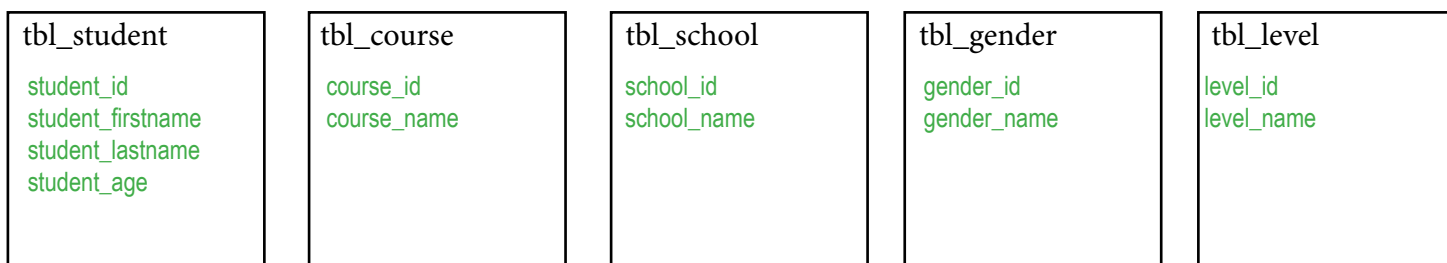


Sa ating mga tables (ENTITY)

Maglagay muna tayo ng mga column names bago natin i-discuss ang RELATIONSHIP

STUDENTS							
id	firstname	lastname	age	course	school	gender	level
1	Jose	Cruz	20	BS Nursing	University of Sto. Tomas	male	third year
2	Ken	Vaida	18	Computer Science	Mapua	male	first year
3	Khay	Santos	21	HRM	University of the East	female	fourth year
4	Lyna	Samonte	24	BS Accounting	University of the Philippines	female	first year
5	Anton	Dutarte	26	Aeronautics	Airlink	male	fifth year

Ito pang visual natin



Meron na tayong field or column names kada isang table (entity)

Sa Database Design, meron tinatawag na ERD (or ENTITY RELATIONSHIP DIAGRAM)

Ang ibig lang sabihin, "drawing" or parang flowchart na nagpapakita ang RELATIONSHIP ng isang Entity sa ibang mga Entities.

Halimbawa: ano ang "relasyon" ni tbl_student kay tbl_course, o kaya tbl_student kay tbl_gender

Ok, let's find out the relationship and then we use ERD (or idrawing natin)
Maraming styles ang ERD.

This is CROWFOOT notation.

1) ang isang STUDENT ay hanggang ONE gender lang. <-----hindi siya puwedeng babae at lalaki at the same time (psssst! alam ko ang iniisip nyo..lol)



2) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY courses <-----puwede siyang kumuha ng nursing, engineering, etc. at the same time



3) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY schools <-----puwede siya naka enrol sa UST, UP and La Salle all at the same time

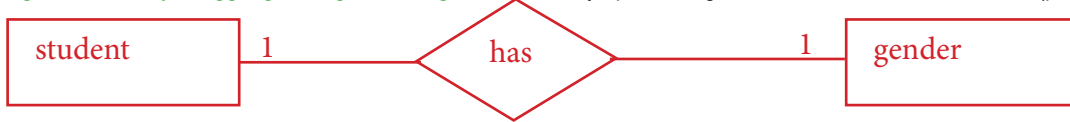


4) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY levels <-----puwede siyang first year, second year, fifth year all at the same time



This is CHEN notation.

1) ang isang STUDENT ay hanggang ONE gender lang. <-----hindi siya puwedeng babae at lalaki at the same time (psssst! alam ko ang iniisip nyo..lol)



2) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY courses <-----puwede siyang kumuha ng nursing, engineering, etc. at the same time



3) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY schools <-----puwede siya naka enrol sa UST, UP and La Salle all at the same time



4) ang isang STUDENT ay puwedeng magkaroon ng ONE TO MANY levels <----puwede siyang first year, second year, fifth year all at the same time



Yung ibang relationship ng ating mga ENTITIES, i-enumerate lang natin pero hindi natin bibigyan ng ERD para lang hindi kayo maguluhan. Let's concentrate on the first 4 above.

- 5) ang isang SCHOOL has ONE TO MANY course
- 6) ang isang COURSE has ONE TO MANY level
- 7) ang isang COURSE has ONE TO MANY student
- ...etc. etc. et.