

# PRICE COMPARSION WEBSITE

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**ABSTRACT:** A price comparison website provides platform for customers to check on the price of the products and sellers will be able to promote their products online. This project, named as PriceWar.com is the place where shoppers could find the great deals on the home groceries products where the results are sorted from the cheapest price onwards. The website will be beneficial towards the sellers/retailers as well because they will be able to advertise their products and promote their shops at the same time. Unlike the giant supermarkets that have their own website, most of the owners of small groceries shop do not have the skills to have their own website or blog to promote their business online.

## INTRODUCTION:

Price comparison website allows consumers to see different lists of prices for the product chosen by user and it helps consumers to make an informed decision about which to choose in order to save money. It also act as a tool to help consumers increase their price consciousness so that they will not feel cheated by the advertisement from the retailers that claimed they are offering the cheapest price but the reality happened to be otherwise. A price comparison website act as the medium between customers and retailers so customers can make purchase online for certain retailers that provide such services. Besides, users nowadays are very comfortable with the internet that it has grown a wider variety of applications from networking and now provide various references for the users.

## OBJECTIVES

- The objective of this project is to develop a price comparison website that will have the following functions:
- To provide customers with a list of price comparison and highlight the cheapest price specifically in home groceries products .
- To increase price consciousness among consumers.
- To ensure that the price database is updated regularly so that customers will be able to get accurate results.
- To provide service for users to find the product's price.
- To provide platform for retailers to promote their products and promotion for free

## PROBLEM STATEMENT:

- It is important for a web comparison website to return results with the low prices as what the customers want but accurate results also important so that customers can get what they really want.
- It also depends on how regular the database is being updated otherwise customers will be confused when they compared it from other site.
- The other problem that occurs to the retailers/seller side, in order for them to promote their products or if there is any promotion going on, usually they will print out pamphlet to distribute it to the customers.

## LITERATURE SURVEY

- The research was focus on the price comparison sites and its connotation towards market efficiency and price competition
- The price comparison sites attract all the involved parties no matter suppliers or the consumers to its platform as it has become the aggregator of product information.
- Nowadays people usually conduct first research on the internet regarding a particular product or service that they want which is very convenient as compared to what consumers have to do previously when there is no internet.



## EXISTING SYSTEM

The main objective of doing research on similar existing system is to know how it works, what concept is being applied in the system, what is being computed by the system and how the system helps solving the problem.

After the research on similar existing systems, the next step needed is to identify what will be the main component that made up the system to be developed.

In order for the visitors of this website to use it services, they have to register with their basic information such as name, email, etc.

Database to store products and users' information. User able to search the product that they are interested.

## PROPOSED SYSTEM

This will give the clear picture and understanding on how the system will operate and to avoid developing a system that does not solving the problem it intended to solve.

### Registered Users :

The website requires visitors to sign up before they can use the functions in the website. The registered users will have personal account to this website and they may login using their username and password

The actions that registered users can do with this websites are:

- ☐ Login to the website
- ☐ Able to edit profile
- ☐ Newsletter subscription
- ☐ Search groceries products
- ☐ View promotion and sales
- ☐ Compare prices

## RESEARCH METHODOLOGY

### Stage 1: Project Planning:

This is the stage where the problem related to the project is identified and the significance of the study is determined. The objective and also scope of study are outlined and the feasibility of the project work is ensured to be developed within the time frame given.

### Stage 2: Data Gathering and Analysis:

Series of studies has been performed to gain further knowledge on the energy and electricity consumption. Also, readings was done to get better understanding on what comparison site is all about, how it helps people to solve problem before buying home groceries product, and example of existing comparison sites to check on the competitors.

### Stage 4: Drafting the Main Components of the System:

After the research on similar existing systems, the next step needed is to identify what will be the main component that made up the system to be developed. In order for the visitors of this website to use it services, they have to register with their basic information such as name, email, etc.

- Database to store products and users' information.
- User able to search the product that they are interested in.

