

Screening Room

Frontend Engineering Challenge

Overview

Screening Room is experimenting with a UX to browse movies.



Task

Build an initial prototype of this UI, as a static web application.

The core of the UI is a giant background video that fills the window, which changes based on the user pressing the left and right arrow keys. There is a row of thumbnail images on the bottom of the window, indicating the currently selected video. An extended mockup is available in the video file [mockup.mov](#)

The application should work in Chrome, with target resolution of 1080p (responsiveness is not necessary, positioning can be absolute).

Guidelines

All necessary media assets are available in the “*assets*” folder. The file “*data.json*” may help map the file URLs into a Javascript-ready variable. Simply hard-coding the data into a JS variable is sufficient for the scope of this challenge.

It is not necessarily to replicate the exact animations and styles of the mockup video. What we’re primarily focused on is the switching of background videos, via arrow keys; the mechanism to indicate/animate the currently active thumbnail is supplementary.

Preferably, this app utilizes frontend framework like React, Vue, Angular, etc.

Bonus points if the interactions are smooth, with minimum lag.

Submitting

Email your submission to raj@screeningroom.com, as a zip file. Opening the index.html file in folder’s root directory should run the demo in a web browser.