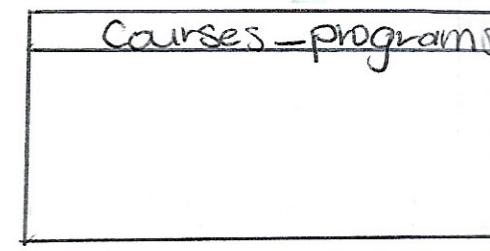
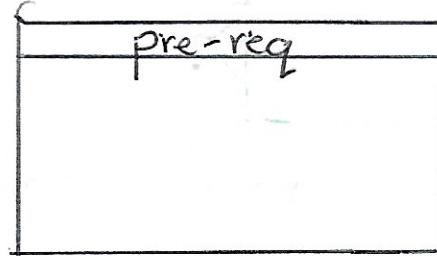
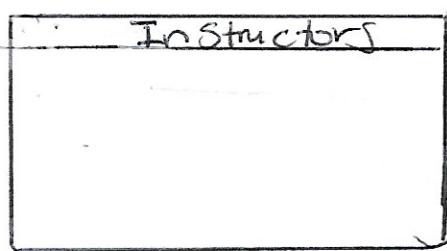
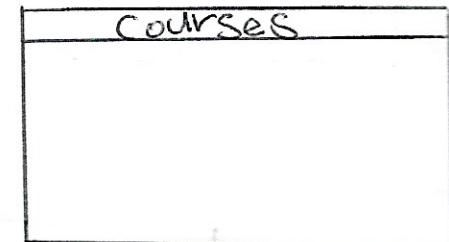
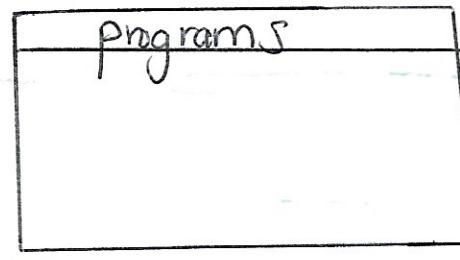
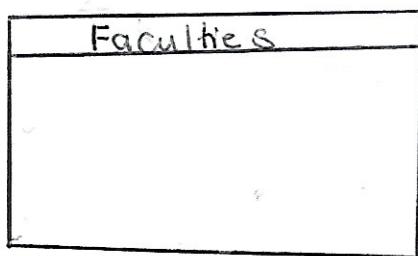
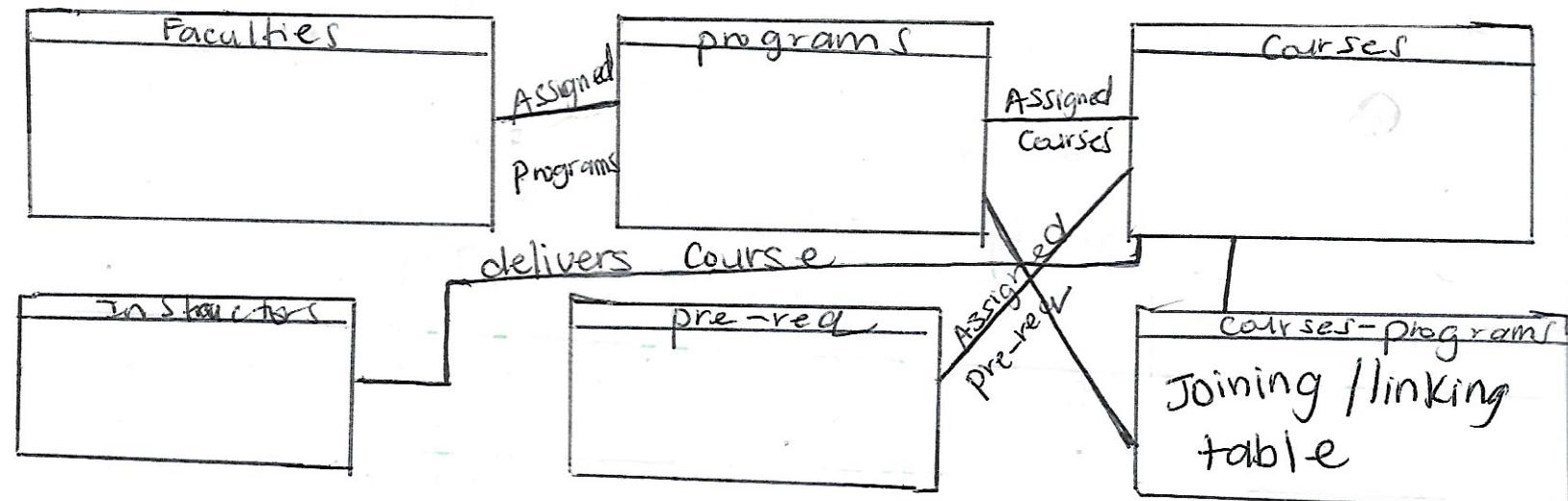


