Patrick Juarez

Project Inception

July 5, 2020

As a new Cloud Application Developer (CAD) in the making, my name is Patrick Juarez with a very diverse background that doesn't include any CAD experience. With that being said, that doesn't mean I don't try to learn new things or find ways to make my decision-making processes easier for each day. It seems the more I accomplish some goals or dreams in my life, more continue to be added to the list. Coming into the Microsoft Software and Systems Academy I understand I won't be an expert but will have enough skills to get on my feet in a new type of working environment. My goal is to use this time to learn the basic and continue to learn as much as I can outside the program. The objective of this project is to develop some applications from the mantra that I live by that was said a man named Carl Barks "Work smarter, not harder." This objective isn't always easy to achieve, however, with that thought at the forefront of my mind the end results will likely show where the thought process is coming from each phase of the project. Let's look at some of the options that will soon enough be a the one going to the end.

First project. Buying a motorcycle is a tough decision potential rider and being safe out on the roads. As the Greek tragedians Euripides once said "There is safety in numbers" which motorcycles riders have the choice to join a motorcycle club and give back to the community as well as take rides with other motorcycle riders and become a part of an organization. The objective is to develop an application for motorcycle administration to keep records of past/present members, track finances, look for new qualified members, and market on the internet or mobile devices. Wild Apricot is an organization that does something similar and the

exception will be this is only for motorcycle clubs. They create a database for and make it easily accessible to the member. The reviews are positive for other business provide accurate data. This will assist with accomplishing my objectives of making it easier for motorcycle clubs so they can not be boggled down with administrative work and enjoy the ride. Looking towards the future of the organization and keeping record of the past.

Second project. The weather is something that is part of our decisions every day and can have a positive/negative effect of that day or event. It's not fun when you are in the middle of a barbecue and it starts to rain. Now you have to bring all the food inside so you still have something to eat, just for the rain to stop once you are done. You checked the weather and listened to the new for an updated weather update and it was still wrong. If you look at a website called National Weather Service, it has a database that takes makes predictions from to help make a more precise weather call for each moment of the day. This will not only help with your daily planning, but makes its easier to analyze the weather with minimum error. The objective of this project is to develop a system that will provide the user the ability to determine where the weather is going to be bad and what time of day it will be for your immediate area and provide a warning message of how long you have until your area will be affected. The user will be able to set the parameters on where they want to be tracked, making life more enjoyable and better planned.

Third project. Do you remember browsing the aisle at the movie store trying to find a movie to rent/buy? Think about how much time you spent looking at every title or section to make sure you get your monies worth. With technologies increasing the stores have gone away and now there is a digital library for you to spend the same amount of time browsing for that perfect movie. Take Netflix for example, this program can be viewed through as a website or on

an application on your mobile device and has a list of movies for you to watch at a click of a button. It is broken down into categories and changes its selection over certain periods to keep the entertainment going. The only thing that hasn't changed is the amount of time it takes for you to make the selection. The objectives of this project are to make the selection process faster an eliminate the time spent looking for the right movie by asking you a few questions upfront so the database generates a list of options based on the answers. It will also adapt to the choices you have made to analyze them and improve each time you go through the selection process.

In conclusion, we develop better ways of living every day without even thinking about it or using algorithms or making flowcharts. As mentioned above there is three great software's that produce end user results and are great examples to choose from for a future project to complete during this course. With a combination of skills being brought and the learning curriculum the project will be as expected to meet all the goals mentioned above.

References

National Weather Service. (n.d.). Retrieved from National Oceanic and Atomshperic Administration: weather.gov

Netflix. (n.d.). Retrieved from Netflix: netflix.com

Personify . (n.d.). Retrieved from Wild Apricot: wildapricot.com