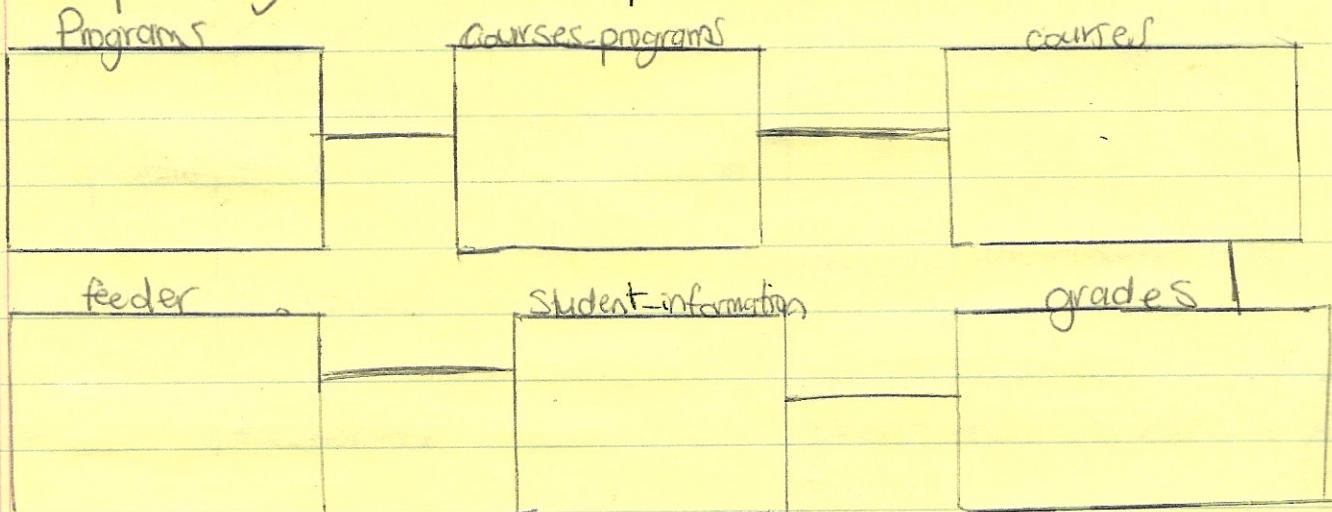


Edlyn Garcia
er-diagram
30/03/23

Step 1: Entity Identification

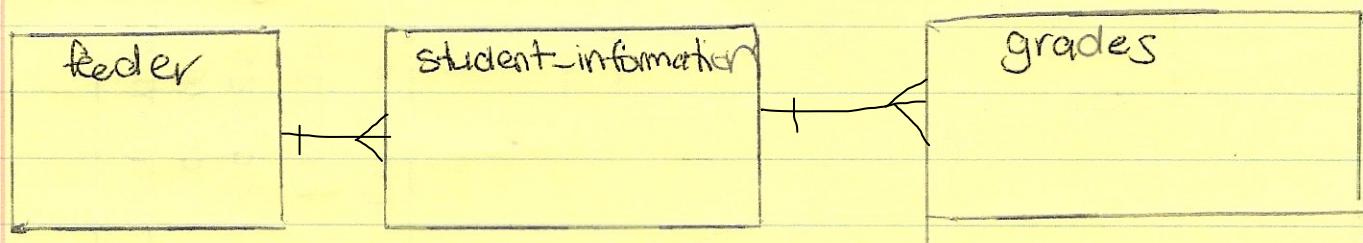
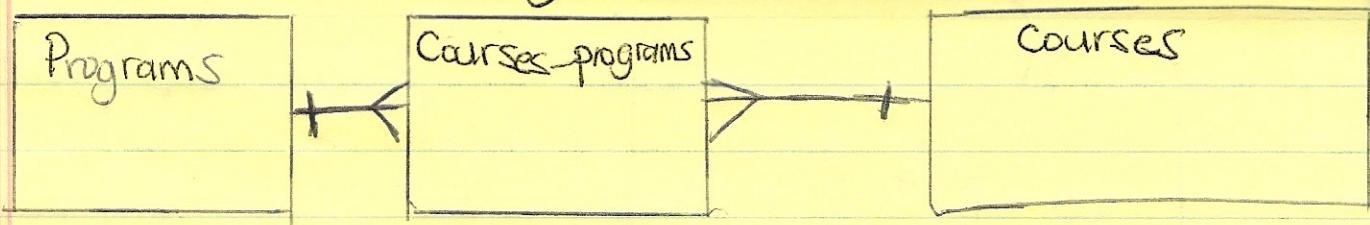
1. Programs
2. courses-programs
3. courses
4. feeder
5. student-information
6. grades

Step 2: Relationship Identification



- * Programs = many courses
- * feeder = many students
- * Courses and dif (multiple) grades per student

Step 3.) Cardinality Identification



Step 4.) Identify Attributes

<u>Entity</u>	<u>Primary Key</u>	<u>Foreign Key</u>	<u>Attribute</u>
1. Programs	program-id		Program-Code, program-name, degree-type
2. Courses-programs	CO-Pro	Program-id // composite course-id	
3. Courses	course-id		course-code, course-title, course-credits
4. feeder	feeder-id		school-name, management, urban-rural, municipality, funding, district
5. Student-info	student-id	feeder-id	gender, ethnicity, city, district, program-start, program-status, program-end, grad-date
6. Grades	grade-id	student-id course-id	Semester, course-grade, course-points

Step 5: Create the ER-Diagram

