On The Fly! Conclusion Paper

With customers saved from long waits at restaurants and owners having more control over customer turnover rate the restaurant industry is safe to aspire for high profits. On The Fly! Was an idea that was inspired from my experience working in customer retail on the Marine Base in Quantico, VA. While the industry is different than dining the two still share a same fundamental principal; customer satisfaction. The company that I worked for has mandatory training in World Class Customer Service just to try to hold up for what the stand for; serving the marines and their families. Since the beginning of the 20th century the free market has shifted towards satisfying the consumer. Any edge possible to make the customer happy is taken if it does not expend too much of the rest of the company.

Raphael JS was the major online resource that I used to create my vision. I knew, that I wanted to design a GUI for the customer to interact with and I have had some experience working with JavaScript libraries and implementing them in projects. While it was not the library of my first choice (Bonsai proved too difficult to work with), I was still very satisfied with the results of my project when it came to what the library offered me. I found it weird that I had to create a dragging function for tables due to one not being provided in the Api but other than that the library came through for me.

While it may not be a new tool, PHP is one thing that I gained crucial experience in. When I was first exposed to the language, it was also the first time working with html and databases. While html was tedious but not too difficult to learn, databases and how they worked were very unclear to me. I struggled to insert, delete and even print the contents of a database. To add on top of that PHP’s syntax was a very confusing and unclear compared to html or java. This project definitely helped me understand both PHP and databases. I do feel like I am at the level where if I had to implement a solution for a business in PHP that I would understand enough of it to get it done in a reasonable amount of time.

The biggest challenge that I faced was trying to get the files on the capstone server. I still don’t know why the directory did not grant me permission to change anything but regardless I was able to figure out local host enough and android emulators to create the final android app even if it would only work on an emulator due to not having access to a remote server. Due to this inconvenience the android application’s design was a bit more simplistic than I originally intended and the application sends the website address to the browser application. The application is functional but I am hesitant to whether it was the right choice or whether I should have focused more on creating an immersive application for the customer.

In the end, the first thing that I would have done differently is I would have made sure I could access the server a lot sooner than when I attempted to. The inconvenience really hurt my end result in the android application and it is an important lesson in not assuming you are capability of programming before you actually start programming.