Technical Challenge Discussion

To complete the assignment I decided to use NodeJS and Express on the Backend and React on the Frontend.

To implement the real-time communication between the Frontend and the Backend I used Socket.io a JavaScript library that enables real-time, bidirectional and event-based communications.

I think that for storing the data we have a lot of options, but I studied a little bit all the possibilities while doing the assignment and a good solution would be to use Realtime Databases like Firebase or KSQL.

We could also use Amazon S3 database in conjunction with Kinesis.

For the streaming of data an improvement would be to integrate Kafka or AWS Kinesis in our app so that we can achieve better performance when the number of data increases.

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