



Department of Electrical and Computer Engineering
North South University

SPRING 2024

Assignment - 1

ERD Design and Implementation

Submitted By

Saif Mohammed

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Course Details

CSE311 (Section 1)

Database Management Systems

Submitted To

Dr. Abu Sayed Mohammad Latiful Hoque

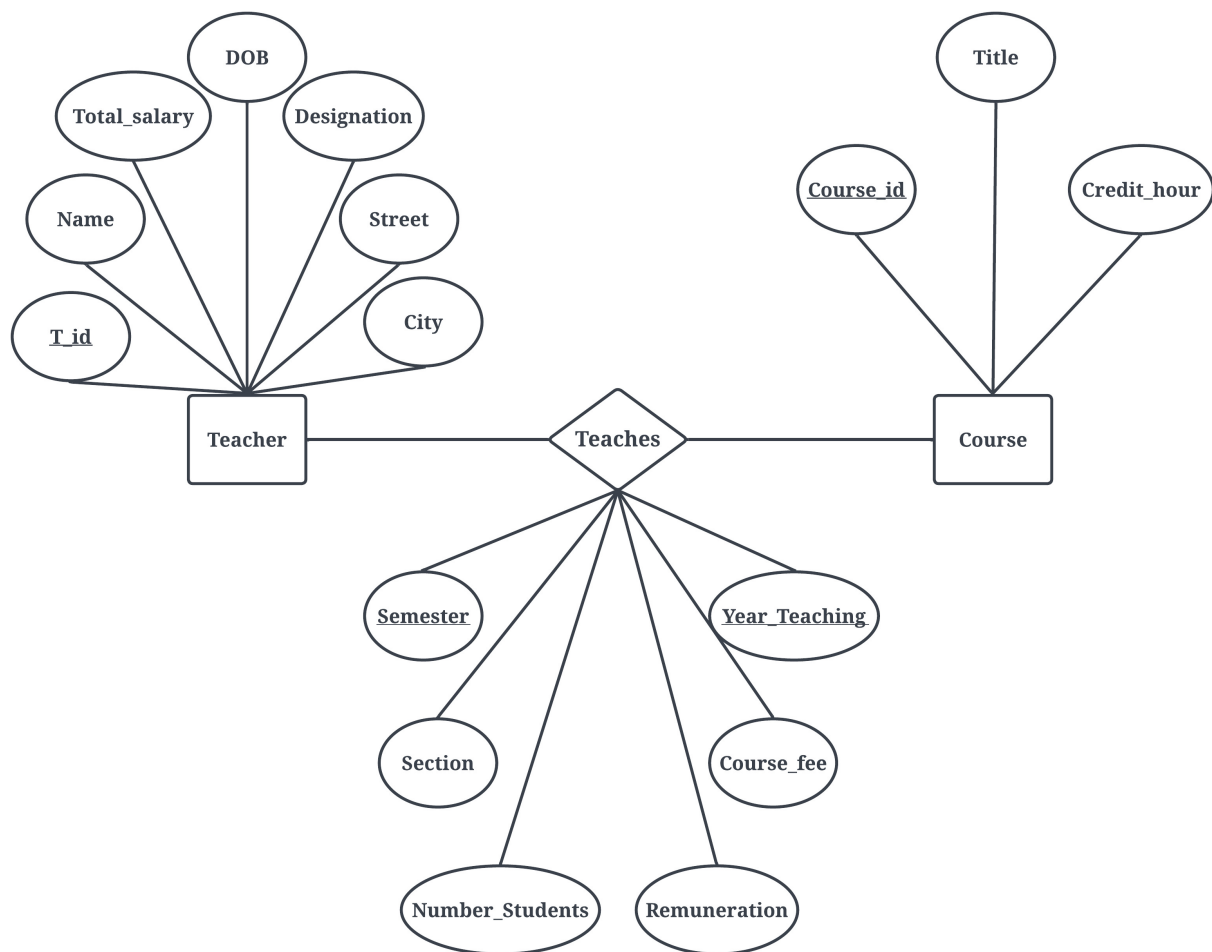
Professor, Department of Electrical and Computer Engineering

North South University

Submission Date

February 29, 2024

Q1 - ER Diagram (Chen Notation):



