

# Analysis of Alternatives: Browser

## Summary

This analysis will discuss the reasoning behind our decision in choosing a browser that will be used by all team members for developing our COVID dashboard. It will go through the criteria that were taken into consideration of this process. Each criteria will be compared between different offers to identify the most suitable solution or browser for the developing process.

## Terms of reference

Since it has been mentioned that our COVID dashboard will be a web based application, that's why now we need to nominate the most suitable browser base for developing and testing purposes. The most important factor to consider is the supporting resources of the browser for developing react applications. Secondly, we want to consider the popularity of the browser, that way our application will be guaranteed to perform as expected with the majority of users. Performance of browsers is also a factor that can directly affect the processes as applications run heavy algorithm functions. We've taken chrome and firefox into consideration as they are the most common browsers for developers.

## Body

LANGUAGES	Chrome	Firefox
Browser support	Chrome not only offers chrome developer tools for general web dev but also React developer tools with some specific features for react application.	Firefox offers similar developer tools for general web development
Popularity	In 2021, Chrome is the most popular browser in the market, it is used by more than 50% of user in the world	In 2021, firefox is used by approximately 10% of users.
Performance	Chrome is one of the fastest browsers on the market, however it has high RAM consumption.	Firefox is the fastest browser with medium RAM consumption.

## Recommendations

Based on the evaluations of Chrome and Firefox, we see that Firefox has an advantage in performance criteria, however chrome is more suitable for our first 2 priority criteria. We decided to use Chrome as the development browser for this web application project.