

Department of Electrical and Computer Engineering North South University

SPRING 2024

Assignment - 1

ERD Design and Implementation

Submitted By

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Course Details

CSE311 (Section 1)

Database Management Systems

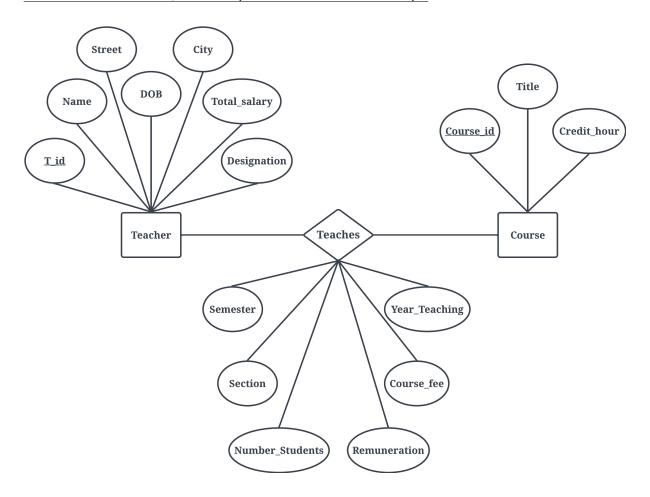
Submitted To

Dr. Abu Sayed Mohammad Latiful Hoque Professor, Department of Electrical and Computer Engineering North South University

Submission Date

February 27, 2024

Q1 - ER Diagram (Chen Notation):



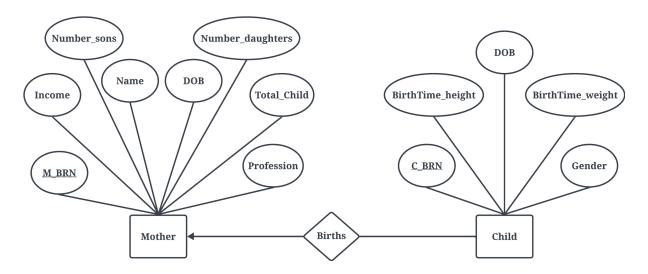
Q1 - Schemas:

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

Course_id, Title, Credit_hour)

 $\label{eq:course_id} Teaches(\underline{T_id}, \underline{Course_id}, \underline{Semester}, \underline{Year_Teaching}, \underline{Remuneration}, \underline{Section}, \underline{Number_students}, \underline{Course_fee})$

Q2 - ER Diagram (Chen Notation):

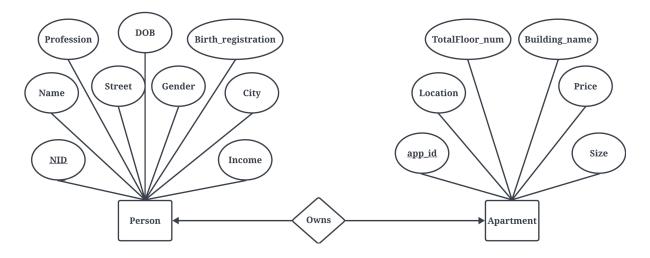


Q2 - Schemas:

Mother(<u>M_BRN</u>, 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 - Schemas:

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

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