Edlyn Garcia

Step 1: Entity Identification - 6

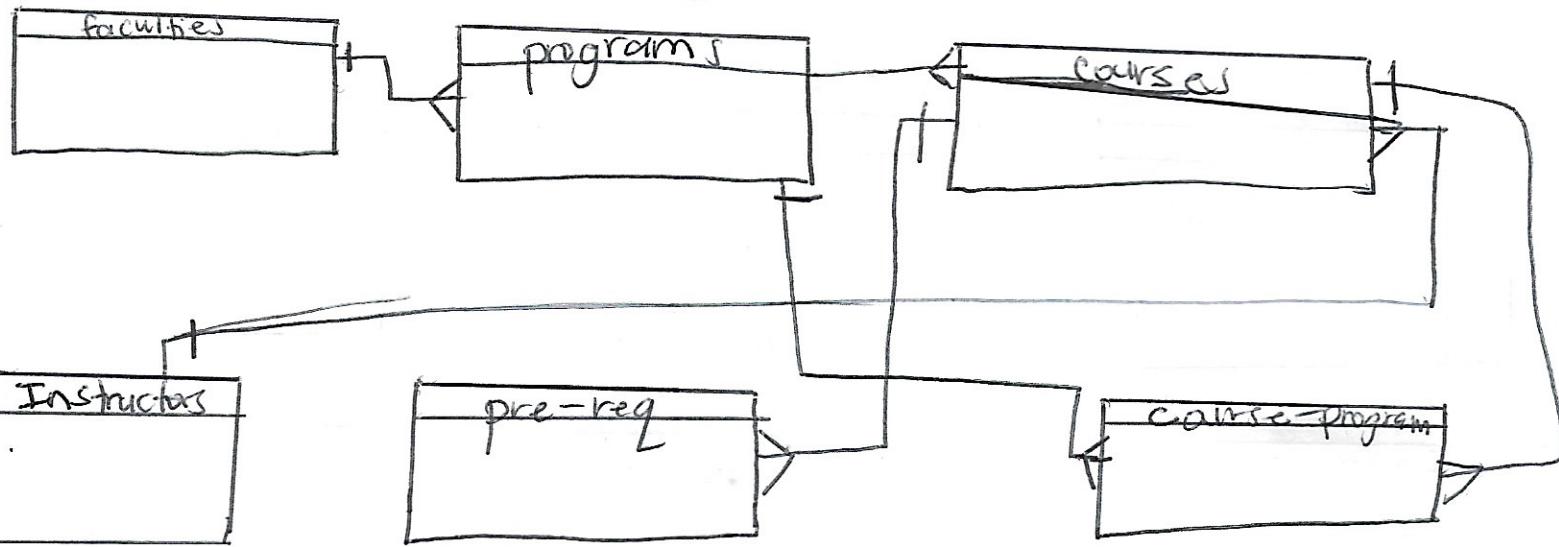


Step 2: Relationship Identification



- * Faculties is the department and then the ^{different} _^ programs falls under it. (Assigned)
- * Instructors delivers the courses
- * Courses Assigned under the various programs
- * Pre-reqs Assigned under the different courses

