

Constraint Essay

The first constraint is security, one aspect of the application is that it will be able to track metainformation about the changes being made to the database, one such piece of metainformation is who made the changes to the database. To ensure that the metainformation produced is accurate accounts must be verified. There is also concern of someone logging on and gaining information on a database they shouldn't be able to see so it is important that the application has security measures in place to work as expected and ensure information isn't being leaked.

The original idea for the project came from my internship and something I gain from completing this project is the ability to further development with it going forward at my job. With this comes constraints because my company is a government contractor, so avoiding components like Ckeditor 5 that require you to share code made with it can not be used and I would prefer to avoid software that would require my company to purchase a license. With this environment also comes the constraint that this project to some extent impacts the opinions others have of me at my job and thus impacts my professional development. With that I'm not only operating under my own standards but also the standards of a large company.

Another constraint is economic, I mentioned that I don't want to use software in my application that would require my company to have to purchase a license if they choose to move forward with the application. Another aspect of this is that no one is funding this project except for me. My current plan does not require me to personally purchase anything for the development of the application but going forward with development I need to keep that goal in mind to ensure I don't run into situations where I'm forced to decide between purchasing something and creating large amounts of work for myself to avoid spending money.