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| | |
| ID | Functional requirements |
| FR15 | Make an API call to get a country list to show >make an API call to get the specific information cards. |
| FR16 | Show on cards the selected country information |
| FR17 | Show a progress bar based on the type of selection (cases, recovered, deaths) |
| FR18 | Change the color of the cards, progress bar based on the user selection. |
| FR19 | Plot a map where the information is going to |
| FR20 | Create circles and plot them inside the map |
| FR21 | Create pop-up inside the circles showing information |
| FR22 | Make an API call to get all the countries' COVID-19 component |
| FR23 | Get the vaccination history of all the countries and send it to the circles component |
| FR24 | Make a function that simulates a player, this function every 200ms, it will update all the values that the player has |
| FR25 | When the user pauses the player it should pause the simulation |
| FR26 | When the user stops the player it should stop the simulation and registries of COVID. |
| FR27 | Create a label option so when the user clicks that label. |
| FR28 | A table that shows all the information of the countries |
| FR29 | Create 2 inputs of countries and create a table to show the information |
| FR30 | make a chart that will display the received information |
| FR31 | Format the received data from the selection in a way that is understandable. |
| FR32 | create an input of type of cases and update the chart |
| TOTAL | |

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|-------|---|
| ID | Functional requirements |
| | Show the landing page main view section. I |
| FR7 | First view of our application. The user will b |
| | Create a view with information specifically c |
| | Map with information of Spain. Users will be |
| | text hovering each region. |
| FR8 | Show map by provinces of cases using gec |
| | Using the GeoJSON standard to load coord |
| FR9 | Let user choose one region (highlighting re |
| | Through different colors, the user will be ab |
| FR10 | Total Cases, Hospitalizations, UCI, and Del |
| | At the click event, the user will see a summ |
| FR11 | Show a map of restrictions and let the user |
| | For each region, load some restrictions est |
| FR12 | Mobile friendly interface (responsive) |
| | I'll use some framework to load my styles e |
| FR13 | Plot some information with chartJS. |
| | I'll use this free library to plot my data dyna |
| FR14 | |
| TOTAL | |

Darryl

Workload

| | |
|---|------|
| ow on the select input nation of the selected country and plot it on the | 0.25 |
| on, cases, recovered and deaths. | 1 |
| case selected and also the population and the (ths) | 1 |
| r and map circles depending on the type of cases | 1 |
| be plotted. | 0.5 |
|). | 0.5 |
| formation of the selected country | 0.25 |
| ses, and format this data so it can sent to the circles | 0.25 |
| tries and add it to the information that is going to | 0.25 |
| s function is in charge of changing the data every Circles and table need to work. | 1 |
| ause the player and maintain the same date. | 0.25 |
| p the player and update the date to the first date of | 0.25 |
| cs on it, it closes or shows the circles that belongs to | 0.25 |
| e countries and rank them from top to bottom. | 1 |
| ble with those countries information | 0.75 |
| nformation of those countries. | 1 |
| put, it has to be in a format that ChartJs | 0.25 |
| e the data displayed on the chart | 0.25 |
| | 10 |

Ismael

Workload

Enter the World, Spain or Covid information.

be able to choose what he wants to see first.

1

of Spain.

be able to see some data in graphs formats and plain

1.5

json.

translates to our map

0.5

region)

able to choose a region over another one.

1

functions. Click event will show preview data.

array of the most relevant data.

1

choose one region.

established by each government.

2

easier than creating my own rules.

1

technically depending on the user.

2

10