CSEP544 Project Proposal

Name:

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Title:

How Backend-as-a-servise providers affect web application design?

Description:

A trend in web application development in recent years is that people are favoring backend-as-a-service (BaaS) when they're doing light-weighted web development. These BaaS providers hide away the entirety of database management away from web developers. In my project, I would like to explore different BaaS providers and see what are the APIs they provide for client to access their data.

Systems to Use:

AWS Amplify, Back4Aoo, Backendless, etc. There're a lot of these and I'll explore as many as my time permits.

Data:

I will use my personal data on Anime shows that that I have been accumulting for the past few years. These data are unfortunately in Chinese, but the data themselves are not relevant for this project.

Report:

I want to know does using these BaaS providers change how web developers develop their applications compared to using a traditional database (e.g. MySQL), and are these changes in a good way or in a bad way. I will report my analysis on these differences from an application design perspective.