



Princess Sumaya University for Technology  
King Hussein Faculty of Computing Sciences  
Computer Science Department

Database Systems Lab  
CS 11354  
Lab Assignment # 7  
Semester: Spring 2022/2023

**Lab Exercises:**

1. Create a table named **Sections** with the following rules and constraints:

Column name	Section_ID	Section_name	Number_of_instructors
Data type	Number	Varchar2	Number
length	3	30	2
constraints	Primary key		Default: 0 Must be positive

2. Create table named **Students** with the following rules and constraints:

Column name	Student_ID	Name	Address	Birthdate	Section_ID
Data type	Number	Varchar2	Varchar2	Date	Number
length	8	20	100		3
constraints	Primary key	Unique		Not null	Foreign key, if a section deleted then delete all the students automatically

3. Add the following column to **Students** table: (**mobile**, **number**, 10) and the following column to **Sections** table (**Section\_Head**, **varchar2**, 100).
4. Add **Not null** constraint to the **Section\_name** column in **Sections** table.
5. Increase the length of the **address** column in **students** table to 200.
6. Remove **number\_of\_istructors** column from **sections** table.
7. Create a backup table from **students** table called **students2** with all its information and columns.
8. Drop the **students** table.



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9. Rename the **students2** table to be **students**.
10. Find all the constraints names using **USER\_CONSTRAINTS** for user **system**.