

Project deployment phase

Sprint-1

Team ID: PNT2022TMID27088

Project Name Project - Inventory Management System for Retailers

Registration:

The image displays two screenshots of a web browser interface for an inventory management system. The top screenshot shows the login and register buttons. The bottom screenshot shows the registration form with fields for Name, Email, and Password, and a Register button.

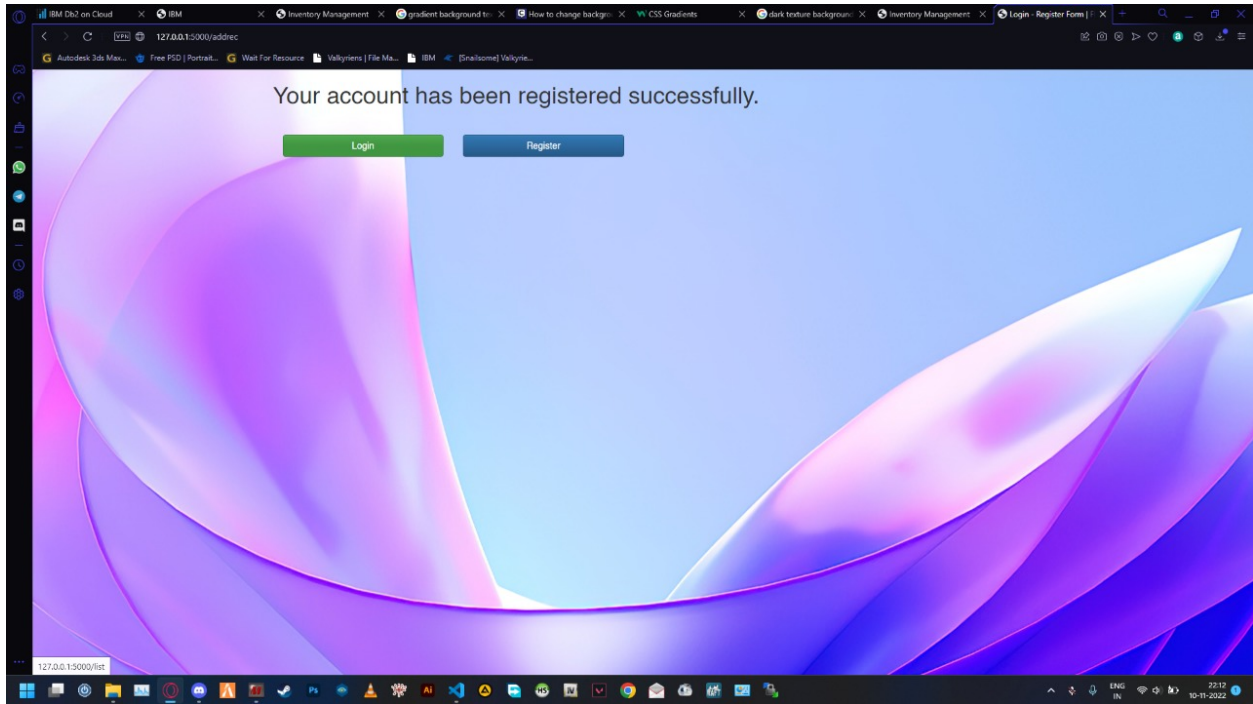
Top Screenshot: Login and Register buttons

