Javascript Challenge - Video

Description

This project is designed to test your knowledge of web technologies and assess your ability to create frontend UI products with attention to software architecture.

Assignment

Create an application that allows a user to slice up a video (sample video: https://download.blender.org/durian/trailer/sintel_trailer-480p.mp4) into clips.

As part of this application, use at least one of the following frameworks to facilitate development – however you may also use any other tools to help complete the project:

- Angular 2+
- React.js
- Vue.js

Mandatory Features

- An HTML5 video player that utilizes media fragments
- A list of clips to be played in the video player
- The first item in the list should be the full video
- An interface to add new clips to the list by specifying a name, start time, and end time
- The ability to delete clips from the list (excluding the full video item)
- The ability to edit existing clips in the list
- The ability to play clips in the video player

Bonus (Optional)

- The ability to automatically jump to the next clip after it finishes, with a 3 second waiting
- period and appropriate loading animation.
- The ability to 'save' clips for persistent use.

- The ability to add arbitrary 'tags' to clips so that they can be filtered by the tag name.
- Hotkeys to jump between the current clip and next and previous clips (if there are any)
- Markers on the video player timeline that denote where a clip starts (full video only).
- Clicking the marker chooses that clip and plays it from that point.
- The ability to reuse the the player and playlist on another page without the editing
- Capabilities

Deliverables

When you finish the assignment, upload your project to your Git repo (Github, BitBucket, etc...) and share the repository link with your initial contact via email. Indicate which, if any, of the bonus tasks you completed.