Task: Implement Infinite Scrolling Product Page with Navbar and Sections

As an intern, your task is to develop an infinite scrolling product page for our e-commerce website. The page should include a navbar and four sections with specific designs, as outlined below:

Navbar
- Create a responsive navbar that is fixed at the top of the page.
- Include relevant navigation links such as Home, Products, Categories, and Contact.
- Ensure the navbar is visually appealing and remains visible as the user scrolls down the page.

Section 1: Carousel
- Design a carousel section to showcase featured products or promotions.
- Implement a responsive carousel that automatically scrolls through the product images.
- Include navigation buttons or indicators to allow users to manually navigate through the carousel.

Section 2: Categorized Shapes
- Create a section that displays categories in specific shapes.
- Implement three different shapes for the categories: circle, star, and alternate-oriented triangles.
- Each category should have an associated label or icon.
- Ensure the section is visually appealing and the shapes are aligned properly.

Section 3: Creative Section
- Create a creative section related to e-commerce.
- Use your creativity to design an engaging component such as a "Deal of the Day," "Trending Products," or "Customer Testimonials."
- Implement visually appealing elements and animations to make the section stand out.
- Ensure the section is responsive and aligned properly with the overall page design.

Section 4: Product Page
- Implement the product page section where the infinite scrolling functionality will be added.
- Display products in a grid or list format, including relevant product information such as name, price, and image.
- Initially, load a fixed number of products, and additional products should be loaded dynamically as the user scrolls down.
- Fetch product data from the server using AJAX or any other suitable method.
- Update the product list in real-time without reloading the entire page.
- Show a loading indicator while fetching new products.
- Optimize the performance by loading products in chunks rather than all at once.
- Provide a visual cue (e.g., a "Load More" button or a loading spinner) when reaching the end of the currently displayed products.

Deadline: You are expected to complete the task within 24 hours from the time of assignment.

Submission:

- Deploy the completed project on GitHub Pages or any other hosting platform of your choice.
- Submit the deployed project's GitHub link as the submission.
- Include your GitHub account link as well.

Note: You can use any frameworks, libraries, or programming languages you're comfortable with, as long as the requirements are met.

Remember to prioritize functionality, user experience, and creativity while developing the page. Focus on clean code and efficient implementation to ensure smooth performance. Good luck with your task!

All the best