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Proposed Component: Article

Effects:

Image Hover Overlay

https://www.w3schools.com/howto/howto_css_image_overlay.asp

Alert Buttons

https://www.w3schools.com/howto/howto_css_alert_buttons.asp

Countdown Timer

https://www.w3schools.com/howto/howto_js_countdown.asp

The re-usable component I'm creating for my tutorial work is a news article. Each article will contain an image thumbnail, an article title, and a brief article description. The purpose of this article component is to display large numbers of stories in a clear and concise manner, while still displaying essential and engaging information. This article component will also contain a marker, which identifies how important the article is. In the example I've linked, there are three levels of importance: Mild, spicy, and hot. Also, in the name of keeping things concise, more information will be help in a hoverable sub-component, the thumbnail. Hovering over the thumbnail will provide information about the author as well as key article information, like publication date.

The reason I chose my three effects were primarily because of their ability to aid in the creation of a simple, clean, and informative design. Like I mentioned above, the image hover overlay effect will help store key information in a space saving fashion, the alert buttons will help the user identify important stories, and the countdown timer will show what stories have updates coming soon, so the user knows exactly when to check back.

I plan to have a few event actions. Firstly I would like the user to be able to click the alert buttons to sort all news articles by importance. Another event handler I would like is an article expansion handler. When a user clicks anywhere on the article, the article box will expand to the width of the screen and display the full article.