Supervisor Meeting Minutes 5

Date: 13th March 2018

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| Present: | Prof Kam, Russell, Weilun, Jing Ying |
| Venue: | SMU SIS MR 4.3 |

## Agenda

* Update Prof Kam about our progress on ABC analysis and warehouse inventory balance
* Go through dashboard prototype and get feedback

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| Time | Details | Person In Charge | Status |
| 14:00 | Russell shared about the ABC analysis which we plan to do and that our sponsor requested to be able to choose the ABC parameters. Our team have tried to link up the inbound report and the outbound report. However, we encountered issues where the outbound quantity of a product is larger than the inbound quantity. Prof told us that we have to find out how many transactions and products have negative inventory and try to find out reasons for it. |  |  |
| 14:05 | Ben shared that we have over 200 products with negative inventory at the end of the year and there are some products where the last inbound/outbound was in 2015 etc. We also clarified about the conference deliverables. Prof said that if the final dashboard is the most sellable one, it is perfectly correct for you to showcase that. If the data preparation is not that interesting, do not bore people with that. Instead, highlight to people the dashboard instead. Data preparation can be a touch and go.  Also, we informed Prof Kam that we have decided to not go with Tableau because of the lack of license and it is not very flexible. Instead, we will be using dc.js because it is easier than d3.js. However, Prof Kam told us to note that it looks easier but it may have a lack of flexibility. Therefore, we should look more into it before finalising what we want to use. |  |  |
| 14:10 | Ben told Prof Kam that the Python codes will be hosted on Django and will be linked up to Postgres and exposed as API. Prof Kam asked whether our sponsor is alright with this because they might have maintenance issues. He also asked about the logic used for ABC analysis which Ben explained that we are using cumulative frequency to determine it based on the A, B and C percentages.  We will be meeting our sponsor again to find out which area will be segmented for A, B and C products. |  |  |
| 14:15 | We showed Prof Kam our dashboard prototype/idea.  Prof Kam said never to use donut or pie charts. Also, he gave feedback that our heatmap could possibly use a bullet chart to showcase. We should also fix the time range which people usually use 12 or 13 months so that we can compare this month with last year’s this month.  Moving on, we should get the first cut of the dashboard and show Prof Kam first before we show our sponsor to cross check.  Lastly, sponsors can come in at any time and any session which they want for the conference. |  |  |

Upcoming To-Dos:

1. Meeting with sponsor

2. First cut of dashboard