

AI WARNING: Most of the submissions we receive are AI generated. Core logic shouldn't be AI Generated. AI generated submissions will be discarded instantly.

IMPORTANT:

1. It is very important to go through the `Checks before Submission` section of the doc before you submit the assignment else your assignment will be discarded.
2. Watch this video explanation of the assignment before reading the doc. You will need to rewatch this video multiple times during the development process.

VIDEO LINK:  react assignment explanation.mp4

**Note*: Steps and FAQs are mentioned below screenshots.*

API: <https://api.artic.edu/api/v1/artworks?page=1>

COMPONENT: <https://primereact.org/datatable/>

Fields: title, place_of_origin, artist_display, inscriptions, date_start, date_end

ScreenShots:

<input type="checkbox"/> ✓ Code	Name	Category
<input type="checkbox"/> f230fh0g3	Bamboo Watch	Accessories
<input type="checkbox"/> nvklal433	Black Watch	Accessories
<input type="checkbox"/> zz21cz3c1	Blue Band	Fitness
<input type="checkbox"/> 244wgerg2	Blue T-Shirt	Clothing
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STEPS:

- Create React App
 - React app must be created with **VITE**
 - React app must use typescript. Javascript application will not considered
- Add Prime React table
 - Add table using Prime React DataTable component
 - Fetch first page data on initially and show it in the table as described in video explanation
- Add pagination in table
 - Allow user to change page
 - Use server side pagination, means when user change page then application should call the data from the server for the respective page(described in video)
- Add select row checkbox
 - Allow user to select rows one by one or all at once
 - Add a custom row selection panel(explained in video)
 - Custom row selection must persist the selected and unselected row on page change(explained in video)

Checks before Submission:

Video explanation -> 📺 **checks before submission.mp4**

It is very important to make sure that these few features are working as expected before you submit the assignment else the submission will be discarded.

1. There must not be any variable which is holding all the rows fetched in different pages, else it will lead to **out of memory** issue.
 - a. On every page change you must call the api to fetch the respective page data irrespective of how many times user visits a page
2. Rows selection and deselection must persist across different pages
 - a. As a user, if I visit page 2(or any page) and select(or deselect) a few rows and switch to a different page then those selection(or deselection) must persist when I visit page 2 later.

Submission:

1. Deploy your application on [netlify](#) or cloudflare or any cloud provider of your choice except vercel
2. **Share github repository and deployed url.**
3. Submission must happen within **2 days of receiving assignment.**

FAQ:

Q1. Can I submit this assignment with javascript instead of typescript?

Ans: No

Q2. Can I submit the assignment without using vite?

Ans: No

Q3. Why am I not getting any response?

Ans: Any assignment with issues mentioned in `Checks before Submission` section will be ignored.