Step 3: Cardinality Identification



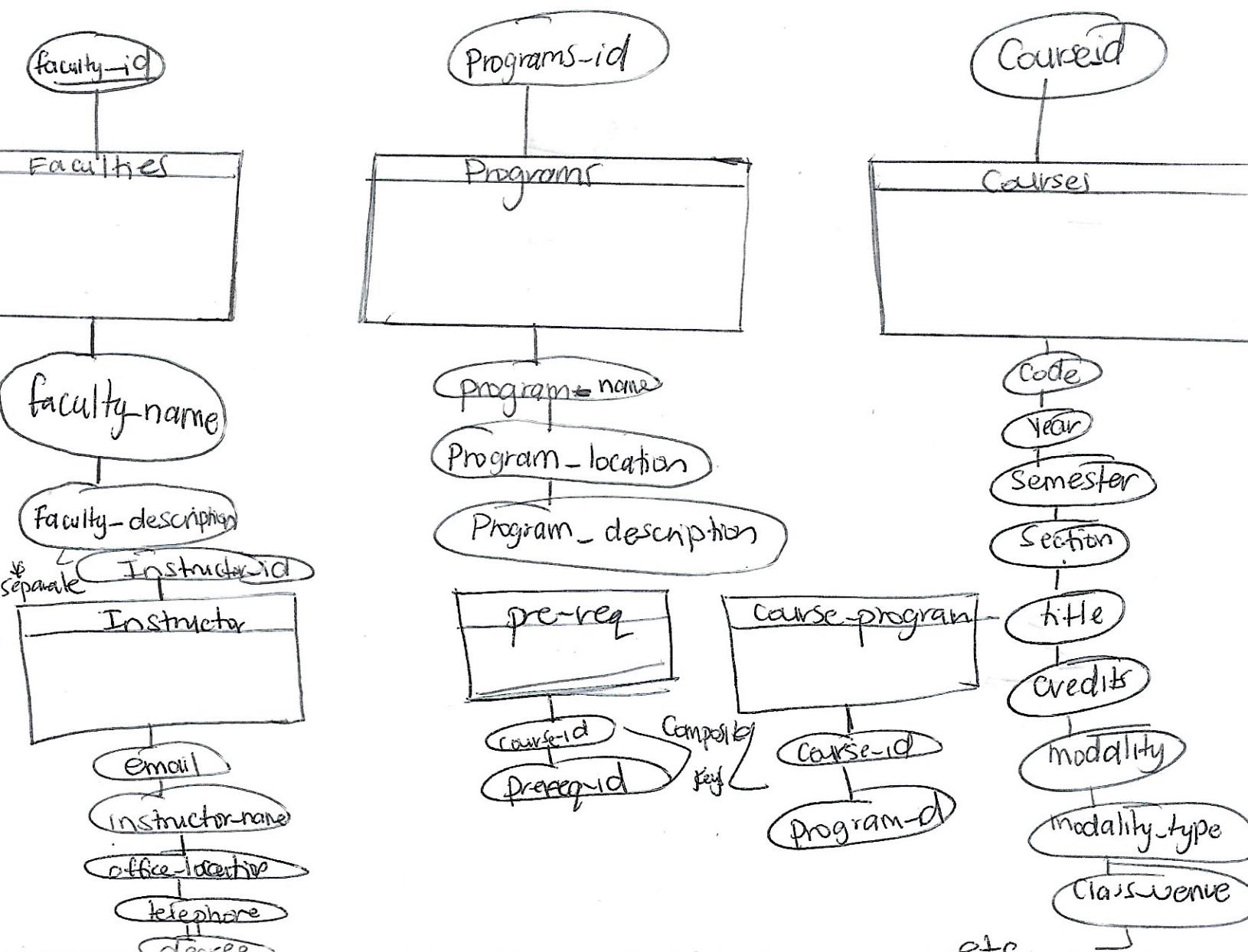
- * One faculty can have many programs.
- * One instructor can teach many courses.
- * One course can have many pre-req.
- * One program has many course.
- * Many courses can belong to Many programs.

Step 4) I identify Attributes

Entity	Primary Key	Attributes	
Faculties	faculty-id	faculty-id	faculty-name, faculty-description
Programs	Program-id Foreign Key: faculty-id	Program-id	Program-name, Program-location, Program-description
Courses	course-id Foreign Key: instructor-id	course-id, code, year, semester, section, title, credits, modality, modality-type, class-venue, communication-tool, course-field-trip, resources-required, resources-recommended, resources-other, description, outline-url	

Step 4) Identify Attributes Con't

Entity	Primary Key	Attributes
Instructors	instructor-id	instructor-id, email, instructor-name, office-location, telephone, degree
Pre-reg		course-id PreReg-id // Composite Key
Courses-programs		course-id Program-id // Composite Key



Step 5) Create the ERD Diagram

