Tech Spec

Ask: Create an application that displays artwork on view at the museum.

Functional Requirements:

1. Use MMA API to gather data- could use axios to get data -> JSON -> into a state to iterate on
   1. Use MMA API to get information about departments whats the url for departments? https://collectionapi.metmuseum.org/public/collection/v1/departments
   2. Use MMA API to get list of artworks at each department search given a departmentID to return objects that are part of that specific department /public/collection/v1/search
   3. Use MMA API to get images of artwork at each department object has primaryImage attr and additionalImages attr.
2. Allow user to select a department to view artworks from using a dropdown list probably a simple select element with department names as options
3. When viewing the artworks limit display to 10 results at a time (pagination)
4. On clicking an artwork navigate to a detail page
5. The detail page displays the artwork image and additional information additional information could be:

| objectName |  |
| --- | --- |
| title |  |
| culture |  |
| period |  |
| artistDisplayName |  |
| artistBeginDate |  |
| artistEndDate |  |
| creditLine |  |

1. Add a save to favorites button on this detail screen useState or if time allows implement Redux
2. Create a favorites page to view the list of favorite artwork

Domain Requirements:

1. Written in Typescript
   1. Using Vite to expedite development. ReactJS + Typescript
2. Save to Github
3. Avoid hard-coding file paths