

20/10/2025

TASK 11: CRUD OPERATIONS 2ND SEMESTER DATABASE

Aim: To perform CRUD operation
on a given database

CREATE - Names & Relationships

CREATE CS1: Student {id: 1, name: 'Vijay', 21}

CREATE CS2: student {id: 2, name: 'Nishika', age: 20}

CREATE CC1: counsellor {id: 10, name: 'Computer
science'}

CREATE CC2: counsellor {id: 102, name: 'Data Science'}

CREATE CS1: (C: ENROLLED - INJ) - (C1)

CREATE CS2: (C2: ENROLLED - INJ) - (C2)

READ - Query data

DELETE (C1: student) - (ENROLLED - INJ)

CC: - Delete

REMOVE student - C-name;

Output:

Vijay → Computer science

Nishika → Data Science

UPDATE

MATCH CS: Student {name: 'Vijay', 21}

age: 18, age: 22, s-city: 'Hyderabad'

UPDATE :

name: Viney
Age: 22
City: Mumbai

Computer
Science
(Course)

DELETE :

Viney
(Student)

ENROLLED - IN

Computer
Science
(Course)

RE TURN'S:

name = Viney → Computer Science.

age = 22

City = Mumbai

DELETE

NAME(S) - Student { name: 'Vishal' } -

(Y :- ENROLLED - IN) → (C :- course)

DELETE :

Viney → ENROLLED - IN → Computer Science

LITCH	
NAME	11
DATE	5
SUBJECT AND ANALYSIS (5)	5
DATE VIA VOICE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	

VRL LITCH	
NAME	
DATE	
SUBJECT AND ANALYSIS (5)	
DATE VIA VOICE (5)	
RECORD (4)	
TOTAL (15)	
SIGN WITH DATE	

Result :

The implement of CRUD operations like creating, updating, reading & deleting operations using graph DB is successfully executed.