**DATAMA2 - DATABASE MANAGEMENT 2**

**2nd Trimester, A.Y. 2023-2024**

**ACTIVITY 3**

NAME: Zyrha Alliah Rausa SCORE: \_\_\_\_\_ / 75 = \_\_\_\_\_

SECTION: BSIT-221A

**GENERAL INSTRUCTIONS:** In this activity, you are tasked with normalizing a complex database schema for a university system. The original schema contains tables for students, courses, instructors, departments, and enrollments. Their objective is to normalize the schema up to 3NF while minimizing data redundancy and ensuring data integrity. Insert 3 values to each table. Compile and submit the SQL file containing all the queries from the given questions. Save your output as 'DelaCruz\_Act3.

**Schema:**

* Students (student\_id, student\_name, student\_email, student\_phone, department\_id)
* Courses (course\_id, course\_name, department\_id, instructor\_id)
* Instructors (instructor\_id, instructor\_name, instructor\_email, department\_id)
* Departments (department\_id, department\_name, department\_head)
* Enrollments (enrollment\_id, student\_id, course\_id, enrollment\_date)

*Screenshots of each form's table:*

**First Normal Form: (STUDENTS)**

**A screenshot of a computer

Description automatically generated**

**Second Normal Form:**

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**Third Normal Form:**

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**First Normal Form: (COURSES)**

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**Second Normal Form:**

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**Third Normal Form:**

**First Normal Form: (INSTRUCTORS)**