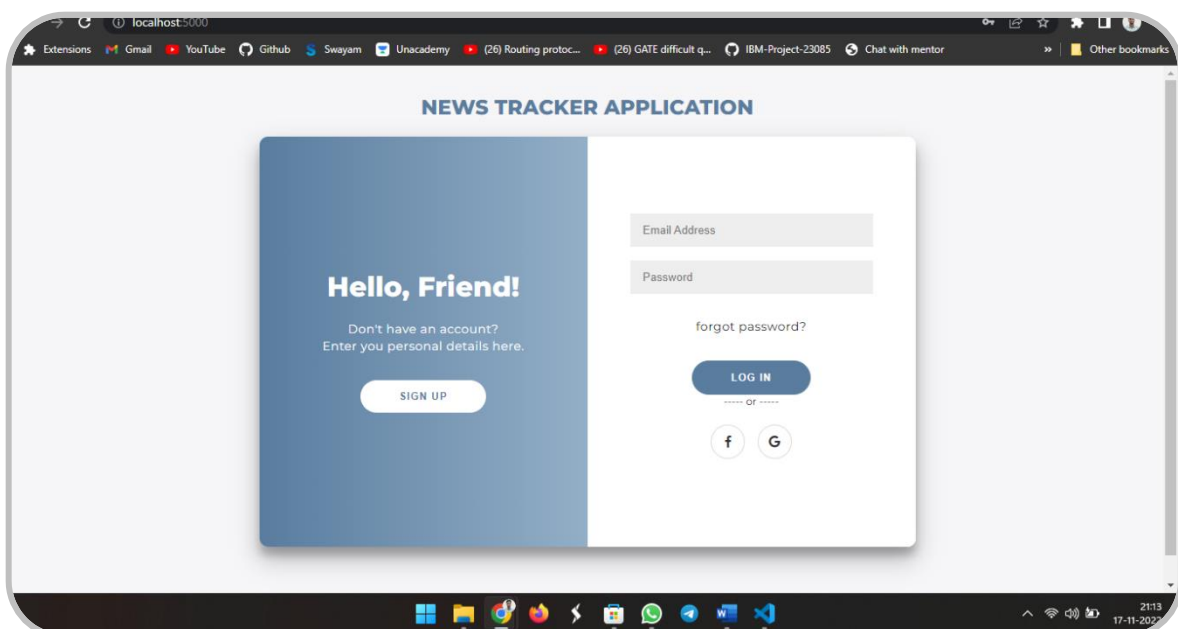
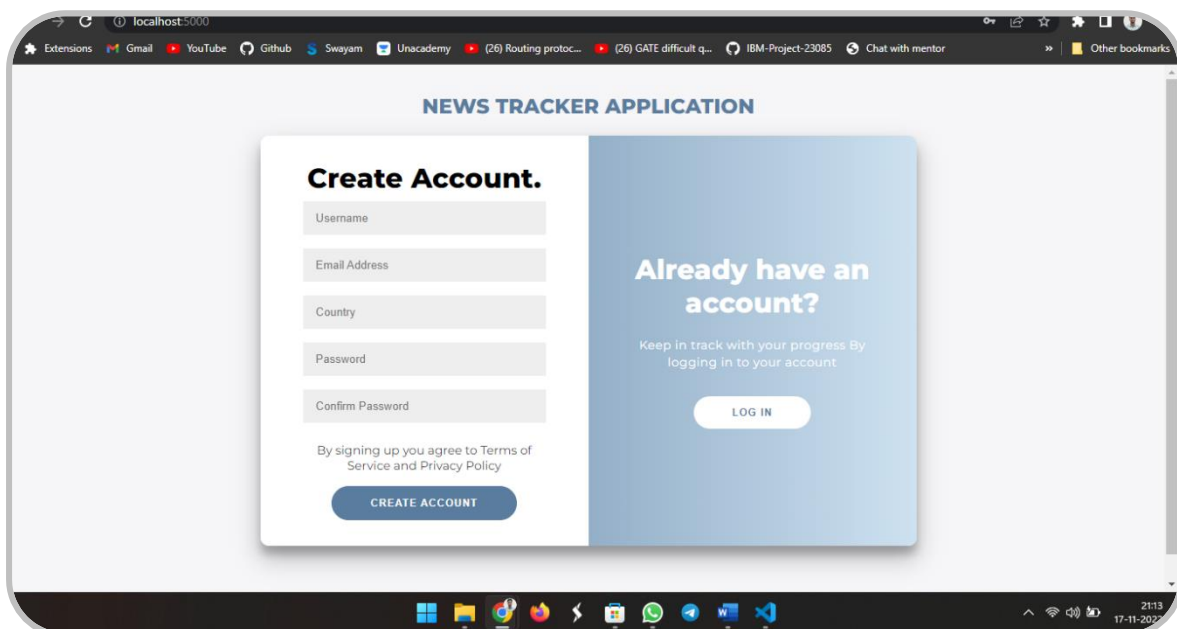


Creation	SPRINT 1
Team ID:	PNT2022TMID06749
