

XIAMEN UNIVERSITY MALAYSIA



Course Code : SOF202
Course Name : Database
Lecturer : Dr. Subashini A/P Ganapathy
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Assessment Title : Lab Report
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Date Received : _____

Feedback from Lecturer:	
	Mark:

Own Work Declaration

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Signature:

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Date: 10 December 2025

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Task 1 Requirement Analysis

1.1 Problem Statement

The university sports complex currently relies on outdated methods such as manual registration and spreadsheets to manage equipment, facilities, coaches, and bookings. This has led to issues including double bookings, missing records, and difficulties in tracking equipment maintenance(Frank, Buhmann, & Basin, 2013).

References

- Frank, M., Buhmann, J. M., & Basin, D. (2013). *Role mining with probabilistic models*.
Retrieved from <https://arxiv.org/abs/1212.4775>

APPENDIX 1

MARKING RUBRICS

Component Title	Lab Report (Grouping)					Percentage (%)	24%
Criteria	Score and Descriptors					Weight	Marks
	Excellent (9.0 – 10.0)	Good (7.0 – 8.5)	Average (5.0 – 6.5)	Need Improvement (3.0 – 4.5)	Poor (0 – 2.5)		
Task 1: Database Integrity (20 Marks)	All CREATE TABLE commands are accurate; all integrity constraints correctly applied. Screenshots complete, clear, and well-organized. Explanations are thorough and show strong understanding.	Most tables and constraints are correctly implemented; minor errors. Screenshots provided and generally clear. Explanations show good understanding but lack depth.	Some tables correctly created; constraints may be incomplete or partially wrong. Screenshots provided. Explanations are basic.	Many constraints incorrect or missing. Screenshots unclear or incomplete. Explanations lack clarity and accuracy.	Incomplete or inaccurate SQL statements. Little or no screenshots. Weak or missing explanations.	20	
Task 2: SQL Implementation (30 Marks)	<ul style="list-style-type: none"> •All remaining CREATE TABLE commands are fully correct and clearly shown with screenshots. •All tables populated with 6–10 valid rows each. •All SQL categories include 3 correct queries each, 	<ul style="list-style-type: none"> •CREATE TABLE commands mostly correct with minor errors. •Tables filled properly with 6–10 rows each. •Most SQL categories include 3 correct queries (some minor mistakes allowed). 	<ul style="list-style-type: none"> •Some CREATE TABLE commands incomplete or inaccurate. •Tables partially populated (some missing rows or incorrect data). •SQL categories include fewer than 3 correct queries or have notable 	<ul style="list-style-type: none"> •CREATE TABLE commands contain multiple mistakes or missing screenshots. •Many tables not properly populated. •Several SQL categories missing or 	<ul style="list-style-type: none"> •Missing or incorrect CREATE TABLE commands. •Very little or no data inserted. SQL queries missing, incorrect, or not executed. •Screenshots mostly missing. 	30	

