

| Mid-Project Evaluation (10% Weightage) | | | | | | | |
|--|--|-------------|---|---------------|--|--|--|
| | | Total Marks | Remarks | Partial Marks | | | |
| ER Diagram | ER Formulation | 7 | Scope of project, Stakeholders Identified, Entities defined with underlined primary key, Relationship established | 2+1+2+2 | | | |
| | Weak Entity | 1 | Identification of Weak Entity and Why? | 1 | | | |
| | Entity relationship participation and their type | 3 | Entities participation type, relationship roles and constraints, if any, correctly identified | 1+1+1 | | | |
| | Ternary Relationship | 1 | Identification of ternary relationship, if any, and why? | 1 | | | |
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| Relational Schema | Logical Database Design | 4 | Converting E-R into Relational Schemas with underlined Primary Key | 4 | | | |
| | Mapping Constraints including Integrity Constraints | 4 | Sufficient and valid constraints in DDL (of tables) | 4 | | | |
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| Data Population in all tables | | 10 | Sufficient and Valid data (How to populate data, insertion of data, cardinality..) | 10 | | | |
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| SQL Queries | | 10 | There should be atleast 10 diverse set of queries with correct execution | 1*10 | | | |
| | | | | | | | |
| | | 40 | | 40 | | | |
| Note: | | | | | | | |
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| • There will be a penalty of 12 marks if there is no group participation. | | | | | | | |
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| • SQL queries should not be redundant. They should be versatile in terms of topics covered and should make use of different relational algebraic operations (Views, authorization of views, aggregation functions..) | | | | | | | |
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| • Data population can be done via script or using an online bulk data generator. | | | | | | | |
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| • Anonymous reviews should be taken, and in case the TA feels that a student has not contributed enough based on the viva and reviews from group members, a penalty can be imposed according to the rubric. | | | | | | | |