are not very transparent to customers. If people want to buy some products in an affordable way, they have to travel around all the markets to compare the price, which is quite time-consuming and labor-heavy. Therefore, I plan to design a public website, which helps customers to buy products in a short time and with decent price by searching the information on it. My design is mainly composed of three modules. The first one is for providing the weekly cheapest price of the same item in all well-known supermarkets, such as Coles, Woolworths, Target, ALDI, BigW and so on. The second one will focus on showing the basic information of items as well as the comments or ratings from customers. The third one is designed for customers to share their shopping experience and purchasing information. I also attempt to launch it into the Android platform. My design will provide great convenience for customers to make their shopping decisions and choices.

**Object-oriented customers:**  
Customers, both living in China or Australia , who want to quick view the cheapest price of supermarkets or pharmacies in Australia.

**Function description**  
● Product information & original price list with Australia dollars

○ sort by product category (first sub-layout)

○ sort by brand (second sub-layout)

○ detail and review of each product

● Product price calculator

○ aim to calculate the total product price including the original price, shipping fee, and exchange rates

■ for example:($10: original product price+$8:shipping fee)\*5.1:exchange rates = 91.8RMB: total price of each product

● Discount information

○ weekly update the discount information sorted by different chain corporations in Australia:

■ for example ALDI, Woolworths, Coles, etc..

● Customer service

○ customer can send a message to my customer service executive and I will response as soon as possible

**Customer requirements:**  
Operational distribution or deployment: The website is dealing with customers who would like to get the cheapest price and a description in detail for the products from the pharmacies or supermarkets. The website provides two service languages (English and Chinese).

**Architectural requirements:**  
In the website, I will mainly design three modules. The first one is for providing the weekly cheapest price of the same item in all well-known supermarkets, such as Coles, Woolworths, Target, Aldi, BigW and so on. The second one will focus on showing the basic information of items as well as the comments or ratings from customers. The third one is designed for customers to share their shopping experience and purchasing information.

**Performance requirements:**  
Now I only copy with the Web Page performance and Android App performance. For the website, I focus on how to guide users to find the most decent price of items they want in Australia. For the Android App, I ensure that my customers can not only find the link to the web page described before, but also deal with their own business with a specific calculator.