BTech 451 2015

Semester 1 Log

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Week 1 - 2nd March 2015

I attempted to try and source a project relative to my interests and field of study. Furthermore I reviewed all the potential projects provided by the course coordinator Mano. As a result of my reviewing process I continued to try and source a project externally.

Week 2 - 9th March 2015

During the course of this week I was able to get in-touch with the IT Lead at Coca-Cola Amatil (CCA) – Darren Ruston. We therefore then organised a meeting whereby we also set a meeting with the Project supervisor at CCA. As the meeting was scheduled for Week 3, I had to wait and simultaneously attempt to source alternative projects which could potentially serve as a backup in-case the project with CCA did not go ahead.

Week 3 - 16th March 2015

I had my meeting with the Coca-Cola Amatil (CCA) NZ IT Team in regards to possible projects and discussed suitability in regards to the CHEP and several other projects. Emailed Mano in regards to the CHEP project and received clearance to proceed with Coca Cola Amatil's CHEP pallet management project.

Week 4 - 23rd March 2015

I confirmed this week with CCA that I accepted their proposed project, I was then required to perform the introduction and induction at CCA. I spent several days at the Mt. Wellington CCA Distribution Centre to understand the current business problem and technical issues surrounding the business problem. I also ensured that I came up with a draft proposed solution to the issue.

Week 5 - 30th March 2015

Had a meeting with my BTech supervisor – Giovanni. We discussed the project in-depth and we also analysed the proposed solution I came up with. I was instructed to come up with a project overview which would clarify a few of the issues Giovanni initially raised with me. I scheduled to finish my project overview document by the next meeting.

Mid-Semester Break – 3rd April – 18th April 2015

During this mid-semester break I was unable to spend much time on my project as I had several other University assignments due on the day back from the break. I spent the majority of my mid-semester break on them. I also educated myself with the SAP ABAP language as this was heavily required for the first phase of my project. I had aimed to dedicate more time to my project upon my return from the mid-semester break.

Week 6 - 20th April 2015

I met Giovanni for a brief meeting to discuss my project overview. He assured me that I was on the right-track. The BTech introductory seminar was this week and I believe it went well for me. I provided an overview of my proposed solution and what I needed to do next within my project. I was also working on the required work that needed to be completed within

the CCA SAP environment which meant that I would be able to show my fellow students my progress in the mid-year seminar. I also went back into the Mt. Wellington CCA Distribution centre to ask the employees more questions in regards to their current business processes as I was slightly unsure about the manner in which pallets are assigned to companies. I had also scheduled a meeting with CHEP to discuss options of data transfer from CCA to CHEP.

Week 7 - 27th April 2015

Unfortunately this week I was unable to spend much time during to work on my project as I was unable to go into the CCA office to work on my project. I will be getting a CCA work laptop this week which means I will be able to work on the SAP environment off-site. I will use a VPN to connect to CCA's network and work on my project. I worked over the weekend to finish the majority of my SAP development work. Additionally, I was able to meet with CHEP and was advised to develop a solution which utilized their EDI solution.

Week 8 - 4th May 2015

This week I had a meeting with my Industry mentor and CCA Distribution centre employees. I gave them an update regarding my progress of my project. This therefore entailed showing them the tables and table joins I created within CCA's SAP environment. I demonstrated the extraction query that I had created and I was told I was not pulling all the correct information. The next task I had scheduled to complete were the changes as suggested by the CCA employees.

Week 9 - 11th May 2015

I changed the information which was pulled from the CCA SAP database as per CCA's request. The updated extraction report layout and shipment headers were also almost complete. I aimed to complete the remaining tasks within the CCA SAP environment by week 10 and I was on schedule to be able to do so.

Week 10 - 18th May 2015

I completed the SQVI extraction report and SAP Table Joins as per the set requirements from SAP. I had to make sure that the data I pulled from SAP would fulfil CHEPS shipment data requirements. My industry mentor advised me that he was going to on annual leave in two weeks and suggested I meet him on the first week back to University to show him my progress.

Week 11 - 25th May 2015

During this week of the semester I began brainstorming ideas on how to design my Python application that would act as the intermediary system to allow the automation of the data transfer. In this scenario the data transfer is the shipment information which needed to be parsed from CCA's SAP system to CHEP's SAP system and which is then subsequently inserted into Portfolio Plus.

Week 12 – 1st June 2015

Unfortunately this week I was unable to spend much time on my project as I was busy completing my mid-year report for BTech 451. Furthermore, I spent a significant amount of time since the last week in completing my mid-year report.