

Code Challenge 2

Given a set of events, each with a start time and end time, render the events on a single day calendar (similar to Google Calendar).

You may see in the following link the Figma file so you can implement the design: <https://www.figma.com/file/wioRQ2y0ZtxajwmP2pxQxZ/Interview?node-id=0%3A1&viewport=712%2C938%2C0.9621621370315552>

Requirements:

1. Implement it using React. You can use the boilerplate you are comfortable with (Next.js, CRA,).
2. No events may visually overlap.
3. If two events collide in time, they MUST have the same width.
4. The event width should be the maximum value possible without breaking the previous event.
5. Each element is represent by an object with a start and a end attribute, such as `{start: 30, end: 90}` it represents an event starting at 8:30am and finishing at 9:30am.

What you need to build

Given the following input, implement the calendar layout by rendering each event box described on it.

```
[
  { start: 30, end: 150 },
  { start: 180, end: 240 },
  { start: 180, end: 240 },
  { start: 300, end: 360 },
  { start: 330, end: 390 },
  { start: 390, end: 420 }
]
```

Assumptions

1. Your solution should work with any input, not only the example above.
2. You may assume the input will be valid (always multiple of 30).
3. Your solution should work in all modern standards-compliant browsers.
4. Upload the code in a public github repository and reply the email with it and the time spent to code.
5. We understand that you don't have enough time. If you are comfortable with the implementation and miss few things because of time, don't worry. Describe in the README what is missing or changes that you would do in your code.
6. We expect quality insurance and standards (tests, eslint, ..)
7. Any bonus feature is appreciated