**Report**

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One of the technologies we have used to aid us in our project was PHP, which is a scripting language that enables client and service side communication. Our primary use of PHP was to access, create, modify and delete data from our database, which was linked to our project. The benefit of utilising PHP rather than other server side scripting languages is that it is very efficient and also one of the most popular languages, hence a lot of information on the web can be found, which can be used to fuel our knowledge of the language that ultimately leads to our code being more advanced. We also converted JSON into PHP object using JavaScript

Another technology we have utilised was MySQL. Here we created all of our tables with the intention of using them in our project. In it, we established our database which was directly connected to our website and stored all the data we have created in it. It was then accessed via PHP and displayed appropriately on the webpage.

A technology we decided to opt for our coding environment was “codepen.io”. This is a free software tool that displays all changes made to the HTML, CSS and JS codes instantaneously. This is an advantage over traditional methods such as writing code in notepad++, because you don’t have to refresh your webpage every time you made an alteration to your webpage, which is a slight improvement in convenience.

JavaScript was used by us to access functions. AJAX was used for on-click functions in our website. AJAX is a web development technique that creates synchronized web applications. On-click functions could only be handled in JS, hence we used it.

We also have used the Google Maps API and integrated it in our website application.

Code References:

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