Sponsor Meeting #2

Date	1 September 2016, Thursday
Time	10:00am - 11:00am
Venue	SMU Alumni Lounge
Attendees	HoiPOS (Sponsor) Calixto Tay
	Analytics Cafe Team Members Chen Shiqi Tan Wei Lin Joanna
Absentees	N/A

Agenda

1. Clarify questions regarding dataset
2. Obtain dataset - in csv format

Discussion

S/N	Discussion

1	**Clarify questions regarding dataset**
	● Data hierarchy of Items is as follows:
	   a. category Table
	     ■ Use id as primary key
	     ■ Sub-categories are created through referencing "main_category_id"
	     ■ E.g **Pasta** category ⇒ ID: 31, main_category_id: *null*;
	      Seafood category ⇒ ID: 345, main_category_id: 31;

b. item Table
  ■ Use PLU as primary key
  ■ Id variable may differ from different outlets, but PLU remains the same
c. The link from item table to category table can be found from the **category_item** table
  ■ PKs: category_id, item_id
- Explanation of data regarding **Items**
  a. category <-- (1) -- items <-- (2) -- modifier_group <-- (3) -- items
  b. E.g Mains <---- Fish & Chips <---- Sides <---- Fries
  c. Link between tables can be found at:
    ■ (1) category_item table
    ■ (2) item_modifier_group table
    ■ (3) modifier_group_item table
  d. Modifier_group - multiple uses for each modifier_group. E.g "sides" group can be used for different mains like "pasta" or "fish & chips"
  e. Items table consists of 2 different types of items
    1. Items linked to category e.g fish & chips, carbonara, coffee
    2. Items linked to modifier_group e.g large, regular, fries, coleslaw
- Explanation of data regarding **Orders**
  a. Order
    ↳ **Order payment table**
      ● To remind sponsor to send us reference table for payment mode
    ↳ **Order_item_parent table** (aka main item, describes the list of items ordered) E.g CASE 1: Combo 1 OR CASE 2: Fish & Chips (ala carte)
      ↳ **Order_item_parent_option** (describes modifier OR item) E.g CASE 1: Fish & Chips OR CASE 2: coleslaw
        ↳ **Items**
- Look at "total" variable for measuring sales/revenue from **order table**
- Look at "created_timestamp" and "ticked_timestamp" from **order_parent_item table** for measuring duration to prepare each item

| 2 | **Obtain dataset - in csv format**
 ● Sponsor to send us dataset by today or tomorrow. |

Action Items

Task	In-charge	Due Date

Email Sponsor to send us dataset	Shiqi	2 Sept 2016
Remind Sponsor to send us calculation for net sales and gross sales	Joanna	2 Sept 2016
Explore data tables	Shiqi	4 Sept 2016
Clean data	Joanna	4 Sept 2016

Prepared by,

Shiqi Chen

Vetted by,

Joanna Tan