Bottom Screenshot: Registration Form

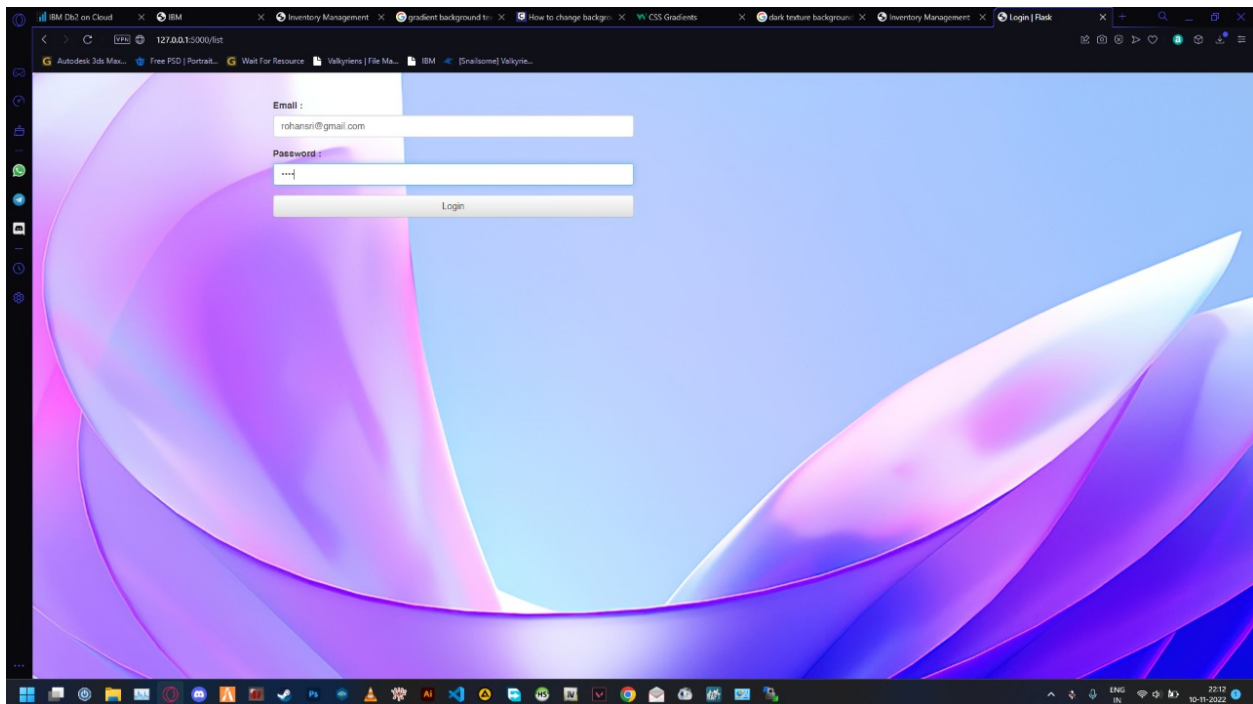
NAME :

EMAIL :

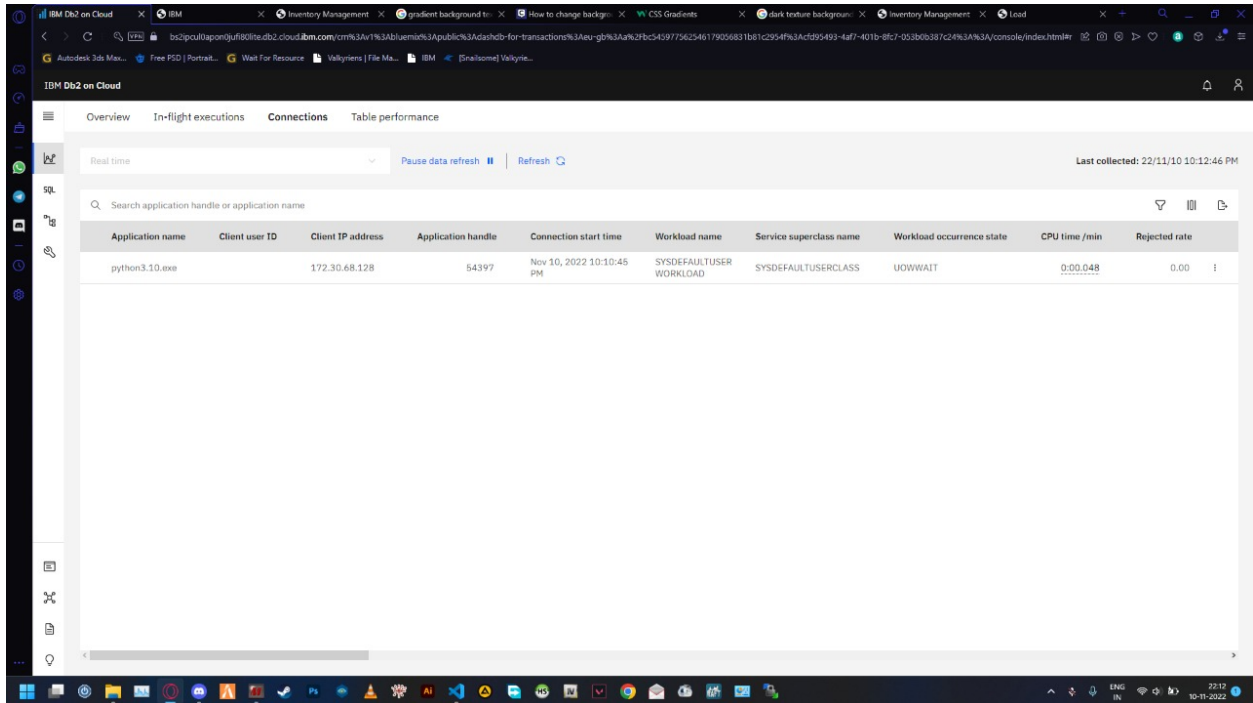
PASSWORD :



