

Group 18 – WT / DBMS Project

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Aim(Front-end): The aim is to design and manage an online grocery ordering website with various different domains and parts.

Here we use the web development technologies such as HTML, CSS, PHP and Java-script for making the view level more interactive and easier to flow.

Objective(Front-end): To develop a website software that helps different customers to find various different kinds of products according to the price and sub categories under which the products are divided. This website provides both the viewer and the developer to view and to manage and update the products from any place online. This can be done by the client side programming that helps us in inserting the visuals and user inputs as well as to take inputs and control them by applying appropriate constraints.

Aim/Objective(Back-end):

Create a data level/server that retrieves, collects, manages the data of the number of groceries available, stocked, sold, and details of the number of groceries (goods) that customers purchased with the help of SQL and PHP.

Abstract:

*The driving idea behind the overall structure of the project is to showcase a complete and detailed lookout of the overall purchase and decision making process of an online shipping store for general consumers including pre- and post-decisional stages such as the inputs from the user about the product and resulting in an auto generated bill/memo for the overall purchase.

* The algorithms are used for real life application of the in-store buying and browsing strategies, with the help of correct client and server side programming.

* For the back end data base management, the focus is on the collection of quantitative data, essentially on the pre-decisional phase of the consumer decision making process where the software gets the major of the inputs of the products.

* Thus making a free flow working website which is intelligent enough to comprehend with the complexity of the grocery shopping in real life which may include various domains under a same product and a range of different categories of products, with other complexities such as understanding the customer preferences and application of various algorithms and constraints to support a perfect the information exchange between the front end and back end.

● Technologies used-

For The Front end: The main theme of the software is to consider the selections made, inputting the information about the product and other transaction details from the user. The software should be platform independent and can be used by indefinitely of the user and developer, for this we need it use:

Hypertext Markup language: Which is a markup language used to inset the file intended to be displayed in the website.

Cascading Style sheets: It is used to define and modify the web pages by controlling the placement of the texts and objects on the pages as well as the look of those objects, thus making the website layout much interactive.

Java Script: This is a client side programming language is used on the project for making the website dynamic and much interactive.

For The Back end:

MySQL: In this project we use SQL (Standard Query Language) to record, update, retrieve the data using relational algebra concepts and tools, and represent the data stored in tabular form or records.

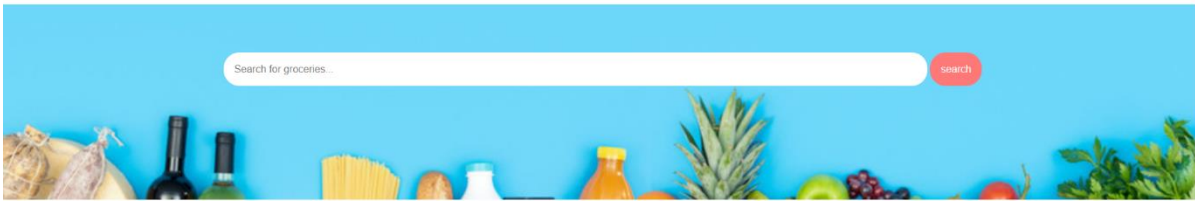
PHP: It is a server-side scripting language which is embedded in the HTML language itself. It is used to manage the dynamic connect of the web page. It is used to communicate and transfer information to and from data bases. this language is also used for the web session tracking.

Algorithm:

The main functionality contained by the project are the following

1. The login page contains input boxes that collect user information like ID and password, simultaneously validating the details with the use of php by cross checking their presence in the database.
2. After validation, user gets directed to the index page in which the intricate CSS design enables the user to choose between various categories represented pictorially with the help of CSS. The search bar enables the user to search for related item based on keyword search to facilitate fast data retrieval. The results open in the "cart page".
3. there is a page "about us" designed with the combination of technologies html,css,javascript and php, featuring the creators of the project.
4. In the grocery page, all the details of the available groceries are displayed with necessary details like image of the product, pricing, brand name etc.
- 5.the "add to cart" option enables the user/ customer to choose products of their desire and add them to their virtual cart. As they proceed to billing section, the choice of the user is displayed, all the products chosen are listed along with their pricing total. Then the user is further directed to another page to get the delivery address with COD (cash on delivery) facility.
6. Only the admin gets to access the data of all purchases with the purchase details.

Sample input and output: (NEXT PAGE)



Search for groceries...

search

Categories



Fruits
&
Vegetables



Baked
Food



Beverages
and
Packaged Food



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About Us

"Different. Just like You," and delivers on that promise. We have started with an idea to change the way the grocery shopping is done and here we are today, with many products and more to come.

Our Team



Masoom
CEO & Founder
Overall Management and Software Engineering
sne@example.com

Contact



Sai Krishna
Art Director
Art Director and Product Distribution
mike@example.com

Contact



Ammulya
Designer
Web Designer & Systems Architect
helena@example.com

Contact

Contact Us

+91 9876543210

grocery_shop@email.com

D No. 123, 2nd Floor, Inter Hud, Desin Colony

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Basmati Rice
300 Rs

[Add to cart](#)



Fortune oil
500 Rs

[Add to cart](#)


Knorr Soup
10 Rs

[Add to cart](#)



Chings
20 Rs

[Add to cart](#)


Britaniya
150 Rs

[Add to cart](#)


Basil
100 Rs




[Add to cart](#)


Pepsi
100 Rs

[Add to cart](#)


Pepsi
100 Rs

[Add to cart](#)

	Basmati Rice 300 Rs	Quantity-1	300Rs	Delete from Cart
	Fortune oil 500 Rs	Quantity-1	500Rs	Delete from Cart
	Knorr Soup 10 Rs	Quantity-1	10Rs	Delete from Cart

Complete your Order

Username

sai

Email

sakrishna_vishnumalakala@srmap.edu.in

Contact Number

630334170

Address

Flat 512, Sri Balaji towers

Place Your Order

Thanks for your support

Login Page

User Name

Username

Password

Password

Log In

Back



GROCERY SHOP

GO Back

Order Id	Name of Customer	Total Bill	Product Id	Date of Purchase	Address
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1	Massom	20	4	2021-04-29 23:30:34	Mangalgiri
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2	sai	530	2,3,4	2021-04-30 04:27:10	Vijayawada
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3	Amulya	270	5,6,4	2021-04-30 04:35:55	Vijayawada
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End user:

If the person is customer he gets all sorts of options available on the website related to the groceries in the form of text images and moving the selected once to the cart etc because the website is very well developed using the markup languages like html, css and java script.

If the person is not customer i.e a supervisor or the owner of the website, he can manage the data update, select and delete the data with ease because the server side programming languages that we used here are MySQL and php.

Conclusion:

One can purchase groceries anywhere online and get it delivered easily. Especially in this time of corona these types of websites help people a lot in getting these basic needs delivered at home easily.