SRS Document

Introduction

Creating a comfortable and convenient environment which enables the customer to compare between a variety of food products from different grocery stores and purchase at the cheapest price among them.

Purpose

The goal is to create as cheap a shopping cart as possible by comparing different food chains.
The project will help a lot of customers who shop for groceries online to find a larger variety of products and display real-time prices which include sales and discounts from different food chains.

Intended Audience

The target market is online shoppers and potential converts to online shopping.

Access to the SRS document include:
Developers: Bar Luzon.
Project management: Yossi Zaguri, Nir Konky.

Intended Use

Making the client shopping cart cheaper and to compare between grocery stores' prices.

Product Scope

The user would have the option to build their shopping cart in a clear and convenient way which includes all of the food chains in one order instead of splitting it into multiple orders from different suppliers.

Overall Description

Creating a comfortable and convenient environment which enables the customer to purchase and compare between a variety of food products online while considering different vendors and food chains prices. The user would easily be able to use the interface in order to filter content and receive information about the different pricings of their desired products in order to get the cheapest grocery basket.

User Needs

Cutting grocery costs and saving time and resources.

Assumptions and Dependencies

The user must have internet access.
Source sites must remain online in order for the web to function properly.
Source sites must be scraping compatible.
The site's system must have access to database and server at all times.

System Features and Requirements

- Creating a diversified shopping cart from different food chains.
- Different price sorting options.
- Choosing specific brands in accordance to the customer's preferences during the purchase.
- Updating sales and discounts in real time while gathering information from outside sources.

Functional Requirements

Internet access and stable, compatible sources.

External Interface Requirements

Hardware and software to run the web application.

System Features

Stable connection to the server and the database.

Nonfunctional Requirements

Integrity – defense against malicious altering of information or its deletion – authenticated users can only change their personal details.

Confidentiality – limitation of access or exposure, including privacy protection and property rights – the user will have access to certain pages that are unavailable for guests.

Availability – keeping the data the client receives reliable and credible.

Information confidentiality – an unlogged user won't be able to make an order without logging in to the system. A guest user can only perform searches.

System and information availability – the information received by the search is dependent on the servers relied upon.

Information integrity – the information for the products details is displayed in whole and is unaltered by our system.