## Analysis of Operational Systems and Data Sources (20 marks)

What operational system they have in place?

What data is stored?

What are the tables?

How are they connected?

What are the advantages and disadvantages of the current system?

Design an ER diagram from the Marketing department. UML notation!

Include the Determinacy diagram

Design the DFD diagram (extra points!)

Data store (DFD) is an entity on the ER and tables on the database schema

Advantage and disadvantage of having a data warehouse (Slide week 4)