

ASSIGNMENT 2

Team ID : PNT2022TMID04575
Project Name : Project – Personal Expense Tracker

1. Create User table with user with email, username, roll number, password

The screenshot shows the IBM Db2 on Cloud interface. The 'Tables' tab is selected, displaying a list of tables. The 'USER_DETAILS' table is listed under the schema 'DPL41097'. The 'Table definition' panel on the right shows the table structure:

Name	Data type	Nullable	Length	Scale
NAME	VARCHAR	Y	32	0
Mail-id	VARCHAR	Y	32	0
Roll/no	VARCHAR	Y	32	0
PASSWORD	VARCHAR	Y	32	0

INSERT

```
INSERT INTO "USER_DETAILS" ("NAME","Mail-id","Roll/no","PASSWORD")  
VALUES('Dhiwaagar','dhiwagobi@gmail.com',1,1111100000),  
('Dhinakaran','dhipavi@gmail.com',2,1545522225),  
('Hariprasanth','haridheena@gmail.com',3,7777777777),  
('Gowrisankar','gowrimahesh@gmail.com',4,5555555555);
```

The screenshot shows the IBM Db2 on Cloud interface displaying the 'DPL41097.USER_DETAILS' table. The table contains the following data:

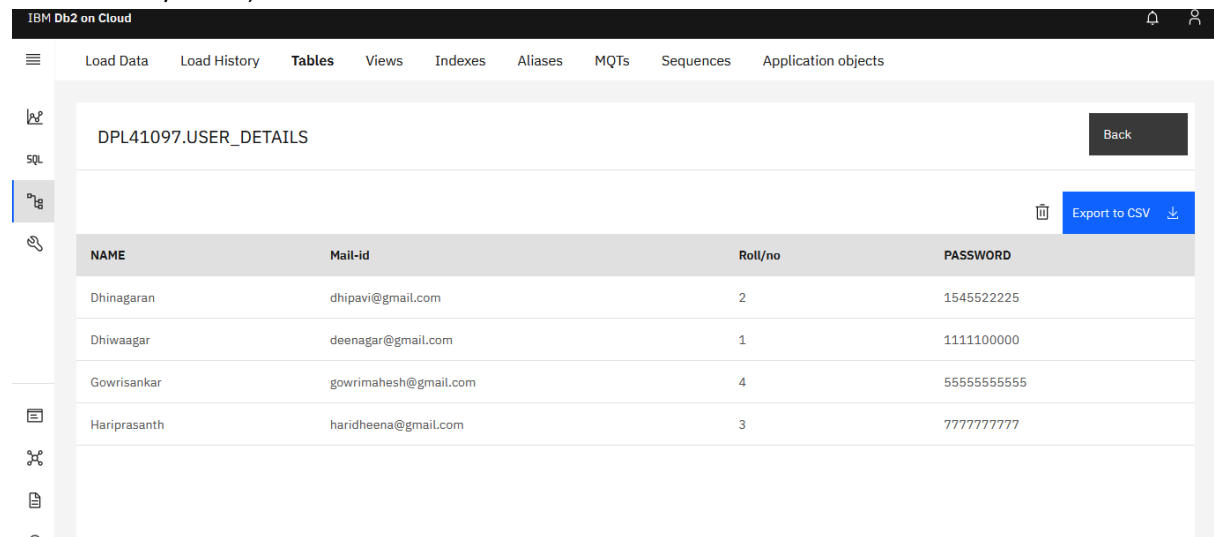
NAME	Mail-id	Roll/no	PASSWORD
Dhinakaran	dhipavi@gmail.com	2	1545522225
Dhiwaagar	dhiwagobi@gmail.com	1	1111100000
Gowrisankar	gowrimahesh@gmail.com	4	5555555555
Hariprasanth	haridheena@gmail.com	3	7777777777

2. Perform UPDATE,DELETE Queries with user table

UPDATE USER_DETAILS

SET "Mail-id"='deenagar@gmail.com'

WHERE "Roll/no"=1;

