

SYSTEMS ANALYSIS AND DATABASE DESIGN: MIT 263

Lab Exercise 3-2 Normalization Process

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Objective

By the end of this activity, students will be able to:

1. Apply **First, Second, and Third Normal Forms (1NF, 2NF, 3NF)** to remove redundancies and anomalies.
2. Identify **repeating groups, partial dependencies, and transitive dependencies** in their database design.
3. Update their **Entity-Relationship Diagram (ERD)**.

Updated Normalized ERD:

