

Attendees	Professor Kam, Esther, Ziteng, Desmond, Cheryl Yong, Lam YouKang
Date	2017/08/30
Location	SIS Meeting Room 4-6
Meeting Agenda	Reviewing Slides Presentation for J&J meeting on 30/08/2017
Notes	<ul style="list-style-type: none"> - Need to state that whether doing baby oil or Listerine in wiki page when presenting <ul style="list-style-type: none"> o Should have team member photo but close up. o Indicate your project manager on slide. Each team should have project manager/point of contact. o When have minutes circulate around, also will be through point of contact - Come up with own project motivation instead of getting it from the project outline. <ul style="list-style-type: none"> o For example, real world application of business case. But with different team mate from different background, i.e. supply chain and IS, so can count on each other's strengths. o Second motivation, after coming together and looking at data, although looks simple but the data is all over the place and isn't easy to understand. How to match data flow with process flow. This isn't something we have witnessed in the classroom. So it's really complex. o For IS, know database creation. But this is not creating a database for storing data/warehouse. This is a sandbox, more for analysis. - Objectives & Goals: <ul style="list-style-type: none"> o Main objective: we want to understand and map the operational supply chain process with the data, in terms of various costs. This is so that we get end-to-end process. With that set up, apply data discovery method to understand the distribution, pattern of this cost factor. The third part, will be building reporting system so that they will be able to report their analysis. - Document out the data received. <ul style="list-style-type: none"> o List out all the data file received. Also state the variables in the data file. If have any issue with the data file, we should list question. - Method of Analysis as well as Scope of Work <ul style="list-style-type: none"> o Analysis is fine..whether regression etc o Scope of work: Should match with project milestone/management. They are related i.e. the Gantt Chart. The scope of work should not be confused with tools used. Separate section on tools used. Eg. Are you using all with JMP? Separate. Scope of work is data gathering etc.. <ul style="list-style-type: none"> ▪ Today is first milestone, project discussion and discussion. By incorporating feedback today, finalise the project

proposal.

- Another milestone after finalise proposal, is data cleaning and wrangling, which is a milestone (2 weeks). Recommended is 3 weeks so that we can have time to communicate (Week 4) – **Due 22nd September 2017**
- After data cleansing and wrangling, the next milestone milestone is data exploration (i.e.2 weeks). **Due 13th October 2017**
- And the last milestone is application development before presenting to them and will have to include walking them through. (3 weeks) **Due 3rd November 2017.**

- For milestone, will have to include the actual dates and not week. Decide on which day will actual milestone be. Include what we will be reporting to them on that day and which days will it be.

Feedback to Johnson & Johnson

- Data is highly aggregated. Thailand may produce 80 batch but Philippines may produce 60 batch which is significantly different. We want to know the variation in cost. So we need the details. We want to clarify whether their production is by SKU, how they qualify this batch. If they give us one year or one month of data, does it belong to the same batch? This particular SKU is actually produced by which plant and what are the material costs. Also include the date when they start manufacturing. Even a month of data, can see they have 100 skus or 100 batches, what's the cost of labeling in this batch and what's the total output.
- Check whether stick with 2017.
- Want to know the freight cost for each batch. What's the tax cost for each batch?
- E.g. for sticker or labels, for batch from Indonesia or Thailand.
- Simulation model instead of regression model. Because in regression model, each point will have elasticity model.
- For a particular batch/production, half is for the normal selling while another half from production is for promotional products. So it's not reflected in the data provided.