

REACT DEVELOPER TEST

Overview

We have a json dump (**eveyz-transactions.json**) containing financial deposits from several individuals made into our account (*this is hypothetical by the way*) – we will like to generate a heatmap which will give us a visual representation as to a pattern of how individuals subscribe and pay for our services by days of a year.

The heat map should look like the image below

Financial Transaction Heatmap



The “redder” it is the higher the failed transaction by accumulated value for that day and the “greener” it is the higher the successful transaction by accumulated value for that day.

Task

- Implement a component that can render a heatmap such as the image above when data is parsed
- The component should be complete such as to represent each day of the entire year
- Values for each day should be the sum of credits or debits for a given day of any year

Tools

- ReactJS ^16.x.x / Redux ^4.x.x
- Bonus if implemented in Typescript and testing is setup

Notes

- Design however you choose
- Make it as simple as possible - don't spend too long on this project
- For the heatmap component – use your Github profile chart for inspiration

Procedure

- Feel free to ask for any clarifications
- It will be nice to know your thoughts as well or how you intend to proceed

Submission

- Commit the codebase on your github/bitbucket account and share the link with us when done