



# **Price Sharing Android Application for Hong Kong Supermarkets**

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Advised by

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# Overview

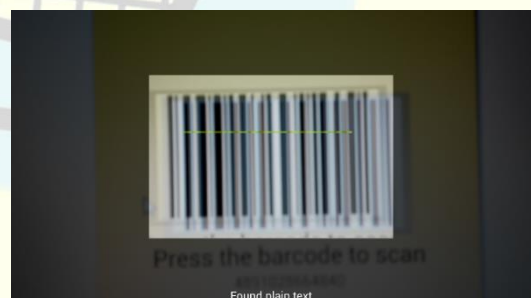
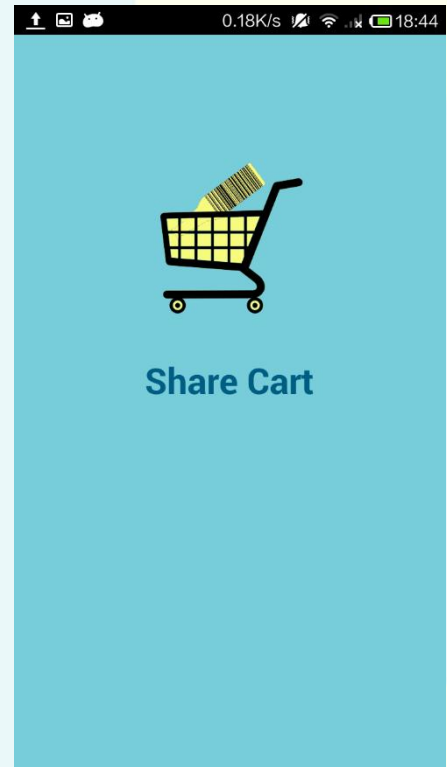
Before you go to shop, sometimes you

will compare which stores are selling the item at a lower price. Customers can watch advertisement on TV, internet, bus or newspaper but it is passive and only shows some products.

A better solution for this is smartphone application. Not only youngsters are good at using smartphone, housewives are also one of the major customers in smartphone market.

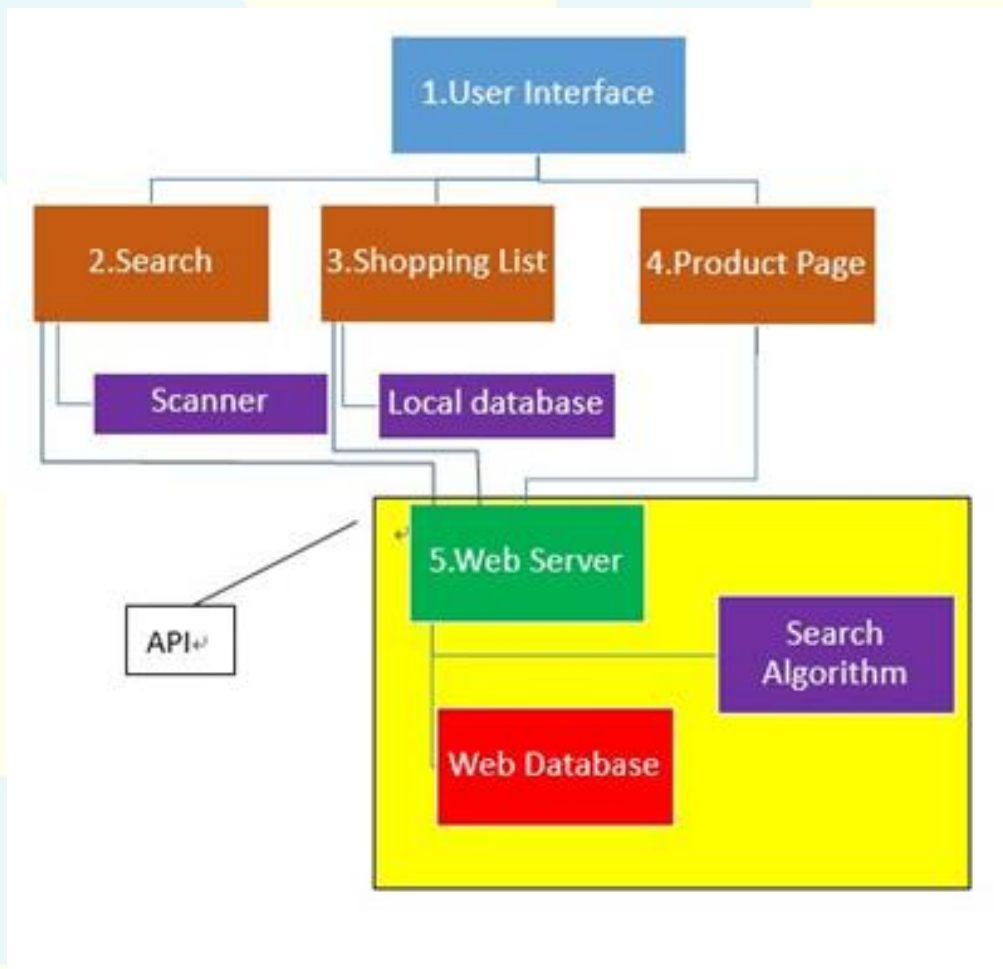
Features:

- ✓ Provide a sharing price platform for customers to compare product's price
- ✓ Save the favorite items into the shopping list
- ✓ Use barcode scanner for quick search



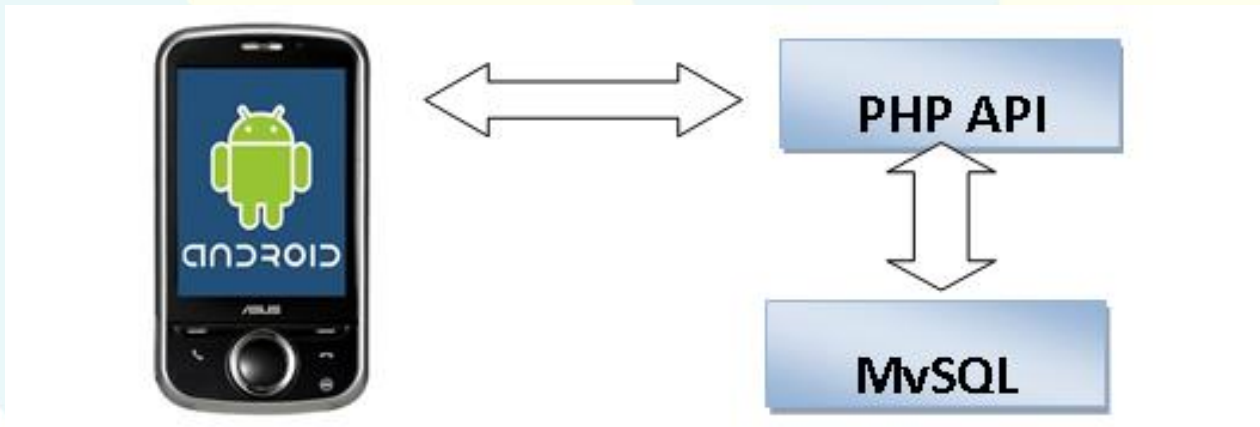
# System Architecture

Our app contains three main parts: User Interface, Web Server, Web MySQL Database and Barcode Scanner.





## Implementation:



In short, if users try to search items from the application, an http request with parameters is sent to the PHP in JSON format. Then, the PHP decode the parameters and get the required data from the database. Then, it returns data back to the android device.

## Screenshots:

Suggested Page

Search Page

Shopping List

Product Page

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