Login:

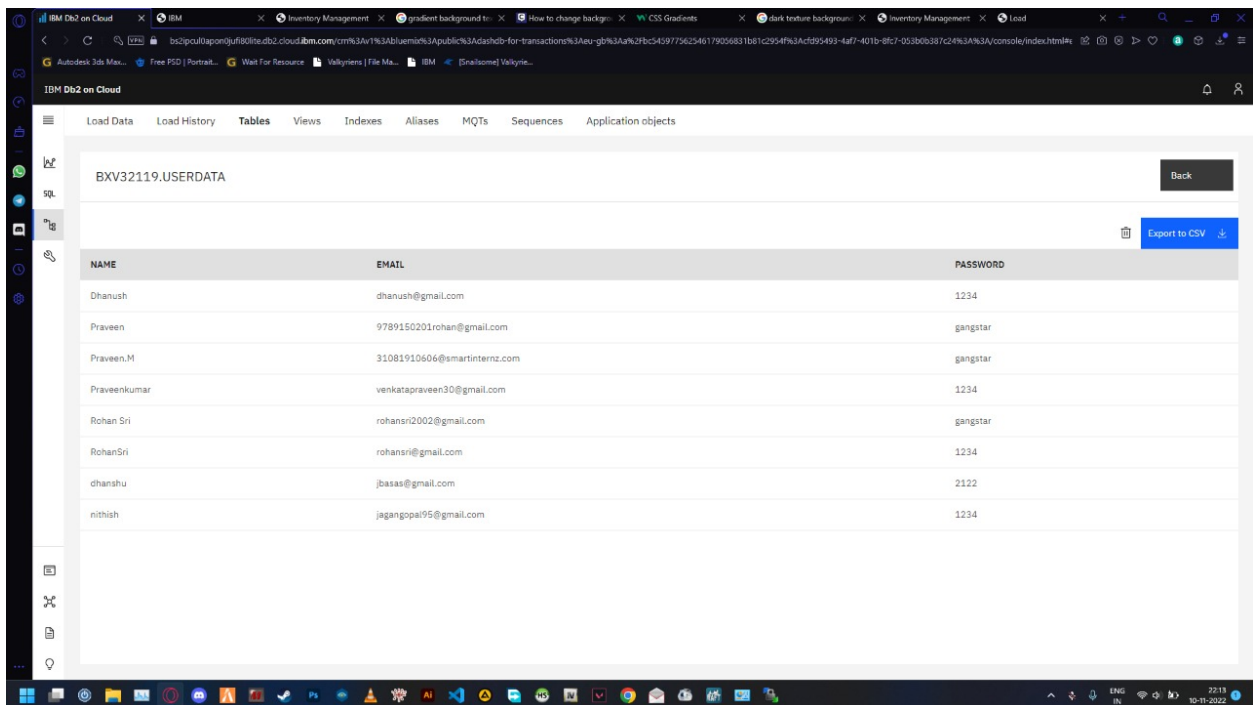


Data base:



The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes tabs for Overview, In-flight executions, Connections, and Table performance. The main content area displays a table of connections. The table has columns for Application name, Client user ID, Client IP address, Application handle, Connection start time, Workload name, Service superclass name, Workload occurrence state, CPU time /min, and Rejected rate. The data shows a single connection for python3.10.exe with a client IP of 172.30.68.128 and a connection start time of Nov 10, 2022 10:10:46 PM.

