**Code Test**

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| **Role** | Frontend (Vue.js) Developer |
| **Department** | Core Development |
| **Reports to** | Head of Software Development |
| **Time Allocation** | 2 days |

**Overview**

The purpose of this code test is to help us understand your style of coding, technical proficiency and decision-making process.

We are looking at how you approach a problem and how closely you can follow a specification. Remember to show off your ability to write readable code that is maintainable and scalable.

If you struggle with understanding the requirements, please forward your questions to your recruiter, so that we can assist you.

**Requirements**

You are required to build a simple Vue.js SPA that allows users to watch videos. You will need to develop two pages; Home page and Video page.

**Home Page**

* The home page must have a horizontal carousel displaying thumbnails of video content retrieved from the provided API endpoint.
* User selects a thumbnail and is redirected to the video page (you must use Vue Router).

**Video Page**

* The video page will display the title and poster with a Play button.
* When the user clicks on the Play button, the poster changes to the video player and plays the video. (You can use any video.js as your video player library)

**The following requirements for UI Components**

* Horizontal Carousel
* Video player

**The following requirements for the Video player Component**

* Can use video.js as the video player library.
* Custom Play/Pause button for video player.

**The following requirements for UI Behaviour**

* Play/Pause button icon should change with the video state

**The following requirements for UI Styling**

* Thumbnail
  + height: 600px
  + margin: 40px
  + Focus style: 2px border #FFD700
* Play/Pause button
  + Focuse style: Background #FFD700

**Unit Tests**

* Please provide some unit tests (e.g. Jest). You need to have 100% coverage of the application.

**Available resources**

* API endpoint: <http://hybridtv.ss7.tv/techtest/movies.json>
* Icons
  + Play button: <http://hybridtv.ss7.tv/techtest/assets/icons/btn-play.png>
  + Pause button: <http://hybridtv.ss7.tv/techtest/assets/icons/btn-pause.png>

**Submission rules**

1. You will have max two days to complete the code challenge.
2. Please have your code in a public repository either on GitHub or BitBucket.
3. Please provide a readme file to explain how to setup your application.
4. Once completed, please send your repo url for review.