

Assignment 2

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Project: Personal Expense Tracker

CRUD OPERATION IN IBM DB2:

1. Create Table:

```
CREATE TABLE assignment_user (  
    id INT NOT NULL PRIMARY KEY GENERATED ALWAYS AS  
    IDENTITY (START WITH 1 INCREMENT BY 1),  
    email VARCHAR(50) NOT NULL UNIQUE,  
    password_hash VARCHAR(64) NOT NULL,  
    username VARCHAR(50) NOT NULL UNIQUE,  
    rollno VARCHAR(15) NOT NULL UNIQUE  
);
```

2. Insert:

```
INSERT INTO assignment_user (email, password_hash, username,  
rollno) VALUES ('suresh@gmail.com', 'suresh@12', 'suresh',  
'19BIT222');
```

3. Read:

```
SELECT * FROM assignment_user;
```

4. Update:

```
UPDATE assignment_user SET password_hash = 'suresh@14'  
WHERE rollno = '19BIT222';
```

5. Delete:

```
DELETE FROM assignment_user WHERE rollno = '19BIT222';
```

Screenshot of flask app:



