Assignment 4&5: The Database Project 50% of total marks for course

# Requirements

Marks will be allocated on the following criteria:

# Analysis (10)

Description of the business and of the interview between yourself and your client.

Description of the client’s requirements

# Design (35)

Entity Relationship Diagram

Tables: (From your ER Diagram and Business Rules)

Tables will have been designed for all entities in your fully normalized ERD. Tables will have primary and, where needed, foreign keys defined. There will appropriate validation, input masks and indications of whether fields are required and/or indexed.

Relationships between tables will have been implemented as in the ERD and referential integrity and cascading will have been set up where needed according to the design plan.

# Implementation (25)

Trial data: (from the INSERT statements)

Number of records

Approximately:

16 customers, 4 employees, 20 products, 8 customer orders, 5 supplier orders.

Customer orders will each contain several items and varying quantities of each item, similarly for supplier orders.

Queries

There will be at least 12 queries and marks will be awarded according to their **variety, relevance and complexity**. I am trying to assess your ability to use advanced SQL, so each query should use different SQL features, such as multi-table queries, logical operators, wild cards, SQL functions, grouping

# Total: 70 marks

Patrick