

PA3: API Prototype

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In this prototype, we use Node.js and HTML for technology stacks.

HTML:

We use a form method for collecting user input about the country they query. By clicking the submit button, users can check the information about COVID-19 in the certain country.

Node.js:

It provides asynchronous I/O primitives that prevent JavaScript code from blocking. By using the get and post method, we can easily fetch information from our selected API and return the information to the users. Data will be stored in JSON which will not lead to the need of mismatching and conversion of data. We also use ejs inside Node.js. Ejs helps us to create and embed HTML with both instructions for the users to use our website and displaying the selecting information back to users.