

Front-end Development using JavaScript

Final Project

Submission deadline 30 July 2023

Instructions:

1. Show the items **dynamically** using **JavaScript**. [10+10+10=30]
 - a. Use provided **API** to retrieve data and show display it.
 - b. Make sure to show the item details **accordingly** to the given **design**.
2. Make the **search** functionality work. Show only the items that **matches** the searched **keywords**. [10+10=20]
 - a. Make adjustments so that the search functionality has minimum normalization.
3. Make the **filtering** work. Show only the items that **matches** the filter **category**. [10]
4. Make **"Add to cart"** button functional. **Increment** cart count by **1** every time when the mentioned button is **clicked**. [10]
5. Make the cart **decrement** button cart. **Decrement** cart count by **1** when the decrement button is **pressed**. [10+10=20]
 - a. The cart count should not be less than **0 (zero)**.
6. Make the **admin** button functional. When pressed open **2 popups** to input the **username** and **user password**. The correct username should be **"iits"** and password should be **"23"**. [10]
7. If the user **credentials** are **correct** show to **"Add new item"** form.
 - a. Make the **close** button of **"Add new item"** form functional. When **pressed hide** the form. [10+10=20]
8. If the user **credentials** are wrong show wrong credentials **alert**, [10]
9. Handle form **submission** accordingly. Add **new** item to the item **list**. [10+10+10+10=40]
 - a. Make sure to **show** the item details **accordingly** to the given **design**.
 - b. Make sure that the **"Add to cart"** button works well with the **newly** added items.
 - c. Give a **validation** so that the user can not submit the form without choosing the appropriate **type** of the item.
 - d. **No need to apply POST request to the API**.
10. Upload your final project files to a new **GitHub** repository, [10]
11. Host the website using **GitHub pages** or **Netlify**. [10]
12. Submit **live website** link and **GitHub repository** links. [10+10=20]
13. Clean **code** and **documentation**, [40]

N.B: Every task has individual marks. Marks are given on the right side. Total marks 250. Do not copy from others. Copy will lead to disqualification for both parties. Project will only be checked and evaluated if submitted within deadline. Watch the reference video for better understanding. **All the best!**