Code & Conquer
Software Development Principles
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Reflection for Voluntrax

Andrew Tucker

I learned a lot about testing while implementing multiple UI tests for VolunTrax. I learned about the selenium framework and how it can automatically open and navigate a web application. In the creation of tests, I was met with different challenges on how to interact with the website through Selenium. Another challenge was then verifying that the output of different interactions was correct. Overall I learned a lot with this project and I feel more comfortable in creating tests for a functional web application.

Michael Fischer

I was interested to learn more about unit testing in a web app environment. I've done a lot of jUnit testing, so extending the concept to PHP has been educational. Once I was able to get that part working, I went ahead and created a script on the server called cactest (Code And Conquer Test) which runs each hour on the hour. It triggers both the Unit Testing code, and the Coverage test and reports the results to a web link. This way, as we make changes to the project, we have automatic testing that will confirm that the necessary business functions are still operating.

Angelina Truong

I have learned many more ways to use various testing methods and tools. In which, I was able to learn more about alpha testing with user stories, which I have worked with previously before but wasn't sure of the certain classifications. Though it is a little tedious and time consuming to do alpha testing, making sure each functionality of the user story requirements is crucial for those of those users and components to be working and usable as intended. While doing these tests, helped insure the user capabilities and for the deeper understanding of the connected components.