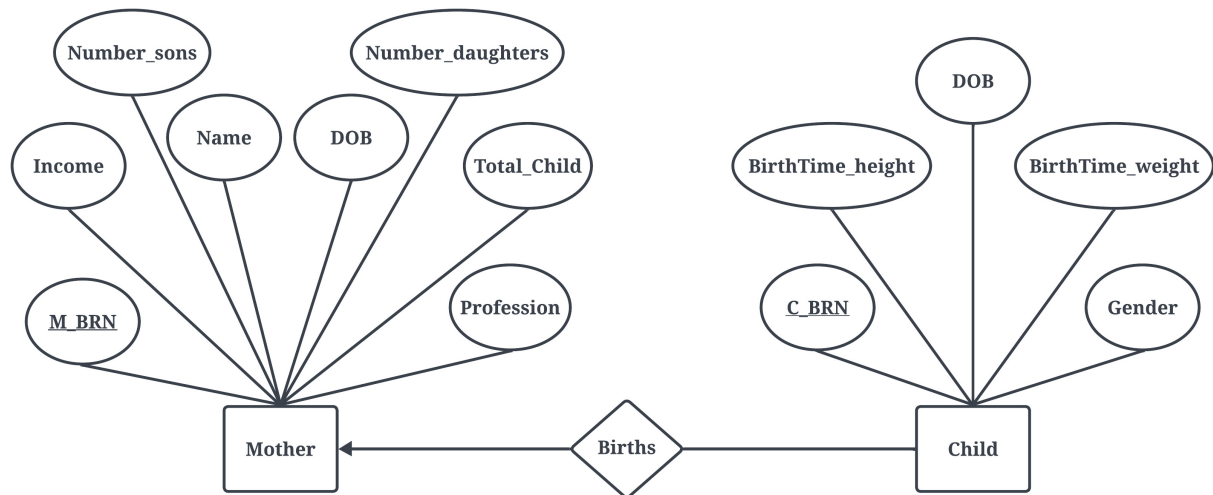
Q1 - Relation Schema:

Teacher(T_id, Name, DOB, Street, City, Designation, Total_Salary)

Course(Course_id, Title, Credit_hour)

Teaches(T_id, Course_id, Semester, Year Teaching, Remuneration, Section, Number_students, Course_fee)

Q2 - ER Diagram (Chen Notation):

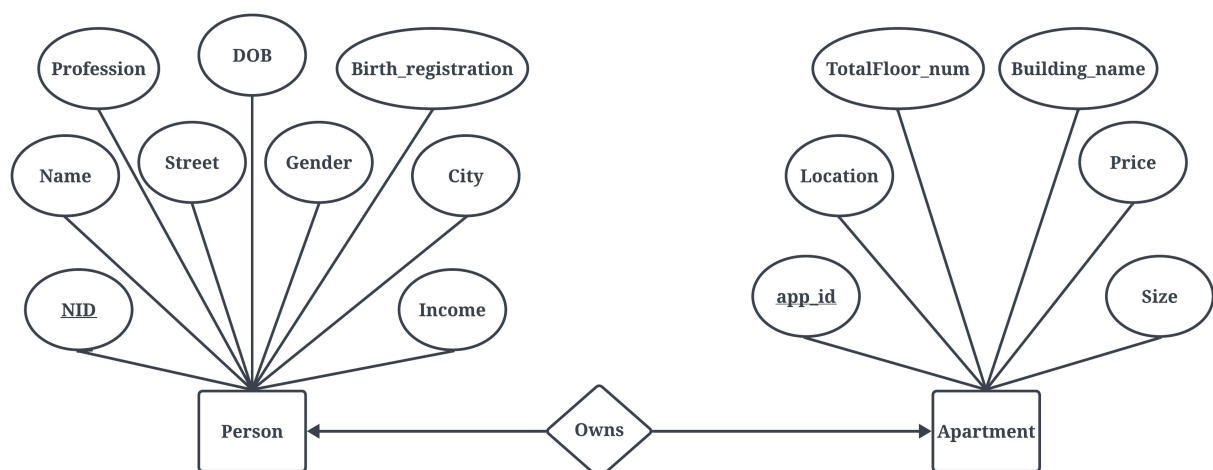


Q2 - Relation Schema:

Mother(M_BRN, Name, Number_sons, Number_daughters, Total_child, DOB, Profession, Income)

Child(C_BRN, Name, DOB, BirthTime_height, BirthTime_weight, Gender, M_BRN)

Q3 - ER Diagram (Chen Notation):



Q3 - Relation Schema:

Apartment(App_id, Size, Building_name, TotalFloor_num, Location, Price)

Person(NID, Name, Gender, DOB, Profession, Income, Street, City, Birth_registration, App_id)