OPIM 5272

Data Management and Business Process Modeling

****

**Final Team Reflection Report**

**Team 13:**

Abhinav Dubey

Bhavya Bansal

Mayank Patidar

Priyanka Patel

University of Connecticut

MS in Business Analytics and Project Management

* **What was your favorite part of the project?**

In this subject OPIM-5272 the best part was the group project, we started working with a problem statement of a B2B company and tried to resolve the issue in the return shipment process for the company. While working on the project we recommended some business ideas with the help of SQL queries, this was something interesting that we had never done before. Using case statements, joins, and conditional statements to come to a specific conclusion was something that we never thought of as a business solution. Using the logic that we have learned from class and applying that to real-world business problems was one of the best things that we enjoyed in the project.

We had worked on flow charts before, but converting them to Swimlane and creating the flow of process was another part of the project that was interesting. Just by using these swimlane diagrams we were able to sort out the difference in the process before and what we have suggested. Overall, working as a team on SQL queries and Swimlane and converting that knowledge into real-world applications was the favorite part for us in this project.

* **What did you learn most about the project?**

While working on this project we learned even a single additional table can modify the whole process. The drawback with the current process flow of the company was the interconnection between order and return on the item level. To overcome this, we added a new table order line and created a relation between order and return. The relationship was built on line id level so that every returned item can be traced with the return line id of that returned item. Additionally, we learned about the entity relationship diagram for our process flow, and learned how to code the tables in SQL. The business flow concepts that we learned from the project makes it easy to understand the start to end linkage of each step that is followed in a market centric B2B company.

* **What would you have done differently about your project now that it is all over? If anything.**

This project definitely gave us an opportunity to implement the knowledge that we gained through this subject. However, we feel that, if we would have used a lesser number of the tables than we did, it would have enabled us to focus more and make the project more detailed. As initially we added some additional features to the ERD and we had to edit that part because it was getting much more complicated than expected. So keeping in mind the complexity of the process of having less number of tables but making it more beneficial for the company is the only thing that we could have done differently.

* **Looking back, what suggestion would you give to improve the learning process via this project? Or is there anything you think should be incorporated as an additional step to this project? Or any other suggestion(s).**

In order to improve the learning process, we feel that, if all the teams would have got a common problem statement, then it would have enabled us to know different perspectives for the same issue, different approaches that can be taken to resolve the same. Like in some of the subjects all the teams had a predefined business problem and dataset, so once the project submission is done we can actually review what else we could have done to make the project more effective.