Feature: Price Range Sorting

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Major positives

- The feature aligns with its original design goal of Reliability in that it will provide reliable data. In addition, the implemented pagination logic and filtering criteria in the developer design demonstrate a focus on handling large datasets. Filtering results by page number, page size, and price range reduces the server load and response time.
- The developer follows the BRD design and implements the success and failure cases accordingly along with specific logging instructions and business requirements such as the max and min values where the user cannot enter anything less than 0 for the bottom price and anything more than 1,000,000.
- The Sequence Diagrams that show Price Range Sorting Success and Failure follow the requirements inside of the BRD as well.

Major negatives

- The fetch request for price range sorting is slow, so the return time is inconsistent.
- Price Range Sorting UI scaling is not implemented to fit mobile uses.

Test Recommendations

- I recommend the developer create some stress tests for the front end to see whether the feature can handle more requests.
- The developer should try to create a frontend test to check whether the result of at least one item matches with the data inside the database to make sure the data does not get corrupted on its way over to the frontend project.