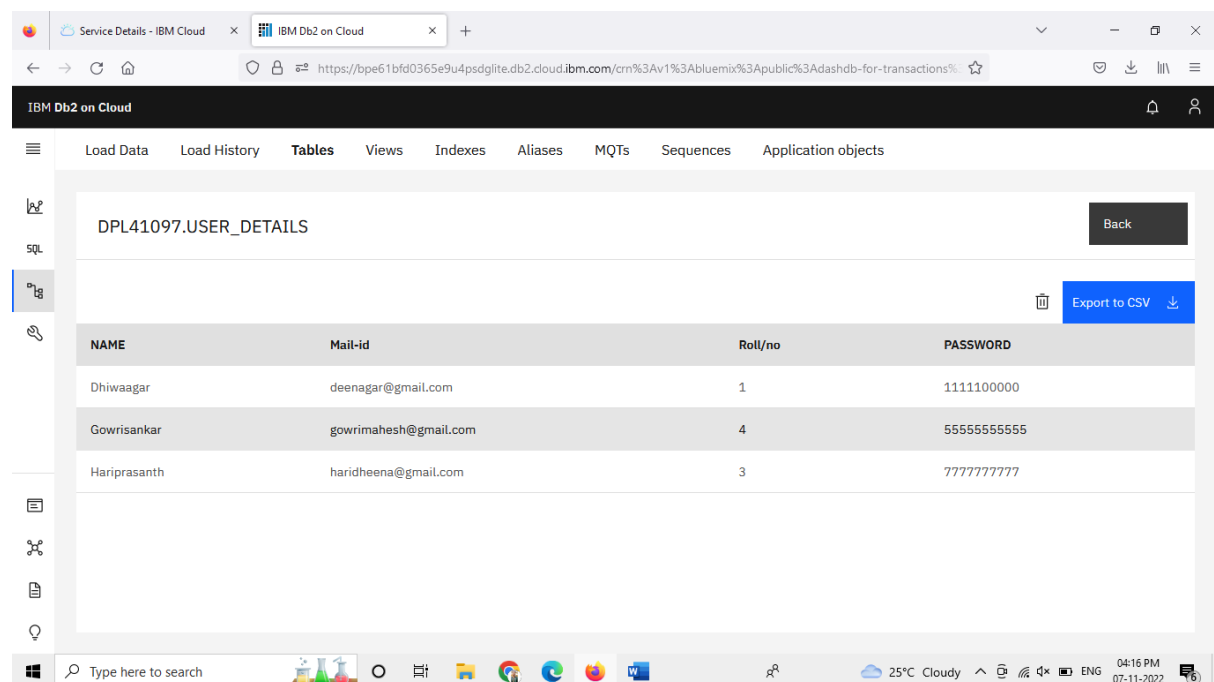


The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'DPL41097.USER_DETAILS'. The table has four columns: 'NAME', 'Mail-id', 'Roll/no', and 'PASSWORD'. The data rows are as follows:

NAME	Mail-id	Roll/no	PASSWORD
Dhinakaran	dhipavi@gmail.com	2	1545522225
Dhiwaagar	deenagar@gmail.com	1	1111100000
Gowrisankar	gowrimahesh@gmail.com	4	5555555555
Hariprasanth	haridheena@gmail.com	3	7777777777

Buttons for 'Back' and 'Export to CSV' are visible in the top right corner of the table view.

DELETE FROM USER_DETAILS where "NAME" ='Dhinakaran';



The screenshot shows the IBM Db2 on Cloud console interface after the deletion of the 'Dhinakaran' record. The table 'DPL41097.USER_DETAILS' now contains three rows:

NAME	Mail-id	Roll/no	PASSWORD
Dhiwaagar	deenagar@gmail.com	1	1111100000
Gowrisankar	gowrimahesh@gmail.com	4	5555555555
Hariprasanth	haridheena@gmail.com	3	7777777777

The 'Dhinakaran' record has been successfully removed from the table. The console interface and navigation bar remain the same as in the previous screenshot.

3. Connect python code to db2.

```
C:\Users\user\Desktop\job_portal>python app.py
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://192.168.157.3:5000
Press CTRL+C to quit
```