Mentor-review JavaScript

Individual Project: Online Clothing Store

Estimated time of completion: 3–4 hours

Congratulations on reaching your individual project, the last part of JavaScript in Module 2! In this document, you will find a detailed description of it. Please read it carefully.

Deadline

in 1 week.

We don't have a strict deadline, but we recommend completing the project

Prerequisites

in Module 2:2.1. Write Your First Code in JavaScript

To participate in the project, you should complete all JavaScript lessons

- 2.2. Create Simple Algorithms
- 2.3. Collect Related Data Using Arrays and Objects
- 2.4. Start Coding Efficiently Using Functions: Basic Part
- 2.5. Manipulate Strings and Arrays Using Methods
- 2.6. Start Coding Efficiently Using Functions: Advanced Part

signment. Otherwise, it may difficult for you to perform all the necessary actions.

If you haven't completed them yet, please do this before proceeding to the as-

You are working as a freelance web developer, and your client wants you to deve-

Task Description

lop functionalities for an online clothing store. Another web developer in your team will design the website, so you don't need to do the HTML/CSS part. Your main focus is the website functionality.

Your ultimate goal for this project is to create the functionality of a clothing store's

Development Goals

e-commerce website. Its users should be able to perform the following actions:
Create, remove, and add shop clients.
Create, remove, and add clothing items and their descriptions.

- Change the availability of a certain item: how many items are in stock.
- Purchase clothing items ordered by clients.
- Deduct clothing item quantity from what's in stock.
- Action Plan

Shop information should include the shop name, address, and its unique

code.

Zara

Example:

Create an object that will hold the shop information, users, and items:

- Manhattan Avenue, New York NY656
- 47 4.06.1975

User information should include the user's first name, surname, age,

 Clothing items should include the item name, category, price, and stock quantity

and birthday.

Example:

Angelina

Jolie

- quantity.
- Example:
 Blue jeans
 Trousers

\$50

456

Develop the following functions:

Add users.

Hint: Use an array method that can push items to the array. To find this

method, you can rewatch the "How to Manipulate Strings and Arrays

Using Methods" lesson or look through the lesson summary.

Add items and item stocks.

methods.

Add items to the cart when a user is logged in.

Hint: To make sure that a user is logged in, use conditional loops and array

Hint: Find the item that needs to be restocked. Depending on the argu-

ment passed, the system should add the necessary stocks to this item.

To develop this, use conditional statements and array methods.

Confirm an order.

Deduct a user's purchased items from the stocks.

Hint: Make sure that the quantity of the user's order will be deducted

tion. This can be done using conditional statements.

Hint: Before a user can complete their order, it needs to undergo confirma-

Calculate the change, and show the receipt.

The system needs to calculate the total quantity per item, overall total quantity of the order, and change (if needed).

Hint: The user must see the receipt after they complete their order.

Documents to Hand In

and upload the file here.

from the item stocks respectively.

How to upload completed tasks

A ".zip" file containing a file named "sales.js."

To upload the assignment, make a ".zip" archive containing all the necessary files,