

Machine Coding Round Nine

Video Library

The goal of this assignment is to create a video library app using React JS.

Instructions:

1. Create this application using React JS Hooks.
2. You can use plain CSS or any CSS library you want.
3. JSON data has been provided below. Feel free to add more data to it, if you want.
4. This is a frontend assignment. No backend involved.
5. You have to host your site live and submit the live link along with Github link of your code or you can choose to code on CodeSandbox and submit the CodeSandbox link.
6. You have to complete the below mentioned features and make your submission here on LMS by 8:00PM IST, 29th July 2023 (Today).
7. You can use google for your coding errors and queries.

App Features:

1. Home Page
 - a. I can see a landing page with a list of few categories.
 - b. If I click on any one of the categories I will be redirected to the video list page with the selected category.
2. Video Listing Page
 - a. I can see a video listing page where all the videos are listed.
 - b. On the Video Cards, I can see a call-to-action button,
 - Watch Later: I can click on the "Watch Later" icon which will add the video to the watch later list & if I again click on it removes it from the watch later list.

- On page reload, data should persist on the watch later page.
- Each video should contain number of views and author name.

3. Playlist Management

- a. From the sidebar, I can navigate to my playlists where all my playlists are present with the names & videos.
- b. On the Playlist Page,
 - I can create a new playlist.
 - I can delete an existing playlist
 - I can remove a video from a particular playlist.
- c. On the playlist, data should persist on page reload.

4. Watch Later Page

- a. I can add or remove a particular video to watch later from either a video listing page or from a single video page that will add or remove the video from the Watch Later list.
- b. Data should persist on this page on page reload.

5. Search Video

- a. I can search for a video by title from the Explore Page.
- b. On Explore Page list all your videos.

6. Single Video Page

- a. I can click on a particular video thumbnail that is redirecting me to a single video page where I can,
 - Save to Playlist: I can create a playlist and save any video to that playlist. I can create as many playlists as I want. I can also delete a playlist.
 - Once a playlist is created, it should persist on page reload. The videos added to the playlists should also persist.

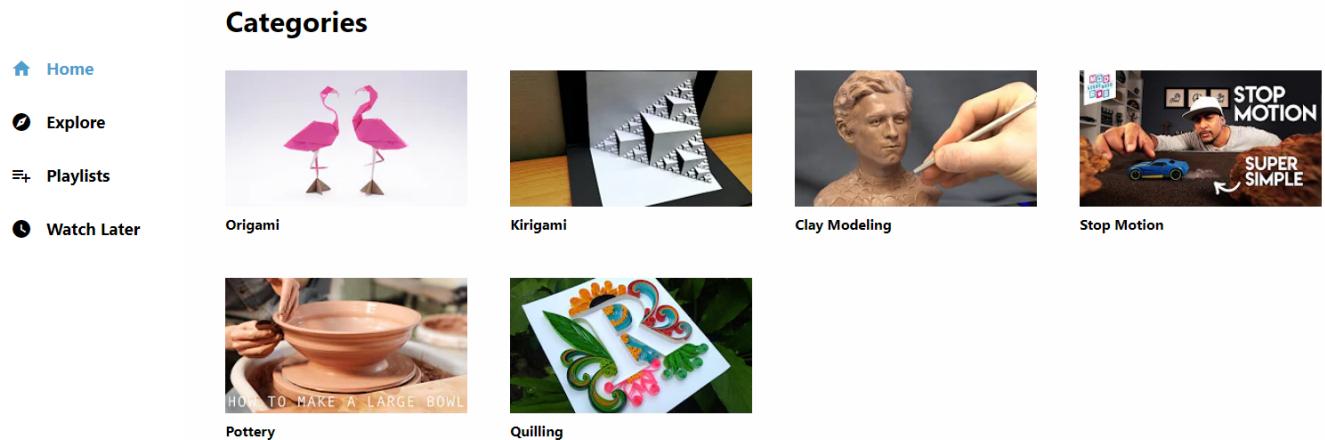
- Watch Later: I can add or remove a particular video to watch later that will add or remove the video from the Watch Later list.
- Notes for the video: I can see an "Add notes" icon or button on which if I click, I open a text area where I can add notes for the video.

