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Team Name:- United_Coders

Theme Name:- COVID-19 and Quarantine

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Idea Description:-

With the way the things have been going on, and the way how COVID-19 virus is affecting the world, it's necessary to know what's the condition of the world right now. This product is designed to inform people about how much this virus has taken control of the world in a detailed way. There are websites available which do this work, but they solely show the data in raw format. So, we took this project a step further and have shown all the real-time data in a user friendly format, and have visualized all that data in that way.

Potential Customers:-

The potential customers are the people of this whole world itself, i.e., in this time of world apocalypse, it's a complete necessity to have this knowledge. It will benefit them by providing them real time data, in such a way that is easily understandable and comparable.

Implementation:-

We will implement this product in a web-app format, We are using Flask Python Microframework. We will be using D3.js(Data Driven Documents), a JavaScript library, for the analysis of real-time data. Also, for the plotting of world map, we would be using topoJSON.js, a JavaScript library which is an extension of GeoJSON.js. We would be using Scalable Vector Graphics (SVG), for plotting graphs and maps.