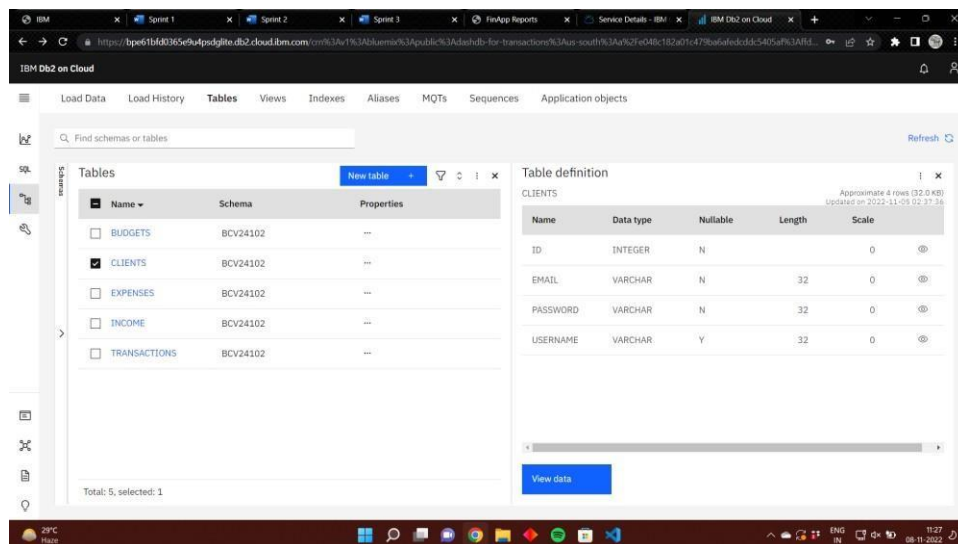


Date	5 November 2022
Team ID	PNT2022TMID40194
Project Name	Project - Personal Expense Tracker

Sprint 2

Steps:

1. Connect to IBM DB2



```
conn = ibm_db.connect(
    "DATABASE=bludb;"
    "HOSTNAME=6667d8e9-9d4d-4ccb-ba32-21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;"
    "PORT=30376;"
    "SECURITY=SSL;"
    "SSLServerCertificate=C:/Users/bhaua/OneDrive/Desktop/SEM Stuff KCT/IBM/DigiCertGlobalRootCA.crt;"
    "UID=bcv24102;"
    "PWD=ilZgx2Zokf2nJOCW;"
    "",
```

```
File Edit Selection View Go Run Terminal Help
app.py - Personal Expense Tracker - IBM - Visual Studio Code

EXPLORER
  app.py
  Dockerfile
  navblock.html templates
  logtoday.html templates
  login.html templates
  newlayout.html templates
  reports.html templates
  PERSONAL-EXPENSE-TRACKER-IBM
    > ...pytho...
    > .idea
    > .vscode
    > static
    > # displaying.js
    > # styles.css
    > templates
      dashboard.html
      home.html
      login.html
      logtoday.html
      newlayout.html
      register.html
      reports.html
    > app.py
    > Dockerfile
    > README.md
  OUTLINE
  TIMELINE

app.py 3+ X
  39 @app.route("/login", methods=["GET", "POST"])
  40 def login():
  41     msg = ""
  42     if request.method == "POST":
  43         username = request.form["username"]
  44         password = request.form["password"]
  45         sql = "SELECT clients, budgets, PASSWORD FROM clients LEFT JOIN BUDGETS ON clients.ID=BUDGETS.ID WHERE username = ? AND password = ?"
  46         stat = (lim_db.prepare(conn, sql))
  47         lim_db.find_param(stat, 1, username)
  48         lim_db.find_param(stat, 2, password)
  49         lim_db.execute(stat)
  50         account = lim_db.fetch_assoc(stat)
  51         # print(account)
  52         if account:
  53             session["loggedin"] = True
  54             session["id"] = account["ID"]
  55             session["email"] = account["Email"]
  56             session["username"] = account["username"]
  57             session["budget"] = account["PASSWORD"]
  58             print(session["loggedin"])
  59             return redirect("/dashboard")
  60         else:
  61             msg = "Incorrect login credentials"
  62             flash(msg)
  63             return render_template("login.html", title="login")
  64
  65 @app.route("/register", methods=["GET", "POST"])
  66 def register():
  67     msg = ""
  68     if request.method == "POST":
  69         username = request.form["username"]
  70         email = request.form["email"]
  71         password = request.form["password"]
  72         password2 = request.form["password2"]
  73         sql = "SELECT * FROM clients WHERE username = ? OR email = ?"
```

2. Develop Dashboard Module

