

## Lab 6 Keys

First Name Suradit      Last Name Luo      student ID 632115043

1.

Please list all of PK, FK, Candidate Key, Composite key?

<u>Student_id</u>	<u>Course_id</u>	term	<u>Academic_year</u>	section	grade	<u>Lecturer_id</u>

  

<u>Student_id</u>	name	surname	address	<u>Telephone_no</u>

  

<u>Lecture_id</u>	LName	LSurname	Telephone	<u>Major_id</u>

  

<u>Course_id</u>	<u>Course_name</u>	Description	Unit	Type

  

<u>Major_id</u>	<u>Major_name</u>

Student_id	Course_id	term	Academic_year	section	grade	Lecturer_id
Foreign Key	Foreign Key					Foreign Key

  

Composite key as Primary Key					
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Student_id	name	surname	address	Telephone_no.
PK				Candidate Key

Course_id	Course_name	Description	Unit	Type
PK	Candidate Key			

Lecture_id	Lname	Lsurname	Telephone	Major_id
PK			Candidate key	FK

Major_id	Major_name
PK	Candidate key

2. From the figure above, please demonstrate one example of the relation, when you break the domain integrity.

Student_id	name	surname	address	Telephone_no.
632115482	William	012	165/87	086****745
63215364	Elizabeth	223	144/75	093****452
63215043	Suradit	70	199/55	081****0999

1. Student ID must be integer.
2. Name must be varchar.
3. Surname must be varchar. If user type int it will break the domain integrity
4. Address must be varchar
5. Telephone\_no must be integer.