

My Tutorial Proposal (PDF)

My component will be a combination of two main elements with the possible ending functionality of another element involving array creation by a user.

The first main element will be a filter element function which allows the user to filter OUT specific elements within an array. In the context of my website purpose, I will create an album genre sorting page that allows the user to click a specific genre at the top of the page that filters out all the albums from the page to just that user specific genre. The genre selection will range from Punk, Electronic Music, Jazz, Post-Rock and a host of others. Additionally my album database has an album_genre column which I could use as the basis for my first collection of genres for the user to select. **(see poc.html for prototype layout)**

The second main element will be a “hover over” function which allows the user to view the contents of a specific album that is present on the page and hasn’t been filtered out. The contents of hovering over a specific album will contain the album, band name, and the year it was released. Additionally my album database has an album_name, album_author (band name) and album_release_date column so I can directly import database contents into this tutorial component.

(see poc.html for prototype hover over feature for sample album cover)

The final mentioned addition is allowing the user to add albums that can be added to the overall album array. This would be presented to the user by displaying an “add + ” button and then displaying a pop-up screen that tells the user to insert information about this new album addition. When the user decides to add a new album to be filtered, the component will ask the user what the album name is (album_name), the band name (album_author) and when it was released (album_release_date). This addition does not contain a basis in a HOW TO page from W3School, so this will be an interesting challenge to attempt for more complex user functionality.

Inspired by the following links: [W3C Filter Over](#) and [W3C Image Hover Overlay](#)