Thank you for taking Americaneagle.com's front-end developer skill assessment challenge. We will be testing your ability to complete a project another developer has already started - utilizing HTML, CSS, JavaScript, and other front-end best practices.

For this hypothetical situation, a Front End Developer has been working on the homepage build of a project, but will need your help to finish it and deliver to the client.

The graphical prototypes for the client's project, "Beautiful Beginnings", is located within Invision:

https://americaneagle.invisionapp.com/overview/Beautiful-Beginnings-ckw3tias200mw016p0txx7ufi/screens?share=&sortBy=1&sortOrder=1&viewLayout=2

Username: fed.test@americaneagle.com
Password: americaneagle

Within Invision, you should see desktop and mobile prototypes for the Homepage design of Beautiful Beginnings. On a prototype, you can use the 'Inspect' tool to access measurements, colors, and assets as well as get pixel-perfect comps, export assets, and generate real code for any design element. If needed, additional documentation on using the Inspect Tool within Inivision can be found here:

https://support.invisionapp.com/hc/en-us/articles/115000650823-Inspect-for-Craft-Sync

Below are the outstanding requirements that need to be completed to finish the Homepage build for the client.

Please keep in mind, the previous developer has not been able to fully test their code yet, so they not only need help resolving the following requirements, but can also use help catching anything that might have been missed in terms of best practices.

As part of the project requirements, the client is very particular about having fast page speed & performance, good search engine optimization, and wants interesting interactive pieces if possible.

The client also requested to have this page function properly in all browsers that are over 5% usage in the U.S. over the past couple of months according to browser statistics.

Below are the requirements that need to be completed:

Fonts:

- The font family 'Barlow' has been setup in the CSS rules, but the font itself still needs to be embedded on the front-end.

Main Navigation Menu – Mobile View:

- Expand and collapse functionality for the menu toggle to open up in small screens will need to be implemented.
    - The HTML markup and CSS for the navigation menu on mobile screens has been completed, but the functionality to expand and collapse the menu is missing.
    - The user interface for the menu toggle has been mocked up and is included in the mobile prototype of the Homepage if anything in the display needs to be fine-tuned.

Site Logos:

- The site logo has been added to the page in PNG format, but the client requested their logos to be scalable as there is a need to account for retina screens and also various screen sizes.

Icons:

- Some of the icons have not been setup yet:
    - Hamburger menu for the mobile main navigation
    - Cart icon
    - Search Icon

Hero Banner / Slideshow:

- Per the prototype, there needs to be additional "slides" on the Hero Banner.
    - Overall slideshow functionality will need to be implemented
    - HTML markup will need to be added for additional slides
    - HTML markup is also needed for the arrows, navigational dots, etc.

Site Search:

- While there is no mockup in the prototype for this, the previous developer added HTML markup for a search input to display when the search icon is clicked:

```
<div class="navbar__search">
    <label class="navbar__search-label" for="navbar__input">Search Bar</label>
    <input class="navbar__input" type="text" name="navbar__input" id="navbar__input" placeholder="Search..." />
</div>
```

- To complete this, there will need to be JavaScript functionality added to toggle this search when the icon is clicked. CSS will also need to be applied to stylize this and make it more aligned with the look and feel of the page.

Footer:

- The footer isn't quite correct:

- Social media icons and links need to be added to the Contact column.
- On the mobile prototype, the footer links are expandable and collapsible. Expand/Collapse JavaScript functionality has not been setup or styled yet.
  - Missing the +/- icons

Responsive Views:

- The previous developer unfortunately could not get the page to switch over to "mobile" styles in devices. Can you please review?

Testing:

- Please test and review to make sure nothing else was missed between translating the prototype into the front-end build.

Feedback:

Finally, the client is very active in the project and requested a technical breakdown of what was completed and how you resolved the missing requirements. They have also asked for feedback on how User Interface/User Experience as well as Front End Development best code practices can be improved upon in the future.

You can provide this technical feedback in either a written assessment OR via a quick screen recording using a tool like Screencast-o-matic. The screen recording can simply consist of you narrating the technical breakdown and improvement suggestions and share with us as part of the assessment challenge.