Coursework Marking Grid –Level 5 Database and Application Development (DB) –

Name_____Julian Milligan_____Mark _____60___Grade____

QUESTION	EXCEPTIONAL 6	MERITORIOUS 5	HIGHLY COMPETENT 4	COMPETENT 3	MARGINAL FAIL 2	FAIL 1
Discussion on Performance tuning. (10%)	Provides detailed discussion extensive range of sources	Relevant and credible literature references good understanding demonstrated	Explains the main good points in terms with few inaccuracy's	Identifies main points with some suitable referencing	Identifies one or two obvious facts not enough referencing or debate	Provides no ideas relating to the topic little evidence of reading
Suitable SQL design methods must be employed and demonstrated(25%)	Provides detailed knowledge of database design presentation	Identifies main requirements and provides a good overall design	Justifies the main problems evidence of systems analysis	Identifies some of the correct requirements	Identifies few of the correct requirements	Provides no evidence of design knowledge
Ability to analyse the case study problem and produce database schema (20%)	Provides detailed breakdown schema design and indexes required	Demonstrates good understanding and provides a good schema design	Justifies the main schema design requirements and performance tuning	Some suitable entities identified and presented	Suggestions of the entity requirements are limited	Poor overall design
provide appropriate, practical solutions for: Secondary Indexes Transaction (40%)	Demonstrates outstanding application of design techniques and ability to code and test	Advance knowledge of database design and SQL coding and testing	Good application of the methods and techniques required	Ability to use appropriate techniques for the design and build of the solution	Some suitable aspect of design and build have been employed but no evidence of testing	Limited use of methods and techniques
Document presentation and referencing (5%)	Reads exceptionally well a coherent document	good use of English; tables of figures and tables>4 references are book/journal standard	Clear sectioning of content; labelling of tables and figures; reasonable English	Some labelling of tables and figures; clearly needs spell- and grammar-checking<5 references	Basic use of introduction, body and conclusion; English is comprehensible <5 references	No clear structure; incomprehensible No references

Comments

You have designed a suitable schema but to fully address the requirements you need to consider the staff within the gyms and some consideration of the facilities and how customers / staff link to the facilities.
That said you demonstrate a sound understanding of the SQL development environment and you have built and tested all your table correctly. You have demonstrated by example the use of indexing and transaction management. Perhaps more narrative on distributed databases and some theoretical examples would help with your considerations.

		Performance tuning 10%		Design and Trans 25%		overall analysis 20%		Practical SQL 40%		DOC pres 5%		Total
JULIAN	MILLIGAN	4	6.67	4	16.67	3	10.00	3.5	23.33	4	3.33	60.00