



PES UNIVERSITY

(Established under Karnataka Act No. 16 of 2013)
100 Feet Ring Road, BSK III Stage, Bengaluru-560 085
Department of Computer Science and Engineering
Session : Aug - Dec, 2021
SEMESTER - 5

DBMS Assignment - 1 (12 marks)

S. No.	Task	Task Detail	Deliverable	Marks
1	Form team and identify Project title			
2	Problem statement	Write a detailed problem statement, indicating all the relevant constraints.		2
3	Conceptual model of the database design	ER diagram covering all the necessary constraints.	<ul style="list-style-type: none">ER diagram drawn with paper/pen. Show the incremental stages where refinements are applied to capture the details/constraints. (Diagrams should be readable and clear)Concepts and varieties covered in theory have to be applied to the example considered.	8
4	ER tool usage (MS Word or any text editor should not be used.)	ER diagram drawn with any tool of your choice. Samples - EDRAW, Lucid chart, dia	<ul style="list-style-type: none">Write about the tool you have chosen - in 4 to 5 sentences.Transfer your final ER diagram to soft copy using the tool.	2
Deliverable to be submitted:				
5	Report/Writeup	<ul style="list-style-type: none">Problem statement(Description about Project, Problem statement and objective, Requirements/assumptions/constraints of miniworld)All the stages of ER diagram (hand-drawn) - snapshotsER tool used - brief write up about the tool. Indicating why you chose this tool, is it open-source etc.Reference links and installation steps for the tool - as applicable.Final ER diagram - tool generated		