

Web Development



Coding Club
IIT Guwahati



Greetings! We hope you have gone through the resources and understood the basics of web development.

Now it's time to test your understanding through a task.

There are two parts of the task and it's mandatory to attempt both the parts in order for the submission to be considered complete.

Sub Task 1 : Catalog Product Searching

You have to create a webpage displaying various products based on the data of the products that we have provided and implement search functionality (on the basis of the product description, name, etc) in it.

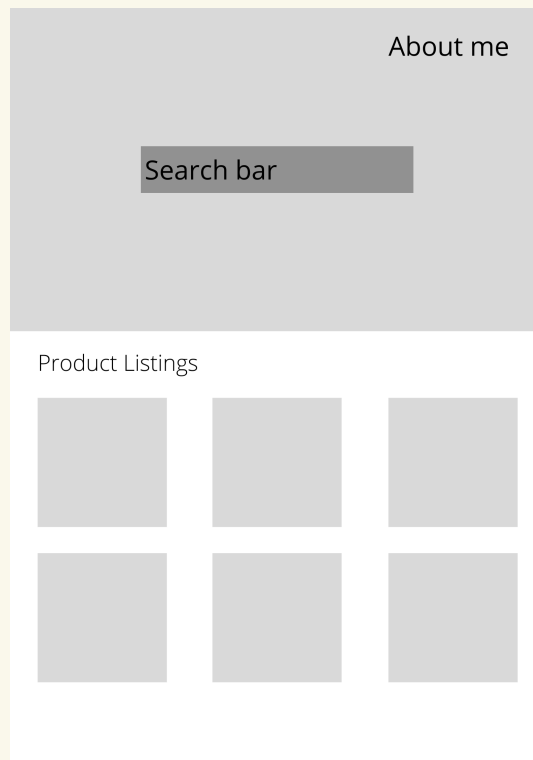
Search functionality : Whenever you type any keyword in the search bar the products listings should get filtered and only the products with the typed keyword in description should be visible. When the search bar is empty, all the products should be listed.

We have provided data in json format, you only have to only use "name" & "description" of the the products for listings and searching.

([Dummy Data Link](#))

We have provided a layout in a image for the searching page and it's mandatory to implement the similar design.





Search Page Layout

Sub Task 2 : “About Me” page

It’s an easy one!

Just simply create a webpage describing yourself, your skills, your hobbies etc etc.

There are no design restrictions, you can be as creative as you want ! Also add whatever you wish to add to make it standout!

*It should be a single webpage only and it’s link should be given on the search webpage (as given in the layout).



Instructions

1. The above-mentioned task can be easily done using HTML,CSS,JS (but you are free to use any extra tech stack of your choice).
2. The design of the catalog and searching page should be almost same as provided below.
3. The design of the “About me” page depends completely on you, try to innovate it as much as you can.
4. Also, if any one of you wishes to flex his/her programming skills by adding anything extra/dynamic you can obviously do!
But first, complete basic requirements and then add anything extra!



Submission

1. Create a new **Git repository** for this project and push it to GitHub (both tasks in a single repo). Make sure that the GitHub repo is 'public' and not 'private'. No changes committed after the deadline will be taken into account.
2. Upload a screen recording demonstrating both the webpages you developed on Google Drive.
3. The deadline for submission is **4th June EOD**.

As always, if you are ever stuck somewhere, we are there for help on the Coding Club Discord server.

Task Submission Link



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Make sure to go through all the details carefully to ensure that you perform well in the task.



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