

Since I have done this project on my own, I have done all the work for it. I would say I have spent 150-200 hours on the project. This project used my skills of web application development and data management. Through the project I have learned new ways to gather data from SQL server in a web application and enhanced my skills in web application development. One of the big things I learned was connecting a web application to SQL Server and the different ways to retrieve the data from either queries written in the Java code or by calling stored procedures in SQL Server itself from the Java code.

I had a lot of successes throughout this project such as designing the UI and creating the forms for adding or editing work items. One of the obstacles I had was implementing filtering. In my initial structure a user could only select one value to filter on and was not very robust and the stored procedure in SQL Server became messy. In order to address this I created the query in Java and then sent it to SQL Server to get the needed data. This structure then allowed for multiselect filtering after working through some speed enhancements (the way options were gathered). Overall I am very proud of my project but wish I could share more about it. Given it was done as part of my company I was limited on what I could and couldn't share.