**Name: Jimmy Palma**

1. **Project Anti Money Laundry Management (BOA)**

S/T: I was working at Corporacion Favorita, in the Anti Money Laundry Management system. I was required to implement a system that enables bank tellers to report any cash transactions that more than 10,000 dollars per day. Since the system is separate from the core banking system, just recording a single transaction takes time off the teller and sometimes they fail to report.

A: I proposed to develop a script using C# that extracts the data from the core database (which oracle ) and filter data accordingly and inserts it into the Anti Money Laundry database during nonworking hours.

R: This enables bank tellers to focus on the core banking system and perform their jobs more effectively. And the bank also saves money as they have no fines to pay because of unreported transactions.

**2 Project :(Early Autism Spectrum Disorder Screening with Sensing Technologies & Machine learning for Toddlers)**

S/T: In my academic thesis, I implemented gaze-tracking technology using OpenCV and deep learning. When doing the project, my professor suggested a new requirement that is to add the sound classification to the system.

A/R: It was a challenge for me because I was not familiar with technology and libraries used to implement sound classification and had very limited time to complete the system. I was in a situation where I had to master new technology and finish the project in a given time frame. So I taught myself the new technology and not only was I able to complete my project on time but also I received an award from my university for the most innovative project and also I became a finalist in the Bayer Digital Campus Challenge in Germany with this project.

**3. Project :( US Embassy Visa Application Fee Collection system)**

**S/T**: Corporacion Favorita was about to lose a bigger customer due to a legacy MRV Fee payment system that was not working properly. It was difficult to use this system to consolidate a list of visa applicants from 168 branches and send a list to the head office. And sometimes the bank failed to send the list on time, and our customer was not happy with it.

**Action**: I suggest reengineering the existing system to a new web-based system using Spring and hibernate since it is easier to implement validation and quickly move it into live production.

**Result**: after the deployment of a new web-based system More than 300 branches were able to use the system effectively and efficiently and our department got appreciation from our VP.

**4. Project (Inmate record management system )**

**S/T:** I was working on a web-based system on java language. since most of the team members are familiar with PHP and Codegnitor PHP Framework, they want to change the programming language to PHP and use the Codeignitor PHP Framework to help us finish the project fast.

**A/R:** It was a challenge for me because I was not familiar with that framework and I don’t have experience in PHP language. I was in a situation where I have to lean the new technology (Codegnitor ) on time and be able to finish my part of the project. So I thought my self the technology fast was able to complete my part on time was proud of myself for learning new technology fast and for being able to finish my part.

**5. Project (purchase status follow-up system )**

**S/T:** I was working on one of the purchase status follow-up system and was also of lead project. I was responsible to manage and report to the manager about the status of the project. One group member was not able to work with the team accordingly. He couldn’t finish the tasks on time and was not able to help his teammates.

**A:**I have noticed the problem and decided to discuss it with him in private. He told me that he couldn’t coup up because the technology was new for him. Since I know his issue is a lack of experience I started trying to help him in getting to know the technology by working with him during the spare times I have.

**R**: He was grateful, and he was also a fast learner all he needed was a little care and guidance. So finally he was able to coup up and we were able to finish the project on time. I have learned that the journey of finishing a project or working on a task is smoother and nicer when team members respect and care for each other.

6.

S/T: Clients change their requirements most of the time. I have come across this situation several times. If the requested change is not a big change I will try to include the changes they have requested because clients are the once who will use the system and I have to make sure it reflects their work.

A: Once a client asks me big requirements change this happens because the clients forget to give us full information about their task .when I understood that it is a major task I decided to discuss with the managers and the clients. Even though the users make mistake I make sure that there is no conflict or between us. I clearly explained the difference between what they have said before and what they are changing now.

R: The result was astonishing for me, Clients understood they have to carefully analyze what they want before they gave us requirements. I am glad I have a discussion with them and not accused of any client for making mistakes. Because after this issue was resolved the clients gave us more respect which helps us for the success of the project.