

# LAB ASSIGNMENT 4

## Exercise 1

According to the following entity-relationship diagram figure. 1, you have to generate the relation schema in phpMyAdmin. You are given the necessary data to be inserted in your tables by the table 2. The resulting relational schema should look like the figure. 3 (Score: 5 marks)

**\*Remember:** There are redundant data in the tables and derive the data that is necessary for your relation schema.

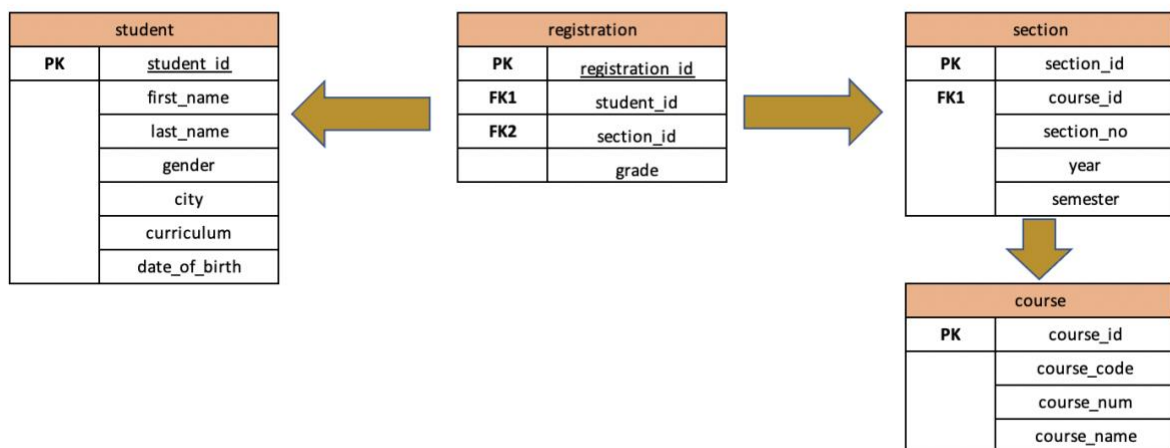


Figure 1 ER Diagram

Student Table

student_id	first_name	last_name	gender	city	curriculum	date of birth
6022040411	Adam	Phelps	Male	New York	ICT	24/7/2000
6022040412	Mark	Twain	Male	Los Angeles	ICT	13/9/2002
6022040413	Shania	Judith	Female	New York	CIVIL	19/5/2001
6022040414	Angelina	Rosswell	Female	California	MECHANICAL	27/7/2002
6022040415	Thomas	Hardy	Male	New York	MANAGEMENT	19/3/2006

Section Table

student_id	first_name	last_name	section_id	course_id	section_no	grade	semester	year
6022040411	Adam	Phelps	623	4576	1	A		2019
6022040412	Mark	Twain	625	4576	3	B		2019
6022040413	Shania	Judith	354	2345	2	A		2019
6022040414	Angelina	Rosswell	267	1458	1	C		2020
6022040415	Thomas	Hardy	147	2345	2	A		2020

Course Table

student_id	first_name	last_name	course_id	course_no	course_name	course_code
6022040411	Adam	Phelps	4576	45	Programming	ITS341
6022040412	Mark	Twain	4576	45	Programming	ITS341
6022040413	Shania	Judith	2345	24	Critical Thinking	GC124
6022040414	Angelina	Rosswell	1458	12	CAD/CAM	ME231
6022040415	Thomas	Hardy	2345	24	Critical Thinking	GC124

Registration Table

registration_id	student_id	first_name	last_name	section_id	grade
602	6022040411	Adam	Phelps	623	A
603	6022040412	Mark	Twain	625	B
604	6022040413	Shania	Judith	354	A
605	6022040414	Angelina	Rosswell	267	C
606	6022040415	Thomas	Hardy	147	A

Table 2 Data

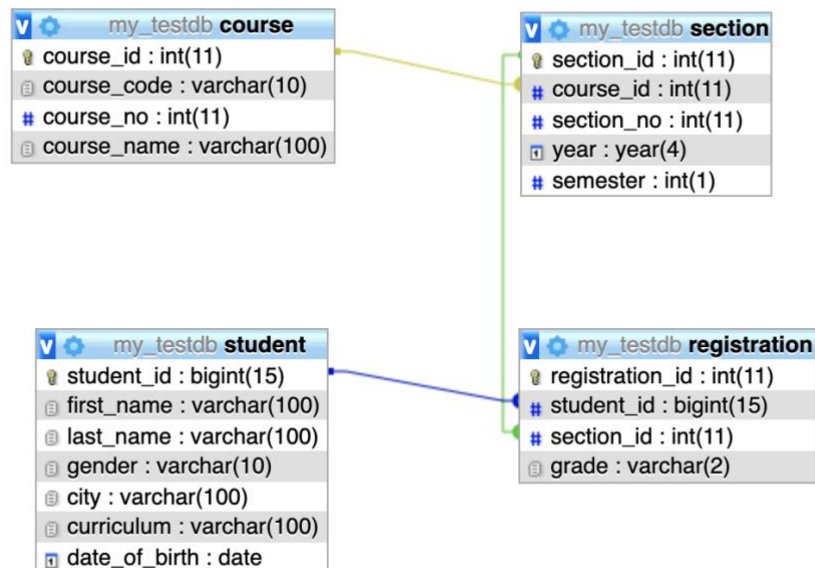


Figure 3 ER Diagram

## Exercise 2

This is your usual form (Remember lab. 1: figure 4). Follow the hints given in "add\_user.php" where submission would direct to the "user.php" file. It also needs to take the inputs from the "add\_user.php" and output as following figure 5 (Score: 5 marks)

**\*Hints:** Use the images given in the "images" folder. Also need to show the status of disabled tick box as well figure 6

Figure 4 add\_user.php

Title	Name	Email	User Group	Disabled	Edit	Del
Mr.	MyUser Lastname	youremail@email.com	Instructor	No		

Figure 5 user.php

Figure 6 example of disabled checkbox