# Hong Kong Supermarket Price Comparison Website With Web Accessibility Features

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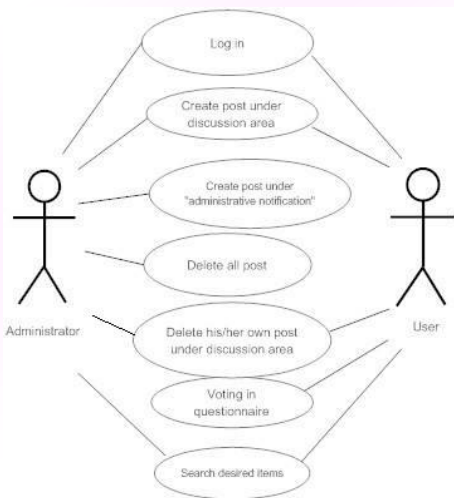
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# Introduction

The aim of this project is to give multiple ways for users to choose the most suitable and best-buy product in a website. Users can select products based on price, opinions from different users and statistics trends Another important aspect is that the website includes web accessibility features to help the disabled to browse it with fewer difficulties.
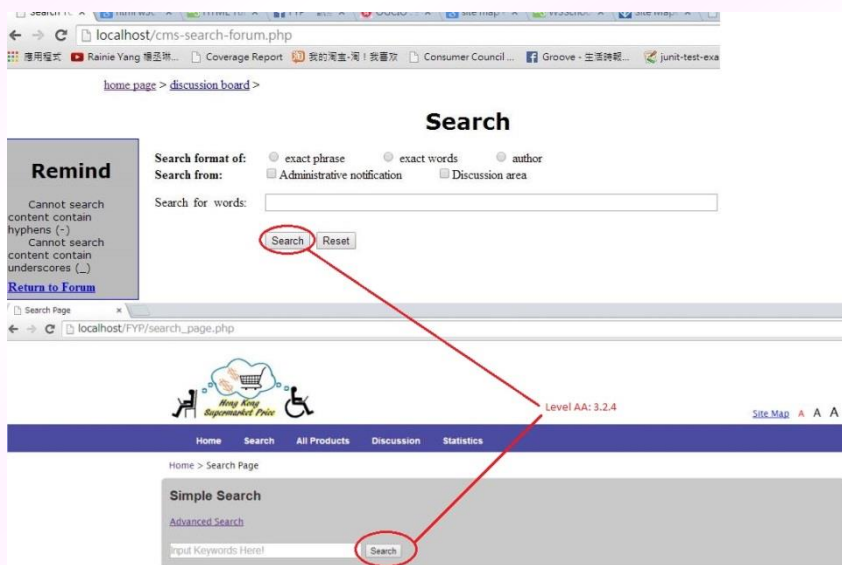
# Design



The webpages includes several components:

1. Search Tool

2. Discussion Board

3. Questionnaire

4.Statistics and Trend Chart

5. Web Accessibility Features

## Search Tool



- Allows users to select particular products
- Search the products with specific requirements
- Display "no results" if the requirements are not fulfilled

## Discussion Board

- **Share products news and new products introduction**
- **Search post under**
  - ➢ **administrative notification**
  - ➢ **discussion area**
- **Search post by different format**
  - ➢ **exact phrase**
  - ➢ **exact words**
  - ➢ **author**
  - ➢ **default no criteria**

## Search Topic

| Search format of: | ⚪ exact phrase | ⚪ exact words | ⚪ author |
| Search from: | ☑ Administrative notification | ☐ Discussion area |

Search for words: hihi

**Remind**

Cannot search content contain hyphens (-)
Cannot search content contain underscores (_)

**Return to Forum**

Search    Reset

| TOPIC: hihi |
| Name: Admin |
| i can do all the thing |
| Reply name: chancy |
| Reply: jhfskdjthsdthjsdthsdfs |
| Reply name: chancy |
| Reply: ljhdsflsjdhflsdjhf |

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cuss—Content Manag  ×

C   🗋 localhost/cms-discuss.php

程式  ▶ Rainie Yang 楊丞琳...  🗋 Coverage Report  🔘 我的淘宝-淘！我喜欢  🗋 Consumer Council ...  📘 Groove - 生活時報...  🔏 junit-test-exam

## Home page of the Discussion Area

| # | Topic | Views |
|---|---|---|
| 9 | let me open something for admin to delete | 13 |
| 6 | test others | 5 |
| 4 | tested contest cannot null | 42 |
| | **Create New Topic**    **Search Topic** | |
| | **Logout**    **Back to home page** | |

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# Questionnaire

## Survey Aim:

Level AA: 2.4.6

This is a survey to collect user habits in order to understand what kind of products is common to be brought from supermarket. There are 3 questions only.

- **Collect users' opinions for future analyzing**
- **Display result in graph**

Question 1: How often do you go to supermarket in a week?

⚪ 1 - 2 times

⚪ 3 - 4 times
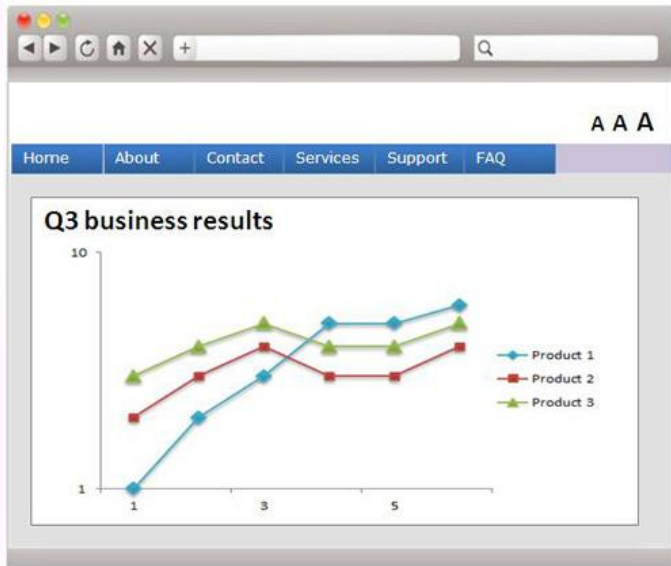
Level A: 1.3.3

⚪ 5 - 7 times

Level A: 1.1.1

To move to the next section of the survey, select the green arrow icon labled 'Next' located in the lower right section of the page.

Next

Next

# Statistics and Trend Chart

- Compare the prices of the same products
- Show top rated products and rankings
- Specific products at lowest historical prices
- Receive ratings and comments from questionnaire

# Web Accessibility Features

We have successfully covered over 30 web accessibility features
Standard provided by the Hong Kong government:
WCAG 2.0 Success Criteria – Level A, Level AA and Level AAA
(http://www.ogcio.gov.hk/en/community/web_accessibility/handbook/)



Level A − WCAG 2.0 Success Criterion 1.3.1 − Info and Relationships
Level AA- WCAG 2.0 Success Criterion 2.4.5 − Multiple Ways

# Conclusion

In this project, we built a website with web accessibility features. Users can choose suitable products based on different options in search tool, statistics and opinions from other users. Our website can be regarded as a demonstration of implementing web accessibility features to help the disabled surfing the net conveniently.