JACKSON RATHGEBER

Midterm Site

Website Demo

Code Snippet

```javascript
  3  //,Tuke ruw API dutu und extruct imugey information
  4  const buildImageUrl = (imageId, width = 843) => {
  5      if (!imageId) return null
  6      return `https://www.artic.edu/iiif/2/${imageId}/full/${width},/0/default.jpg`
  7  }
  8
  9  // Fetch artwork from Art Institute of Chicago API then convert to usable format
 10  const fetchArtworkById = async (id) => {
 11      const url = `https://api.artic.edu/api/v1/artworks/${id}?fields=id,title,artist_display,image
 12      try {
 13          const { data } = await axios.get(url)
 14          const d = data?.data
 15          if (!d || !d.image_id) return null
 16          return {
 17              id: d.id,
 18              title: d.title || 'Untitled',
 19              artist: d.artist_display || 'Unknown artist',
 20              imageUrl: buildImageUrl(d.image_id),
 21          }
 22      } catch (err) {
 23          // If ID doesn't match any art, move on
 24          return null
 25      }
 26  }
 27
 28  // Keep trying random IDs until 8 artworks secured
 29  const searchImages = async (count = 8) => {
 30      const results = []
 31      let attempts = 0
 32      const maxAttempts = count * 12
 33
 34      while (results.length < count && attempts < maxAttempts) {
 35          attempts += 1
 36          const randomId = Math.floor(Math.random() * 120000) + 1
 37          const item = await fetchArtworkById(randomId)
 38          if (item) results.push(item)
 39      }
 40
 41      return results
```

Next Steps

1

Improve stylization / polish

2

Add search bar or other feature
for deeper user interaction

3

Investigate ways to deliver more
information about each piece