Application name	Client user ID	Client IP address	Application handle	Connection start time	Workload name	Service superclass name	Workload occurrence state	CPU time /min	Rejected rate
python3.10.exe		172.30.68.128	54397	Nov 10, 2022 10:10:46 PM	SYSDEFAULTUSER WORKLOAD	SYSDEFAULTUSERCLASS	UOWWAIT	0.00_048	0.00



The screenshot shows the IBM Db2 on Cloud console interface, specifically the Tables page. The table BXV32119.USERDATA is selected. The table has columns for NAME, EMAIL, and PASSWORD. The data shows a list of users with their email addresses and passwords.

NAME	EMAIL	PASSWORD
Dhanush	dhanush@gmail.com	1234
Praveen	9789150201rohan@gmail.com	gangstar
Praveen,M	31081910606@smartinternz.com	gangstar
Praveenkumar	venkatapraveen30@gmail.com	1234
Rohan Sri	rohansri2002@gmail.com	gangstar
RohanSri	rohansri@gmail.com	1234
dhanshu	jbassas@gmail.com	2122
nithish	jagangopal95@gmail.com	1234

Code:

```
app.py
1 from turtle import st
2 from flask import Flask, render_template, request, redirect, url_for, session
3 from markupsafe import escape
4
5 import os
6 from sendgrid import SendGridAPIClient
7 from sendgrid.helpers.mail import Mail
8
9 import ibm_db
10 conn = ibm_db.connect("DATABASE=bladb;HOSTNAME=55fbc997-9266-4331-af43-8828b5e734c9.bs21o90l08kqb1odlpg.databases.appdomain.cloud;PORT=31929;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;")
11 print ("Database connection established", conn)
12
13 app = Flask(__name__)
14
15
16 @app.route('/')
17 def home():
18     return render_template('home.html')
19 @app.route('/2')
20 def home2():
21     return render_template('home2.html')
22
23 @app.route('/addstudent')
24 def new_student():
25     return render_template('add_student.html')
26 @app.route('/list')
27 def list():
28     return render_template('list.html')
29
30 @app.route('/addrec', methods = ['POST', 'GET'])
31 def addrec():
32     if request.method == 'POST':
33
34         name = request.form['name']
35         email = request.form['email']
36         password = request.form['password']
37
38         sql = "SELECT * FROM userdata WHERE name=? "
39
```

```

38 sql = "SELECT * FROM userdata WHERE name=? "
39
40 stat = ibm_db.prepare(conn, sql)
41 ibm_db.bind_param(stat,1,name)
42 ibm_db.execute(stat)
43 account = ibm_db.fetch_assoc(stat)
44
45 if account:
46     return render_template('list.html', msg="You are already a user, please login using your details")
47 else:
48     insert_sql = "INSERT INTO userdata VALUES (?,?,?)"
49     prep_stat = ibm_db.prepare(conn, insert_sql)
50     ibm_db.bind_param(prep_stat, 1, name)
51     ibm_db.bind_param(prep_stat, 2, email)
52     ibm_db.bind_param(prep_stat, 3, password)
53
54     ibm_db.execute(prep_stat)
55
56     return render_template('home2.html', )
57
58
59
60
61 @app.route('/check', methods = ['POST', 'GET'])
62 def check():
63
64     if request.method == 'POST':
65
66         email = request.form['email']
67         password = request.form['password']
68
69         sql = "SELECT * FROM userdata WHERE email=? and password=?"
70         stat = ibm_db.prepare(conn, sql)
71         ibm_db.bind_param(stat,1,email)
72         ibm_db.bind_param(stat,2,password)
73
74         ibm_db.execute(stat)
75         account = ibm_db.fetch_assoc(stat)
76
77         if account:
```