

## **Frontend(Web) Applicant Assignment**

### **Implemented the following features for video player**

- Used Library and Dependency.
  - Created a component of the player and implemented the video player with the help of the React library **React-Player**.
  - Create a single page React app and wrap the component with material UI.
  - All the button components, styling and responsiveness are achieved with a material UI.
- Features
  - Video title on top left corner
  - Bookmark button on the top right corner helps to save the bookmark of the video. It takes the screenshot and saves it in the bookmark canvas which will be bottom on the page below the playlist container. On clicking on the bookmark image, the video will start where it has been bookmarked.
  - Play/Pause button on middle as well as the bottom of the video with appropriate icon
  - All the buttons and icons were hidden automatically once the mouse did not move till 3 sec.
  - Fast Forward and Rewind button which makes the video forward and rewind in 10 sec.
  - Progress bar with seeking feature which displays the time of video(duration time and elapsed time)
  - Mute button
  - Volume slider to change the volume of the video
  - Total time, elapsed time of the video. On clicking the time it will display the remaining time of the video.
  - Playback rate is slow from 0.5x and fast forward of 2x.
  - Toggle the full screen button.
  - Playlist of the videos with a clickable button displaying the name of the file.