

STUDENT**Ross Meek****GRADE 54%****Task 1**

OLTP v. DW DW is not good at handling fast transaction processing. Good use of examples. It's a bit confusing about whether the DW will be one database or several.	10	6
DW Architecture The OLTP vs. DW diagram doesn't make sense here. It would be better to use a diagram that shows source systems, ETL process, DW, data marts and BI apps and describe the data flow from source system to BI app. It would also be better to create diagrams relating to the case study rather than using unrelated diagrams.	20	12
Data Marts Security advantages? The diagram doesn't really explain how data marts work; they take a subset of the data in the main data warehouse and make it visible to the user. The basic ideas are here but their presentation is a bit confused.	10	6
Normalised v. Dimensional Don't just take sections of diagrams; each diagram should be complete in itself. Make sure that the text on any diagrams you use can be read easily (black on purple is not readable). The basics are here, but the explanation is again a bit confusing.	10	5
TOTAL	50	29

Task 2

Source Systems The source systems should be listed as databases or external systems, not tables. What about requests for records? This is an external source of data.	5	2
Star Schema Facts MUST include an attribute that can be totalled, such as a cost (ask yourself "Can I aggregate this table?"). Three of your fact tables do not have this. Royalties and Adverts are fine. You need a time dimension to handle the 'time played' attributes of the facts. Master data, metadata and aggregate data tables are sensible given the main stars' designs.	25	12
Data Marts A data mart tends to be a single star of the schema, not just a fact table. You show that each manager sees different stars.	10	5
ETL The ETL plan should include the dimension tables as well as the fact tables. The fact tables are appropriately detailed.	10	6
TOTAL	50	25

General Comments

A front page, table of contents and table of figures should be included. All diagrams should be numbered and have suitable captions. Remember to spellcheck and grammar check your documents.

