



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

Assignment – 2 (10 marks)

(Submission Timeline: 01/10/2021, Actual date will be confirmed by respective class teachers.)

S. No.	Task	Task Detail	Deliverable	Marks
1	Mapping conceptual model to Relational/ No SQL data model.	DBMS chosen: (Relational or No-SQL or combination of both) Relating to the characteristics of these models.	<ul style="list-style-type: none">List of reasons/constraints to justify the choice of DBMS.Specific implementation to be used - (for example if RDBMS is the choice of data model, then POstgresql is the implementation chosen.)Install the DBMS you have chosen.	2
2	Implementation of the database and populating the database with suitable values.	Script files should be written as applicable to the test case.	<ul style="list-style-type: none">create statements in a .sql fileInsert statements in a .sql file	8

Note: Ensure appropriate number and variety of records are stored into the database. These would be used in the query process later.

Final document submission:

5	Report/Writeup	<ul style="list-style-type: none">List of reasons/constraints to justify the choice of DBMS.TWO .sql Script files - create and insert statements.Indicate contribution of each member clearly and approximate time spent in hours for the respective activity.
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Note: Database complexity could be measured in terms of number of entity sets/tables - approximately 8 to 10. Accordingly 8 to 10 records per table should be entered, so that suitable queries are designed with this data.