

CHALLENGES

Easy (2 points)

1. Creative 404/Error Handling:

Applications should provide a thoughtful and engaging experience when APIs are unavailable or endpoints return errors. Special recognition will be awarded for creative 404/error pages.

2. Dark Mode Support:

Applications that provide a well-implemented dark mode, either based on user preference or system settings, will earn additional points for enhancing usability and visual comfort.

3. Custom Loading States:

Applications should creatively handle loading states while waiting for API responses. Bonus points for making the loading experience engaging or context-aware (e.g., weather-related spinners, fun facts from an API, etc.).

Medium (4 points)

1. Dynamic Theming Based on API Data:

Projects that creatively adjust visual themes or UI elements in real-time based on data from public APIs (such as weather, time of day, or user activity) will be awarded bonus points for enhancing interactivity and immersion.

2. Multilingual Support:

Applications that enable seamless page translation into multiple languages using appropriate APIs will receive bonus consideration for promoting accessibility and global reach.

3. The Story Mode:

Applications that provide an engaging, and narrative-style guide to their website such as character-guided walkthroughs or a tutorial.

Hard (6 points)

1. Voice Navigation and Accessibility Features:

Applications that implement voice navigation, theme switching for colorblind accessibility, or a narrator that reads website components will be awarded special recognition for enhancing user inclusivity.

2. Text-to-Speech for Content:

Projects that incorporate text-to-speech functionality for articles or instructions—especially using APIs such as Web Speech API—will earn additional points for improving usability for commuters, multitaskers, and visually impaired users.

3. Parallel Interaction Mode:

Applications that allow two users to interact with the app at the same time whether cooperatively or competitively on the same screen or across connected devices. This could involve split-screen features, real-time shared input, or asynchronous collaboration mechanics.