



CIS 11051 – PRACTICAL FOR DATABASE DESIGN

Information and communication Technology

Faculty of Technology

South Eastern University of Sri Lanka

Registration Number: SEU/IS/22/ICT/075

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Lab Sheet 05 Part II

Exercise 01

1. Open mysql shell → enter password → type “create database VaccinatedStudent”

```
MySQL 8.0 Command Line Client
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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database VaccinatedStudent;
Query OK, 1 row affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sakila |
| sys |
| vaccinatedstudent |
| world |
+-----+
8 rows in set (0.01 sec)
```

- 2.

```
performance_schema |
sakila |
sys |
vaccinatedstudent |
world |
+-----+
8 rows in set (0.01 sec)

mysql> use VaccinatedStudent;
Database changed
mysql> 
```

3.

```
MySQL 8.0 Command Line Client
mysql> create table VaccinatedStudentDetails(ID int,First_name varchar(15),Lastname varchar(15), Last_name varchar(15), DO
B date, address varchar(30));
Query OK, 0 rows affected (0.03 sec)
```

4.

```
MySQL 8.0 Command Line Client
mysql> create table VaccinatedStudentDetails(ID int,First_name varchar(15),Lastname varchar(15), Last_name varchar(15), DO
B date, address varchar(30));
Query OK, 0 rows affected (0.03 sec)

mysql> desc vaccinatedstudentdetails;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID    | int  | YES  |     | NULL    |       |
| First_name | varchar(15) | YES  |     | NULL    |       |
| Lastname | varchar(15) | YES  |     | NULL    |       |
| Last_name | varchar(15) | YES  |     | NULL    |       |
| DOB    | date  | YES  |     | NULL    |       |
| address | varchar(30) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.01 sec)
```

5.

```
mysql> insert into vaccinatedstudentdetails values(1,'john','smith','1998-01-19','Kandy road, ampara'),(2,'Franklin','Loshan','1999-06-20','Berry Hills,Matara'),(3,'Moh
amed','Shan','2000-10-26','26, Stone Lane, Jaffna'),(4,'ramesh','Narayan','1998-09-05','Park Road, Kandy');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> select * from vaccinatedstudentdetails;
+-----+-----+-----+-----+-----+
| ID | First_name | Last_name | DOB | address |
+-----+-----+-----+-----+-----+
| 1 | john | smith | 1998-01-19 | Kandy road, ampara |
| 2 | Franklin | Loshan | 1999-06-20 | Berry Hills,Matara |
| 3 | Mohamed | Shan | 2000-10-26 | 26, Stone Lane, Jaffna |
| 4 | ramesh | Narayan | 1998-09-05 | Park Road, Kandy |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

6.

```
mysql> create table vaccinedetails(vname varchar(15),vserialnumber int,manufacturer char(30));
Query OK, 0 rows affected (0.03 sec)
```

7.

```
mysql> desc vaccinedetails;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vname          | varchar(15)   | YES  |     | NULL    |       |
| vserialnumber  | int           | YES  |     | NULL    |       |
| manufacturer    | char(30)      | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.01 sec)
```

8.

```
mysql> insert into vaccinedetails values('sinofarm',1,'china'),('pfizer',2,'usa'),('Astrazeneca',3,'uk'),('Sputnik V',4,'Russia');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> desc vaccinedetails;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| vname          | varchar(15)   | YES  |     | NULL    |       |
| vserialnumber  | int           | YES  |     | NULL    |       |
| manufacturer    | char(30)      | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

9.

```
mysql> show tables;
+-----+
| Tables_in_vaccinatedstudent |
+-----+
| vaccinatedstudentdetails    |
| vaccinedetails              |
+-----+
2 rows in set (0.01 sec)
```

10.

```
mysql> show databases;
+-----+
| Database |
+-----+
| ictdepartment |
| information_schema |
| mysql |
| performance_schema |
| sakila |
| sys |
| vaccinatedstudent |
| world |
+-----+
8 rows in set (0.01 sec)
```