Vision Statement

Project goals:

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. The system should optimize the user's buying experience while filtering prices / suppliers for each product.
Additionally, the system will introduce a larger variety of products to the user in cases which specific suppliers have a product that others suppliers don't, therefore diversifying their options. As part of the search system, the user will be able to add to their shopping cart and make an order which includes products from different suppliers / chains, and they would also be able to review previous purchases and reorder the same items in a click of a button.

Project scope:

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.
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.

High-level features or requirements:

The goal is to create as cheap a shopping cart as possible by comparing different food chains.
In order to create such a shopping cart, I chose to make the next features available:
- 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.

The website will include the following:
Signing in as a registered user or as a guest in order to search for products and adding them to the shopping cart.
A payment page – after completing the order, the customer get an order number and payment confirmation.
A contact form which includes registration of the user's email in the system.
Registered user information editing form.
Previous orders and purchases page.
The website will use its database for its different purposes.

Major milestones and deliverables:

- Phase 1 – Theoretical learning and practicality.
- Phase 2 – Planning and building tables in the database.
- Phase 3 – Building customer profiles.
- Phase 4 – Building the server side and link it to the database.
- Phase 5 – Implementing scraping method.
- Phase 6 – Quality assurance - system running and error checking.

The main goal is to make the cheapest and most suitable purchasing options easily accessible for the client in accordance with their needs.