Javascript Test II

Problem statement

Create a superhero hunter app. Use ONLY vanilla javascript, no libraries or frameworks allowed for Javascript (you can use any css framework like Bootstrap).

Instructions

- Use the Superhero API: https://superheroapi.com/?ref=apilist.fun
- Make sure to use the right API url else it will give you CORS error
- You are **ALLOWED** to style the app any way you like.
- You are **ALLOWED** to google and read how to approach the problem.
- **DO NOT** copy and paste code from the internet.
- **DO NOT** cheat with other students. ***REMEMBER:*** *These tests are for YOU so that you can learn something new. Cheating won't help. It's better to not submit the solution than to cheat and submit. PS: There will be a plagiarism check and when found cheating, you won't be allowed to give future tests.*
- Once you have finished with the test, make a video recording your computer screen (via phone or a software like OBS/screencastify etc) and **explaining how you have approached the problem** in code **and showing the final product**. The video can be **UPTO 5 mins** long. ***Please don't record videos longer than that.***
- **Upload** and **Host** the code on github as well.
- Once you have recorded the video, upload it on youtube (unlisted or whatever), drive or wherever you want to upload it and then fill out this form - **https://forms.gle/f48Ypu4W5fbVFG7M8** with the video link and the github repo link as well the hosted URL.
- Hosting on Github is compulsory, I will be rejecting the submission if not hosted!

Features *(No need for extra features, just make the listed features)*

- Home Page
    - Search any superhero from the API and display the search results on the frontend (as I type the search results should update, just like Google does for suggestions).
    - Each search result of the superhero should have a favourite button, clicking on which the superhero should be added to "My favourite superheroes" (a list).
    - On clicking any particular search result (any superhero), open a new page with more information about that superhero (Superhero page).

- **Superhero Page**
    - Should show a lot of information about the superhero like their name, photo, powerstats, bio (these are must, rest you can add if you want).

- **My favourite superheroes Page**
    - Display a list of all the favourite superheroes.
    - Make this list persistent (should have the same number of superheroes before and after closing the browser).
    - Remove from favourites button: Each superhero should have remove from favourites button, clicking on which should remove that superhero from the list.

Points on which the project will be judged

- All functionalities mentioned above
- Github
    - Readme.md file
    - Hosted code on Github
- Code
    - Comments
    - Structuring of code
    - Indentation
    - Variables and functions naming
- Styling
- Design
- Video (explanation about the project)
- Creativity