

# PIXXELHACK

WEBATHON 1.0 ELEMENTS DESCRIPTION



Powered By:



# Elements Description

## *Element 1 – loader page:*

*For Round 1, your first task is to accurately recreate the Loader Page. Your goal is to replicate the provided snapshot of the loader page as precisely as possible. Pay close attention to the overall design, layout, and visual elements presented in the snapshot.*

*While the design must be highly accurate, you have the flexibility to use your own choice of content for any text or specific images within the loader. This means you can customize messages, loading indicators, or any other dynamic content, as long as the structural and aesthetic integrity of the original design is maintained.*

*Focus on capturing the essence of the loader, including its animations (if any are visible), color schemes, typography, and positioning of elements, to ensure a seamless and professional user experience.*



# Elements Description

## *Element 2 - image hover:*

### *Image Hover Effect*

*For this element, your task is to implement an image hover effect. When a user hovers their cursor over the specified image (as shown in the provided video), the image itself should change its preview. This means the displayed image should transform into a different image or a different state of the same image upon hover.*

*Crucially, you must pay close attention to the cursor's appearance during this interaction. The size and shape of the cursor must remain strictly limited to what is demonstrated in the video. Do not introduce custom cursor styles or alter the cursor's dimensions beyond what you observe in the reference. The focus here is on a seamless and controlled visual change within the image, guided by a standard or minimally altered cursor.*

# Elements Description

## *Element 3 – image grid:*

### *Image Grid with Cursor Animations*

*For this element, you'll be creating an image grid. The core requirement here is to implement specific cursor animations within this grid, as demonstrated in the provided video.*

*Observe the video closely to understand how the cursor behaves and transforms when interacting with the images within the grid. This might involve:*

*Custom cursor designs: The cursor might change its appearance (e.g., shape, color, or icon) when hovering over different images or areas of the grid.*

*Interactive effects: The cursor's movement or interaction might trigger subtle visual effects or animations on the images themselves (e.g., a ripple, highlight, or zoom effect that follows the cursor).*

*Your task is to accurately replicate these cursor-driven animations and interactions within your image grid, ensuring they function precisely as shown in the video. Pay attention to the timing, fluidity, and visual style of these animations.*



# Elements Description

## *Element 4 – Navbar:*

*Your next task for Round 1 is to replicate the animated hamburger navigation bar as accurately as possible. This means focusing intensely on every detail of its appearance and behavior.*

*Observe the provided video reference closely for the following:*

*Initial State: How does the hamburger icon look when the page loads?*

*Animation on Click: What animation occurs when the hamburger icon is clicked to open the navigation menu? Pay attention to the transformation of the icon itself (e.g., lines rotating, moving), and how the menu appears (e.g., slides in, fades in, expands).*

*Opened State: How does the navigation menu look when it's fully open? Consider its layout, background, and the appearance of the navigation links.*

*Animation on Close: What animation occurs when the menu is closed (either by clicking the hamburger again or an "X" icon)?*

# Elements Description

## *Element 5 - page transition:*

*For this element, your task is to accurately reproduce the page transition effect demonstrated in the video. You need to observe carefully how the website visually moves or transforms from one page to another.*

*Your goal is to replicate this page-to-page visual change as precisely as possible, ensuring the user experience of navigating between pages mirrors what is shown in the provided video.*

# Elements Description

## *Element 6 – Infinite Marquee:*

*For this element, you are required to implement an infinite marquee effect as demonstrated in the provided video.*

*Observe the video carefully to understand the following characteristics of the marquee:*

*Your objective is to create a continuously scrolling strip of content that perfectly mimics the visual flow, speed, and seamless looping observed in the reference video.*



# Elements Description

## *Element 7 – team section:*

*For this element, you'll be developing a team section that features an interactive hover effect. As shown in the video, you'll present a list of team members, likely by their names.*

*The core functionality to replicate is the photo pop-up on hover. When a user hovers their cursor over a team member's name, that team member's photograph should appear or "pop up" directly within or adjacent to their name section.*

*Pay close attention to the following details in the video.*



# Elements Description

## *Element 8 - ripple effect:*

*For this element, you are required to implement a ripple effect based on the demonstration in the provided video.*

*Observe the video closely to understand how this effect manifests. A ripple effect typically involves a visual animation that emanates outwards from a point of interaction (like a click or tap), resembling the ripples created when an object is dropped into water.*

*Pay attention to the following details in the video:*

*Your goal is to accurately recreate this dynamic visual feedback, ensuring the ripple effect behaves precisely as shown in the reference video, providing a satisfying and intuitive user interaction.*

# Elements Description

## *Element 9 – Text Animation (Scroll-Based Sizing):*

*For this element, you are tasked with implementing a dynamic text animation that reacts to user scrolling, as depicted in the video.*

*The core behavior to replicate is:*

*Scrolling Down: As the user scrolls down the page, the size of the specified text element(s) should progressively increase.*

*Scrolling Up: Conversely, as the user scrolls back up the page, the size of the text element(s) should progressively decrease.*

*Observe the video closely to capture the nuances of this effect*

*Your objective is to accurately recreate this interactive text scaling effect, ensuring it provides a visually engaging and responsive experience as the user scrolls through the page.*



# Elements Description

## *Element 10: The Mystery Element*

*The final element for Round 1 is a Mystery Element, offering participants a unique opportunity to showcase their creativity and advanced web development skills.*

*For this element, you are free to implement any innovative and impactful web component of your choice. There are no specific constraints on what this element can be, beyond its integration into the overall webpage.*

*Consider incorporating:*

- 3D elements or animations: Utilize libraries like Three.js or WebGL to create immersive 3D experiences.*
- Interactive data visualizations: Present data in a dynamic and engaging way.*
- Unique cursor interactions: Beyond what's already requested, explore novel ways the cursor can interact with the page.*
- Generative art or effects: Create elements that respond dynamically or are procedurally generated.*
- Real-time interactions: Implement features that respond instantly to user input or external data.*

*The judging criteria for this element will focus on originality, technical complexity, visual appeal, and the seamless integration into your overall webpage design. Surprise us with your ingenuity!*