

Assignment

Web application development

Objective

The goal of this assignment is to create a functional web application using React.js or solidjs to showcase your understanding of fundamental web development concepts, your proficiency with JavaScript (preferably Typescript), and your ability to create a user-friendly UI/UX.

Task

You are to build a simplified "Video Clone" web application. This application should allow users to:

1. View a list of predefined video thumbnails.
2. Click on a thumbnail to play the video.
3. See basic information about the video such as the title and description.

Note: You will be calling the videos API in a paginated manner. (Read this to know more about API pagination - <https://nordicapis.com/everything-you-need-to-know-about-api-pagination/>)

For fetching videos use the below-mentioned API

```
curl --location --request GET 'https://internship-service.onrender.com/videos?page=2'
```

`page` starts with 0 and you should call the API with incremented values for Pagination.

Requirements

React Components

Your app should properly use React components, demonstrating the ability to manage and maintain state and props effectively.

User Interface

The app should have a clean, intuitive user interface that makes it easy to browse videos and play them.

Video Playback

You can use any public API or local data to retrieve videos. Use HTML5 video or a library like react-player for video playback.

State Management

The app should properly manage the state of the video list and the currently selected/playing video.

Try to use the following web technologies, you will be awarded bonus points if you try to inculcate them

1. Solid JS
2. Tailwind
3. Typescript
4. Modular / Atomic components
5. Storybook
6. Try to maintain like count and comments in local storag

Note: You will be calling the videos API in a paginated manner. (Read this to know more about API pagination - <https://nordicapis.com/everything-you-need-to-know-about-api-pagination/>)

For fetching videos use the below-mentioned API

```
curl --location --request GET 'http://localhost:6000/videos?page=2'
```

`page` starts with 0 and you should call the API with incremented values for Pagination.

Bonus

(not required, but will add value)

1. Responsiveness: Make the design responsive so it works on various screen sizes and devices.

Submission

Please submit your completed assignment via GitHub. Include a README with instructions on how to install and run your application.

Also, host this website on free web services like Heroku, Netlify, etc, and add the link in README.

Also, please fill out this form to submit your application <https://forms.gle/Xd9jfzsUjZQbBvwK7>