7. Notes on a video

- I can save notes for a video from the particular video page.
- I can edit & update notes for a video from the particular video page.
- I can delete notes of a video from a particular video page.
- The notes should persist on page reload if added to a video.

Screens:

Home/Landing Page:



Category wise video listing page:

Origami

- Home
- Explore
- Playlists
- Watch Later



Origami Swan - Simple and
Elegant
Origami
2879 views | PaperCraftPro



Origami Crane Mobile - DIY
Home Decor
Origami
2251 views | HomeCraftHacks



Origami Elephant - Step-by-
Step Tutorial
Origami
2879 views | OrigamiWonderland

Single Video Page:

- Home
- Explore
- Playlists
- Watch Later

Rickroll (Meme Template)

Watch later Share

Watch on YouTube

Origami Crane Mobile - DIY Home Decor

More Videos:



Origami Swan - Simple and
Elegant
PaperCraftPro



Kirigami Flower Bouquet -
Beautiful Handmade Gift
Crafty Delights



Sculpting Animals from
Polymer Clay - Step by Step
Guide
CraftyCritters



Stop Motion Short Film -
Adventure in Toyland
ToyStoryMakers



Handmade Pottery Vases -
Decorating with Ceramic Glaze
CeramicArtistry

[Start]

Video marked as watch later:

[Home](#)

[Explore](#)

[Playlists](#)

[Watch Later](#)



More Videos:



Origami Swan - Simple and Elegant
PaperCraftPro



Kirigami Flower Bouquet -
Beautiful Handmade Gift
Crafty Delights



Sculpting Animals from
Polymer Clay - Step by Step
Guide
CraftyCritters



Stop Motion Short Film -
Adventure in Toyland
ToyStoryMakers



Handmade Pottery Vases -
Decorating with Ceramic Glaze
CeramicArtistry

My Notes

Watch Later page:

Watch Later

[Home](#)

[Explore](#)

[Playlists](#)

[Watch Later](#)



Origami Crane Mobile - DIY
Home Decor
Origami
2251 views | HomeCraftHacks



Origami Swan - Simple and
Elegant
Origami
2879 views | PaperCraftPro



Origami Elephant - Step-by-
Step Tutorial
Origami
2879 views | OrigamiWonderland

Explore Page:

Explore

Home

Explore

Playlists

Watch Later

Search video by title



Origami Swan - Simple and Elegant
Origami
2879 views | PaperCraftPro



Kirigami Flower Bouquet - Beautiful Handmade Gift
Kirigami
1756 views | Crafty Delights



Sculpting Animals from Polymer Clay - Step by Step Guide
Clay Modeling
2251 views | CraftyCritters



Stop Motion Short Film - Adventure in Toyland
Stop Motion
3172 views | ToyStoryMakers



Handmade Pottery Vases - Decorating with Ceramic



Quilling Art Techniques - Creating Intricate Designs



Origami Crane Mobile - DIY Home Decor



Kirigami Birthday Pop-Up Box - Surprise Gift

Playlist page:

Playlists

Home

Explore

Playlists

Watch Later



Music Videos

my personal favourites

Add new Playlist:

Playlists

- Home
- Explore
- Playlists
- Watch Later



Music Videos
my personal favourites

+

Add To Playlist

New Playlist

New Playlist

Create New Playlist

Single Playlist Page

Music Videos

- Home
- Explore
- Playlists
- Watch Later



 **Origami Crane Mobile - DIY Home Decor Origami**
2251 views | HomeCraftHacks



 **Kirigami Flower Bouquet - Beautiful Handmade Gift Kirigami**
1756 views | Crafty Delights



 **Sculpting Animals from Polymer Clay - Step by Step Guide Clay Modeling**
2251 views | CraftyCritters

Search Feature

Explore

Home

Explore

Playlists

Watch Later

Kiri



 Kirigami Flower Bouquet -
Beautiful Handmade Gift
Kirigami
1756 views | Crafty Delights



 Kirigami Birthday Pop-Up
Box - Surprise Gift
Kirigami
3172 views | GiftsFromHeart



 Kirigami Art Collage -
Combining Paper Shapes
Kirigami
1756 views | CreativeFolds

Waiting for jnn-pa.googleapis.com...

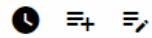
Create Playlist Button in action



Watch on  YouTube



 Origami Crane Mobile - DIY Home Decor



Add To Playlist

Enter title of your playlist

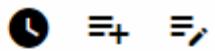
Write a description

Create New Playlist



My Notes





≡+

≡,

Add To Playlist

Enter title of your playlist

Write a description

Create New Playlist

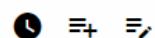
Music Videos



Notes in action



Origami Crane Mobile - DIY Home Decor



≡+

≡,



My Notes

Rick and Roll is nicee and good. Taa raa taa tara ra rum





Beautiful Handmade Gift

🕒 ⌂ ⌂,

aa raa taa tara ra rum

X

New notes

Add New Note

//Categories Data

```
import { v4 as uuid } from 'uuid'

export const categories = [
  {
    _id: uuid(),
    thumbnail:
      'https://i.ytimg.com/vi/D6QM3Xed2J0/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/D6QM3Xed2J0',
    category: 'Origami',
  },
  {
    _id: uuid(),
    thumbnail:
      'https://i.ytimg.com/vi/cScuMgYHKeM/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/cScuMgYHKeM',
    category: 'Kirigami',
  },
  {
    _id: uuid(),
    thumbnail:
      'https://i.ytimg.com/vi/HouoBQcr3zU/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/HouoBQcr3zU',
    category: 'Clay Modeling',
  },
  {
    _id: uuid(),
    thumbnail:
      'https://i.ytimg.com/vi/CJ7LQXgp81w/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/CJ7LQXgp81w',
    category: 'Stop Motion',
  },
  {
    _id: uuid(),
  }
]
```

```

    thumbnail:
      'https://i.ytimg.com/vi/3a6A3_08jNo/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/3a6A3_08jNo',
    category: 'Pottery',
  },
  {
    _id: uuid(),
    thumbnail:
      'https://i.ytimg.com/vi/k0WSpTFYLoK/hqdefault.jpg?sqp=-oaymwEcCPYBEIoBSFXyq4qpAw4IARU/
    src: 'https://www.youtube.com/embed/k0WSpTFYLoK',
    category: 'Quilling',
  },
]

```

//All Videos Data

```

export const videos = [
  {
    _id: 19,
    title: 'Origami Swan - Simple and Elegant',
    views: 2879,
    chips: ['origami', 'swan', 'paper', 'elegant'],
    thumbnail: 'https://picsum.photos/300/174',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Origami',
    creator: 'PaperCraftPro',
  },
  {
    _id: 20,
    title: 'Kirigami Flower Bouquet - Beautiful Handmade Gift',
    views: 1756,
    chips: ['kirigami', 'flower bouquet', 'paper', 'gift'],
    thumbnail: 'https://picsum.photos/300/175',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Kirigami',
    creator: 'Crafty Delights',
  },
  {
    _id: 21,
    title: 'Sculpting Animals from Polymer Clay - Step by Step Guide',
    views: 2251,
    chips: ['sculpture', 'polymer clay', 'animals', 'crafts'],
    thumbnail: 'https://picsum.photos/300/176',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Clay Modeling',
    creator: 'CraftyCritters',
  },
  {
    _id: 22,
    title: 'Stop Motion Short Film - Adventure in Toyland',
    views: 3172,
    chips: ['stop motion', 'short film', 'toyland', 'adventure'],
    thumbnail: 'https://picsum.photos/300/177',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Stop Motion',
    creator: 'ToyStoryMakers',
  },
  {
    _id: 23,
    title: 'Handmade Pottery Vases - Decorating with Ceramic Glaze',
    views: 2879,
  }
]
```

```
chips: ['pottery', 'clay', 'vases', 'ceramic glaze'],
thumbnail: 'https://picsum.photos/300/178',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Pottery',
creator: 'CeramicArtistry',
},
{
_id: 24,
title: 'Quilling Art Techniques - Creating Intricate Designs',
views: 1756,
chips: ['quilling', 'paper art', 'techniques', 'intricate designs'],
thumbnail: 'https://picsum.photos/300/179',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Quilling',
creator: 'ArtfulQuills',
},
{
_id: 25,
title: 'Origami Crane Mobile - DIY Home Decor',
views: 2251,
chips: ['origami', 'crane', 'mobile', 'paper', 'home decor'],
thumbnail: 'https://picsum.photos/301/174',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Origami',
creator: 'HomeCraftHacks',
},
{
_id: 26,
title: 'Kirigami Birthday Pop-Up Box - Surprise Gift',
views: 3172,
chips: ['kirigami', 'birthday pop-up box', 'paper', 'surprise gift'],
thumbnail: 'https://picsum.photos/302/174',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Kirigami',
creator: 'GiftsFromHeart',
},
{
_id: 27,
title: 'Sculpting Fantasy Creatures - Unleash Your Imagination',
views: 2879,
chips: ['sculpture', 'fantasy creatures', 'clay', 'imagination'],
thumbnail: 'https://picsum.photos/303/174',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Clay Modeling',
creator: 'FantasyArtWorks',
},
{
_id: 28,
title: 'Stop Motion Animation Contest - Show Your Skills',
views: 1756,
chips: ['stop motion', 'animation contest', 'competition'],
thumbnail: 'https://picsum.photos/304/174',
src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
category: 'Stop Motion',
creator: 'AnimateMasters',
},
{
_id: 29,
title: 'Pottery Wheel Techniques - Creating Stunning Bowls',
views: 2251,
chips: ['pottery', 'clay', 'wheel techniques', 'bowls'],
```

```
    thumbnail: 'https://picsum.photos/305/174',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Pottery',
    creator: 'ArtisticPots',
},
{
  _id: 30,
  title: 'Quilling Greeting Cards - Handmade Cards for Every Occasion',
  views: 3172,
  chips: ['quilling', 'greeting cards', 'paper', 'occasions'],
  thumbnail: 'https://picsum.photos/306/174',
  src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
  category: 'Quilling',
  creator: 'CraftyGreetings',
},
{
  _id: 31,
  title: 'Origami Elephant - Step-by-Step Tutorial',
  views: 2879,
  chips: ['origami', 'elephant', 'paper', 'tutorial'],
  thumbnail: 'https://picsum.photos/307/174',
  src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
  category: 'Origami',
  creator: 'OrigamiWonderland',
},
{
  _id: 32,
  title: 'Kirigami Art Collage - Combining Paper Shapes',
  views: 1756,
  chips: ['kirigami', 'art collage', 'paper', 'shapes'],
  thumbnail: 'https://picsum.photos/308/174',
  src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
  category: 'Kirigami',
  creator: 'CreativeFolds',
},
{
  _id: 33,
  title: 'Sculpting Realistic Portraits - Mastering Human Faces',
  views: 2251,
  chips: ['sculpture', 'realistic portraits', 'clay', 'human faces'],
  thumbnail: 'https://picsum.photos/309/174',
  src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
  category: 'Clay Modeling',
  creator: 'PortraitsInClay',
},
{
  _id: 34,
  title: 'Stop Motion Animation Tips and Tricks',
  views: 3172,
  chips: ['stop motion', 'animation', 'tips', 'tricks'],
  thumbnail: 'https://picsum.photos/310/174',
  src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
  category: 'Stop Motion',
  creator: 'AnimateMagic',
},
{
  _id: 35,
  title: 'Pottery Art Exhibition - Celebrating Local Artists',
  views: 2879,
  chips: ['pottery', 'clay', 'art exhibition', 'local artists'],
  thumbnail: 'https://picsum.photos/311/174',
```

```
        src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
        category: 'Pottery',
        creator: 'ArtisticExpressions',
    },
{
    _id: 36,
    title: 'Quilling 3D Wall Art - Adding Depth to Paper Designs',
    views: 1756,
    chips: ['quilling', '3d wall art', 'paper', 'designs'],
    thumbnail: 'https://picsum.photos/312/174',
    src: 'https://www.youtube.com/embed/GBIIQ0kP15E',
    category: 'Quilling',
    creator: 'PaperArtDimensions',
},
]
]
```