

Third Year
Data Warehouse Term Project
2023

Phase 1: Proposal and Dimensional Model

In the first phase of the project, search for any database and study carefully its schema. Then you have to design a dimensional model (star/snowflake schema) from the database you choose.

Define the dimensions, fact tables, and measures you will include in your schema.

Minimum number of dimensions is 6 and minimum number of fact tables is 3.

(I don't care about the number of measures per fact table)

Phase Deliverables:

1. Cover page containing TA name and students' names and IDs.
2. Source ERD (interested tables from which you will build your model).
3. Dimensional model.
 - a. Define the business process(es) that you will model.
 - b. Declare the grain of each fact table (Simply, describe what a fact table record represents).
 - c. Define the dimensions.
 - d. Define the measures that will appear in the fact tables.
 - e. Add a diagram of your model.

Where to submit?

1. Name your document as follows:
Phase1_TA_Name_List of IDs separated by _
Ex: Phase1_Ahmed_Galal_20200011_20200022_20200033.docx
2. Upload your document (in **docx** format) to this Google Form:
<https://forms.gle/jgmyGpjyDoXEJ6QR6>

Please note that the form will be closed on next **Friday April 7th at 11:59 PM**
and the team should consist of **3 to 5 students**.

Wishing you all the best ♥

Ahmed Galal