 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Subject: AWT (01CT1625)	Aim: Frontend: Using ReactJS, integrate video player like a youtube clone	
Experiment No: 8	Date:	Enrollment No: 92200133005

AIM: Frontend: Using ReactJS, integrate video player like a youtube clone

CODE:

```
import React, { useState } from 'react';

import './App.css';

import VideoPlayer from './components/VideoPlayer';
import VideoList from './components/VideoList';

function App() {

  const [selectedVideo, setSelectedVideo] = useState({

    id: 1,

    title: 'Sample Video 1',

    url: 'https://www.learningcontainer.com/wp-content/uploads/2020/05/sample-mp4-file.mp4',

    channel: 'Test Channel'

  });

  const videos = [ {

    id: 1,

    title: 'Sample Video 1',

    url: 'https://www.learningcontainer.com/wp-content/uploads/2020/05/sample-mp4-file.mp4',

    thumbnail: 'https://via.placeholder.com/320x180',

    channel: 'Test Channel',

    views: '1.2K views',{ //other links);}


  ];

  export default App;

  import React from 'react';

  function VideoPlayer({ video }) {

    return (
```

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```

<div className="video-player">
  <div className="video-container">
    <video
      src={video.url}
      controls
      width="100%"
      poster="https://via.placeholder.com/640x360"
    ></video>
  </div>
  <div className="video-info">
    <h2>{video.title}</h2>
    <p>{video.channel}</p>
  </div> </div> );}


export default VideoPlayer;

import React from 'react';

import VideoItem from './VideoItem';

function VideoList({ videos, onVideoSelect }) {
  return (
    <div className="video-list">
      <h3>Recommended Videos</h3>
      {videos.map(video => (
        <VideoItem
          key={video.id}
          video={video}

```

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```

    onVideoSelect={onVideoSelect}

  /> ))}

</div> );}

export default VideoList;

import React from 'react';

function VideoItem({ video, onVideoSelect }) {

  return (

    <div

      className="video-item"

      onClick={() => onVideoSelect(video)} >

      <img

        src={video.thumbnail}

        alt={video.title}

        className="thumbnail" />

      <div className="video-item-info">

        <h4>{video.title}</h4>

        <p>{video.channel}</p>


        <p>{video.views}</p>

      </div> </div> );}

export default VideoItem;

```

OUTPUT:

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