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PUI Final Project Write-up

Part 1:

My website is a quiz designed to help users determine whether their jobs will be replaced by AI. With the prevalence of AI tools like ChatGPT, many skills will be replaced by AI. Therefore, I wanted to create an informational tool to provide people with ideas about which skills will be valuable in the future and which ones will become obsolete.

Users can easily interact with the website by typing in their profession and selecting the top five skills that are most relevant to their profession. The website will then inform the user whether their job is at risk of being replaced by AI. The target audience is any working professionals.

Part 2

This is how the interaction works:

- On the Home page, type in your profession in the input box, then click "CONTINUE".
- On the Skill Selections page, select five skills that are the most relevant to your profession; selected skills should have glowing halos around them. Then click "CONTINUE".
- On the Results page, you will see whether your risk of being replaced by AI is HIGH, MID or LOW. A short paragraph explains the methodology behind the result. Click "START OVER" to start again.
- Ideal screen size: 3840 x 2160

Part 3

- Particles.js
- I chose to use particles.js because it has a cool animation effect.
- I used the animation as a subtle background effect for my website.
- I chose to use this animation to give my website a sci-fi look and feel.
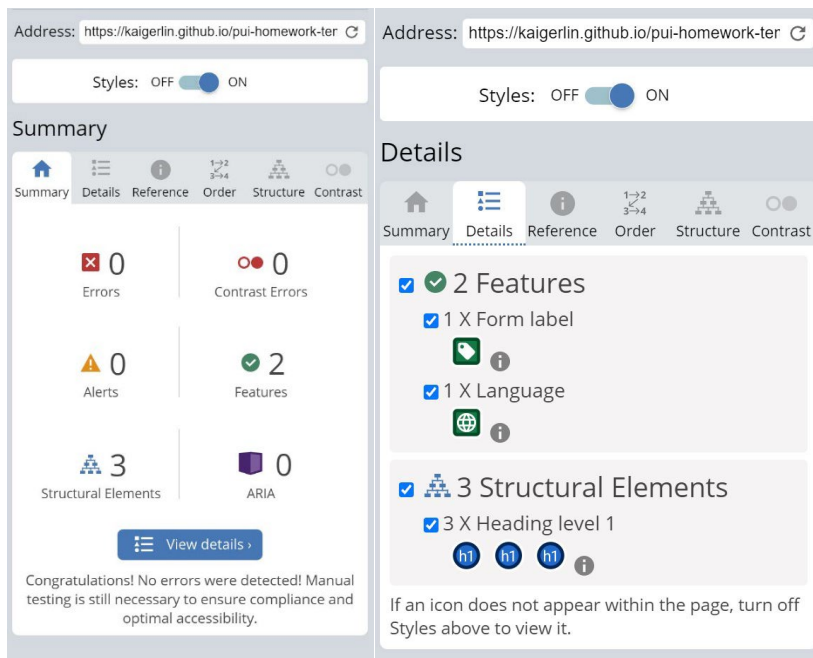
Part 4

During my iteration phase, my main consideration was ensuring that the instructions were clear. I tried out several different UIs for the skill selection page and experimented with different color schemes. Eventually I decided to go with black and white to reduce visual noise and used a simple glowing effect to emphasize on the skills selected. Another page that I simplified was the result page, showing the results only as "LOW", "MEDIUM" or "HIGH".

Part 5

One of the challenges I faced in implementing my website was the use of the JS library, I had a hard time trying to figure out how to make changes within the library so that the animation looks exactly the way I wanted it to. Eventually I read some additional tutorials and figured out.

Appendix:

Home Page:

Selection Page:

Result Page: