Our Project

CREATE A DYNAMIC E-COMMERCE PLATFORM (LARGER SYSTEM)

TechStore

iPhone X
Last years phone from Apple with a beautiful all display front.

11490 kr

Add in Cart

One Plus 5
Sleek and powerful smartphone from One Plus.

4995 kr

Add in Cart

Galaxy S8
Really cool edge to edge smartphone from Samsung.

TechStore

iPhone
1149

Ta

One Plus 5
4995 kr

Ta bort

LG V30
7495 kr

Ta bort

4

s: 31975 kr

för ditt köp
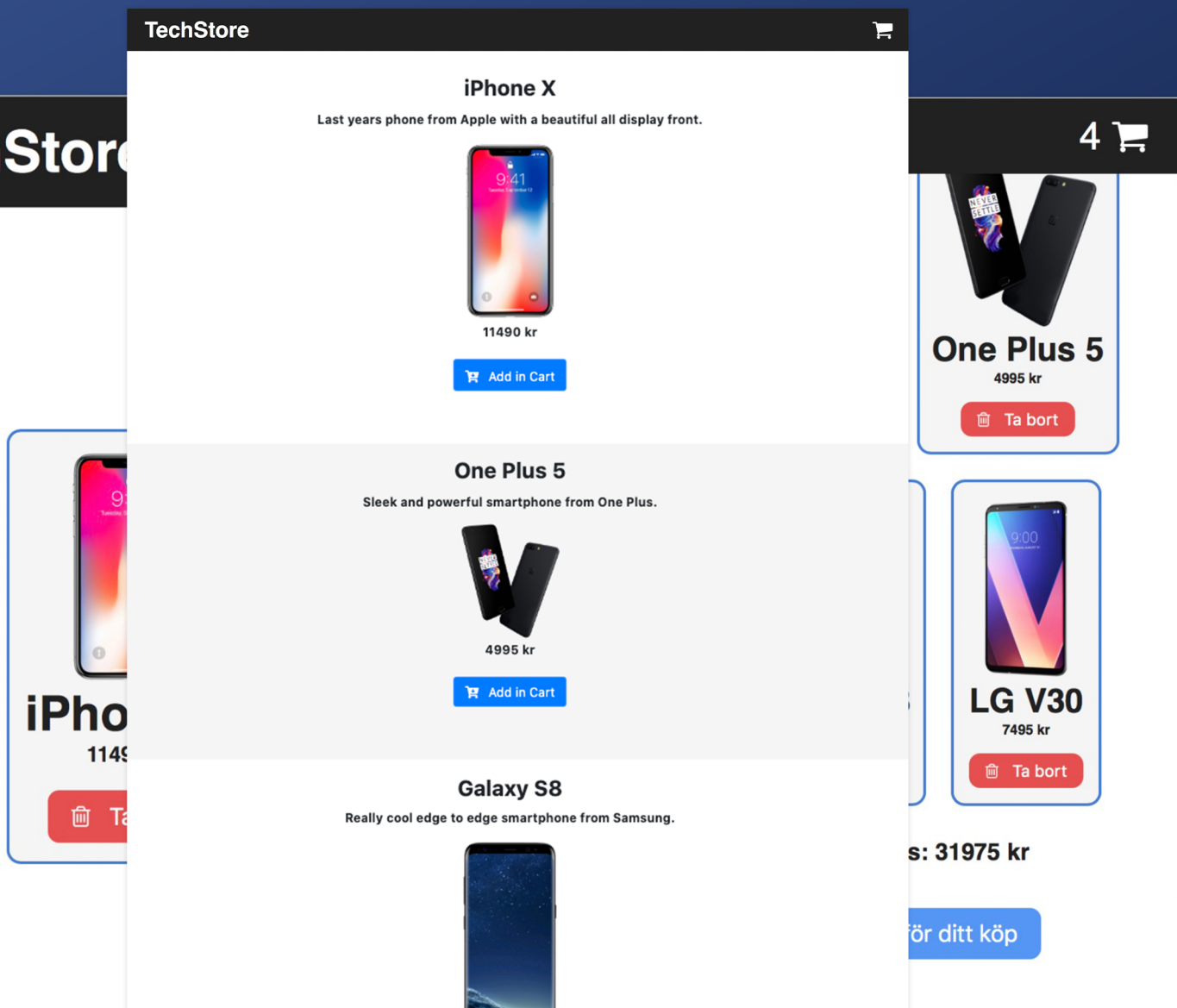
Tech Store Website

Grupp 6

Amir Shishehgari
CSS

Mohsin Rahman
JS & login form

Nawar Mohra
JS & Rapport

Methodology:

We followed Agile methodology to develop this project. We planned atleast one meeting per week. At first meeting, we divided the task. At every next meeting, we discussed what have we done? What is ongoing module? What are the issues we are facing?

It has been a great learning and team work & we have got hands-on experience of how to start and finish project efficiently within deadline.

Shopping cart using JS

Introduction:
This project is created using HTML5, CSS, Javascript and local storage. We have stored our initial data in json file. Fetch API has been used to retrieve data from json file. We have used OOP concepts to develop this cart system. Project is divided into 4 classes named Phone, Display, User and Storage.(Mohsin control the work and he's who created the class and Nawar worked with hem on class)Style & layouting Amir fix it with giving each class name then add the appropriate style in one file.

Phone:
In Phone Class, we have used fetch API to retrieve data from json file.

Display:
Display class is mainly focusing on display the phones(image, title. price) on interface. displayPhones, addToCart and setCartValues are the main functions that we have created to perform certain operations.

Storage:
Storage Class is used to store, receive and update data in local database. To perform these operations we have created 6 different functions. Name of these functions are db, getUserItem, saveCart, getSaveCart, saveTotalAmount, getTotalAmount.

User:
User class is created for login system. We used hard-coded username and password for time being.

loginForm:
(username == "Mohsin" && pass == "root")

Update:
Update class performs all the operations when we delete item from cart e.g it updates the total amount and minus item   from the cart.

Fetch API:
Fetch Api is a one of the method to fetch resources from DB.There were other possible ways e.g JQuery and Axios to   perform fetching task.

Difficulties to develop the Project:

There were a couple of difficulties during the development process.

1: It was difficult to decide the architecture of the whole system e.g how many classes should we have? What will be the methods or functions should we have?

2: Data flow was also a great issue and it took time to understand.

3: It was difficult to delete the items from the shop page, the amount still saved in the storage.

4: we had an issue with Amir computer he could not push anything from his computer to Github so He send file to Nawar and she did instead of him , We had collaboration.

5: We faced an issue with updating the number of items in the cart after the reloading we fixed by just add a single line document.getElementsByClassName("counter")[0].innerHTML = (JSON.parse(localStorage.getItem("cartItems"))).length; below phoneDOM.style.opacity = "1"; in DOMContentLoader

What could have been done differently:

As we used OO principle & ES6 features to develop the project. Everything was working perfectely but when we used template literals in onclick evenlistener it does not work. After plenty of hours of effort we changed our strategy. We decided not to use tenplate literlas for this perticular part of the project instead we created button using document.createElement() and then attached onclick method on the button to achive the goal.

Further Development:

Payment system is one of the vital feature that an e-shoping website must have. PayPal, Masterpass, VISA Card, Apple Pay, Google Pay, Amazon Pay are the few of the most popular and relaiable systems in online purchase world. However, It was not the requirment of this project.

Tools & technologies:

Below is a list of tools and technologies that we have used for development:
Html/CSS
Flex/Bootstrap
Javascript
Git/Github