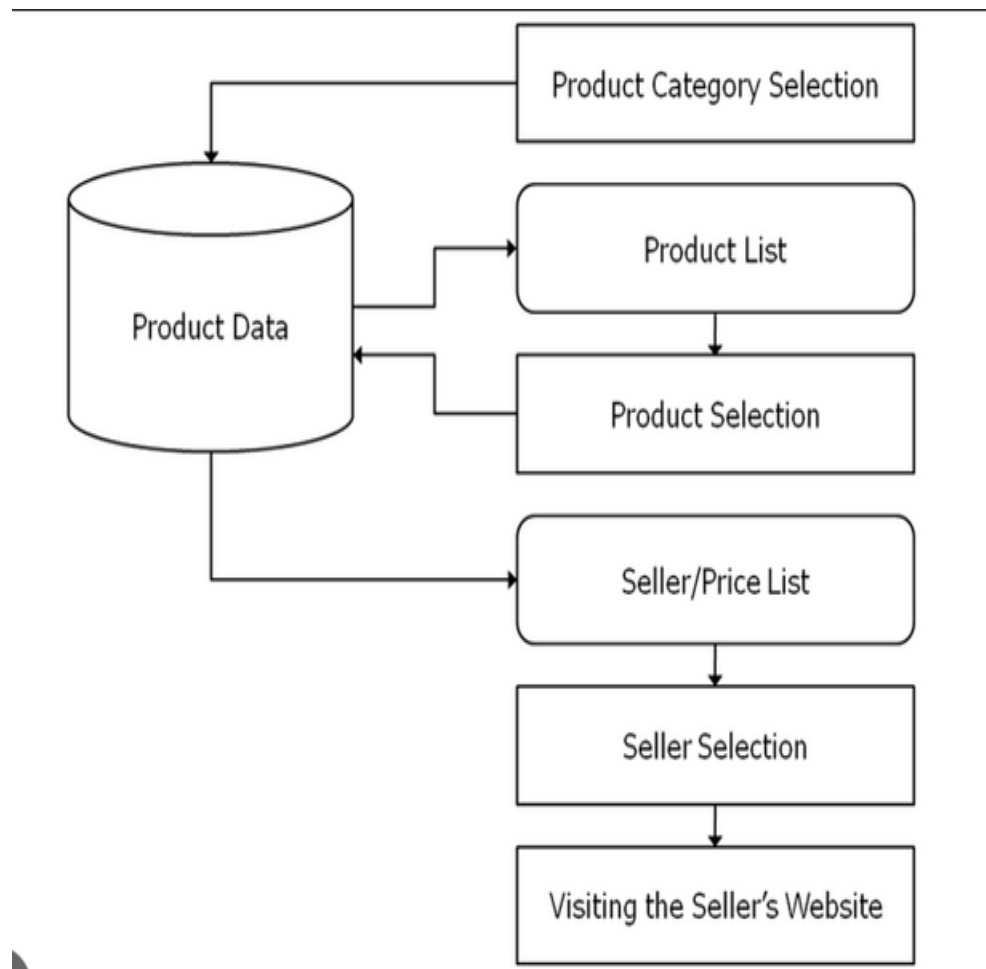
### Stage 5: Develop System Architecture:

The next phase to develop the architecture on how the system will works. This will give the clear picture and understanding on how the system will operate and to avoid developing a system that does not solving the problem it intended to solve.

## DEVELOPMENT ENVIRONMENT:

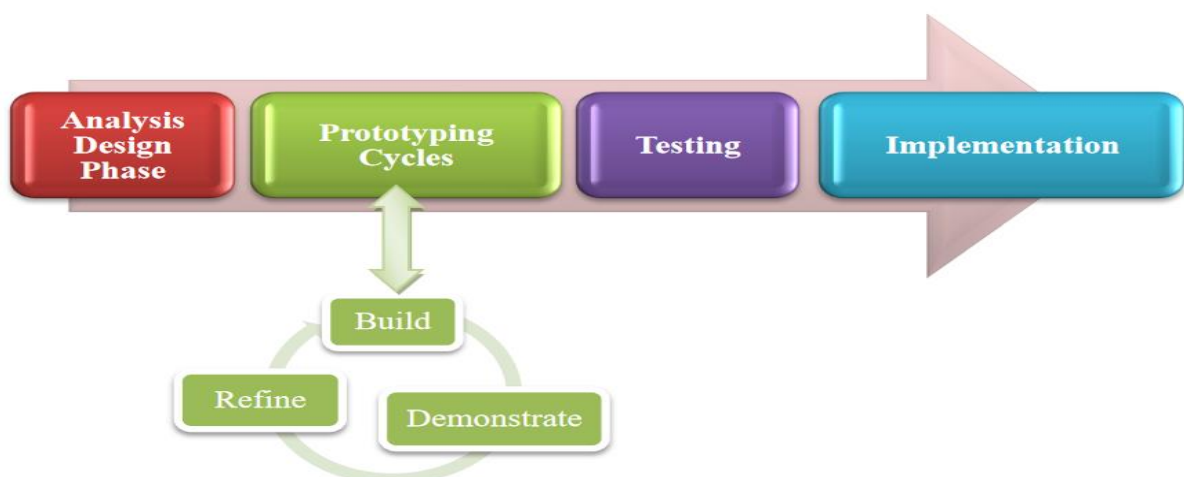
Visual Studio Code

## SYSTEM FLOW DIAGRAM:



## IMPLEMENTATION:

After all the testing performed is completed and passed, the system is ready for the implementation. The Pricecompare.com has received a positive response and will be considered to be used soon



## CONCLUSIONS:

This document comprises all details related to the project. The abstract, background and objectives can be considered as the overview of the project meanwhile the methodology part explains in details what is the suitable method chosen for this project to be completed. It is very important to get more knowledge in this topic in order to develop a successful and well functional price comparison website.

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