**Advanced Database Systems Final Assignment**

**Master / Graduate Program**

**Review Questions**

With the rapid development of business, information that has analytical capabilities is needed. Imagine how a retail company (supermarket/hypermarket) works with thousands or even millions of items. How much capital do they have to spend if they have to buy to stock all these items. Maybe some of you know that not all goods in retail companies are purchased by themselves, many of which are consignment.

Apart from all that, you as a Master Candidate, are asked to use your knowledge and your analytical power to advise top executives of the company about the DWH architecture and the form of Data marts and Metadata to support the required analytic information.

**So your task is;**

* Choose only one and explain the Business Process **(Such as the sales side of the customer)** and Explain the Background and Problem Issued why you choose that business process.
* Draw the Architecture of your proposed Data Ware House (DWH).
* Create Metadata for Dimension Tables and Fact Tables **(You Can Got the Data From Internet, Your Previous Project, or Build Dummy Data for it)**.
* Draw the Entity Relationship Diagram (ERD) of your Proposed Data Ware House (DWH) and Explain it.
* Draw the Star Schematic and Explain it.

**--- Good Luck ---**