

MA 518: DATABASE MANAGEMENT SYSTEMS

MONSOON 2021

Term Project: Phase II

1. Construct an ERD of your project based on the requirements submitted in phase I of the project. Your diagram should include primary key, multi-valued attributes (if any), weak entities (if any), relations, etc.
2. Having finalized your ER model, use the techniques discussed in class to map your ER design to relations. While doing so, use the optimized strategies and not just simple mapping. Your tables should be complete with primary keys, foreign keys and NOT NULL constraints.
3. Your design should include how the business rules will be enforced.
4. Populate the tables using real life example data.

Deliverables: You need to submit a report containing the following

- (a) ER diagram of the project.
- (b) SQL statements to create and populate the relations.

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