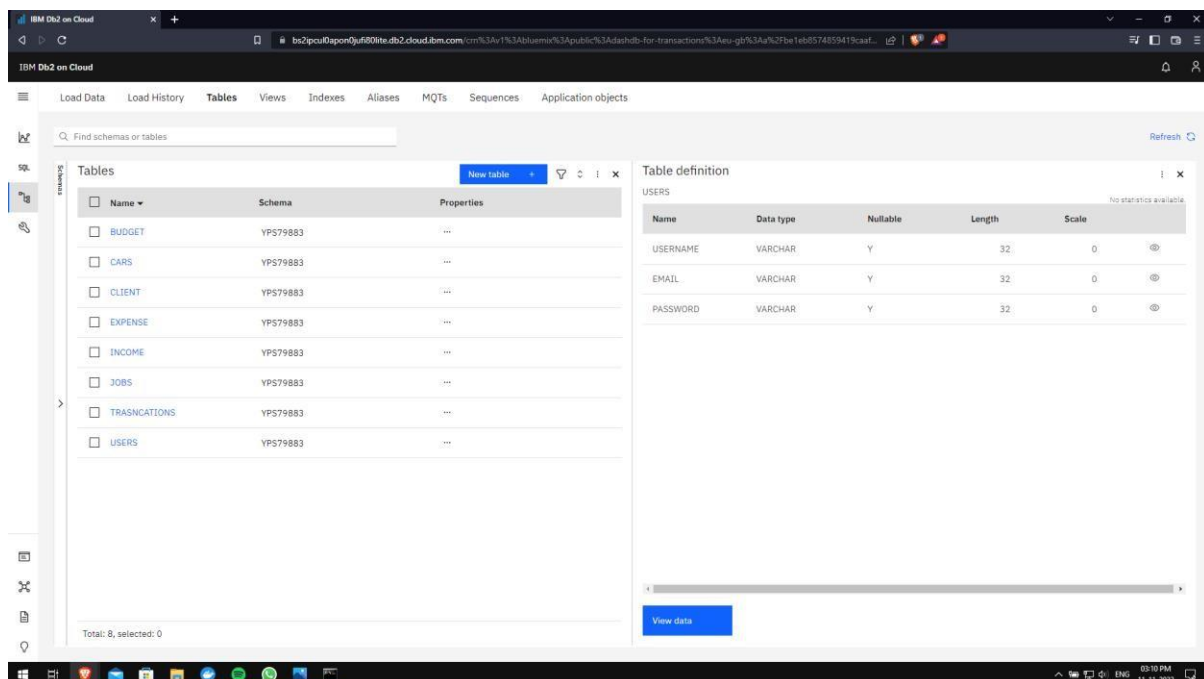


Date	9 November 2022
Team ID	PNT2022TMID49727
Project Name	Personal Expense Tracker

## Sprint – 2

### 1. Connect to IBM DB2



```
conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=764264db-9824-4b7c-82df-40d1b13897c2.bs2io90l08kqb1od8lclg.databases.appdomain.cloud;PORT=32536;SECURITY=SSL;SSLSERVICECertificate=DigiCertGlobalRootCA.crt;UID=ygs79883;PWD=SFdHBZfdbnTrDaGn", "", "")
```

```
37     mail.send(msg)
38     return redirect(url_for('dashboard'))
39
40
41 @app.route('/login', methods=['GET', 'POST'])
42 def login():
43     if request.method == 'POST':
44         email = request.form['email']
45         password = request.form['password']
46         sql = "SELECT * FROM PETA_USER WHERE email=? AND password=?"
47         stmt = ibm_db.prepare(conn, sql)
48         ibm_db.bind_param(stmt, 1, email)
49         ibm_db.bind_param(stmt, 2, password)
50         ibm_db.execute(stmt)
51         account = ibm_db.fetch_assoc(stmt)
52         print(account)
53         if account:
54             return redirect(url_for('dashboard'))
55         else:
56             return redirect(url_for('login'))
57     elif request.method == 'GET':
58         return render_template("login.html")
59
60
61 @app.route('/dashboard', methods=['GET'])
62 def dashboard():
63     return render_template('dashboard.html')
64
65 import ibm_db
66
67 app = Flask(__name__, template_folder='templates')
68 app.config['SECRET_KEY'] = 'top-secret!'
69 app.config['MAIL_SERVER'] = 'smtp.sendgrid.net'
70 app.config['MAIL_PORT'] = 587
71 app.config['MAIL_USE_TLS'] = True
72 app.config['MAIL_USERNAME'] = 'apikey'
73 app.config['MAIL_PASSWORD'] = "SG.rRPqo3ZyRHuDG6RhLjeICA.894zN6QW9Uj0pgPLO-4KT-_mjT9-KwXZ9AnyghEnis"
74 app.config['MAIL_DEFAULT_SENDER'] = "mohamedkayazafzal@gmail.com"
75 mail = Mail(app)
76
77 conn = ibm_db.connect("DATABASE=b1vdb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-d6a8c9f7a00f.c1ogj3sd0tgtu0lqde00.databases.appdomain.cLOUD;f
78
79 @app.route('/', methods=['GET', 'POST'])
80 def registration():
```

## 2. Develop Dashboard Module

