Date: 2024-03-25

Module: Cookies/localStorage

Function: Keep information for you

**Explanation:**

The famously known cookies that most websites asks for permission in every website is included in this project as well. It’s key function of it is for the minimal needs that exists in the website. The purpose of this function is mainly to keep parts of information locally in your computer so that we do not have to keep the information in the website for each individual person that is shopping.

**Why do websites include this feature?**

Cookies or localStorage is widely known to be used, but the reason for how and why it is used is quite interesting. A website has a certain amount of information stored into its database, this database has a certain capacity made only to keep website information and possibly the server that keeps the other nits and bits, however it cannot keep everything in its storage as it has a max capacity.

This is where Cookies or localStorage comes in play as its pure function is to keep a small bit of information on your computer. Programmers find a way to keep a small bit of information that will serve as your little bank. This bank is accessible where ever and whenever necessary in the website. As it sounds like a very great thing it has a few downsides like for example having a small capacity (5MB of storage) and only being accessible at that one computer you use. As these thing sound bad it doesn’t hinder developers to work with it and make it work for the website as they still have the option of Back-end developers’ server maintenance and functionalities.

**Where do we use it in the website?**

As the Cookies/localStorage have a small capacity it is very hard to use it, however in our scenario we can viably use it in two scenarios, cart function and product page.

The cart function we use have a virtual bank to keep all the products we need, every time we click the button label “Lägg i kundvagn” it adds the product and refreshes the cart so that it includes the product in the cart. If it happens that you refresh the website or exit the website at any time it will still keep the information in the Cookies/localStorage for when you come back.