

# **INFSCI 2560 Personal Growth Report 4**

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In this assignment, I build dynamic pages using MEAN stack, which, in my opinion, is more convenient than implementing JavaBeans. For example, the good property of two-way binding in Angular JS enable us to use a few words instead of lines of codes to show the elements in database. Using mongodb, it is easy to retrieve information, and express provides the basic structure of website. In sum, we don't need to build the web from the sketch, all the CRUD operation can be included in the route, and simple HTML file is enough for the front-end design.

The MEAN stack is also very useful for big project, for my ecommerce project, it is easy to interact between different models in the database. The only different part in this assignment is the authentication part, which involve lots of logic design, and it gets complicate when the project is big, different types of users will get different content in the same page, however, using Angular to do this part is still easier than using the javascript.

As the semester approaches to the end, I get more and more familiar with web design, though I realize that there are lots of tools we didn't discussed in the lecture, this course is still a very useful course that introduce me to the basic of web design.