

Analysis of Alternatives: Hosting Server

Summary

This analysis will discuss the reasoning behind our decision in choosing an online server to host our Covid dashboard web application. It will go through the were taken into consideration of this process. Each criteria will be compared between different offers to identify the most suitable solution or server to host.

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 server for this purpose. The first and most important factor that we consider is the pricing . The second factor that we consider is extendability, which decides if our web app can be easily expanded or adapted to more growth in future. Lastly we will consider the convenience of the server which will directly affect the development process.

Github and Netlify will be taken into consideration as they are the one of the most popular and easy set up host servers for react apps.

Body

SERVER	Netlify	Github
Pricing	Netlify offer both free and premium version for future development	Github offer only 1 free option
Extendability	Netlify offers a premium version including many features for development, redeployment and testing.	Github doesn't come with features, therefore app will need to be moved somewhere else for future development
Convenience	Netlify can deploy apps from any brand of github or git lab. Since we will be working on gitlab, it is more convenience to deploy with netify	Github will only deploy if the code base is on github.

Recommendations

Based on evaluation of both servers, Netlify is chosen over Github due to its extensibility and its ease in deploying the app while working on Gitlab.