Project Name	News Tracker Application

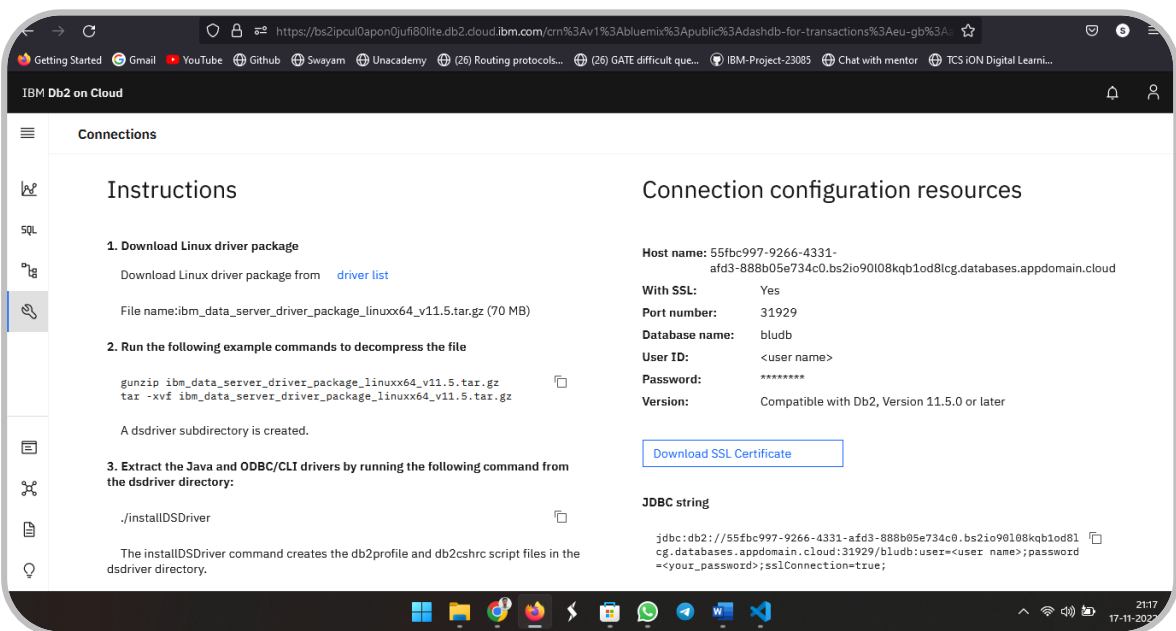
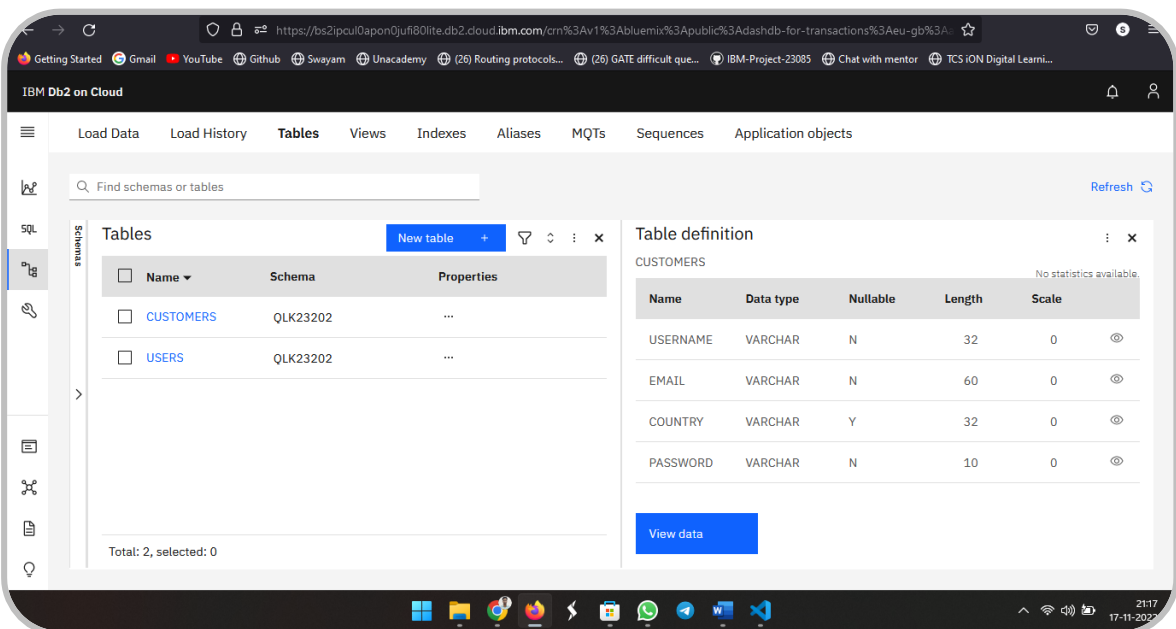
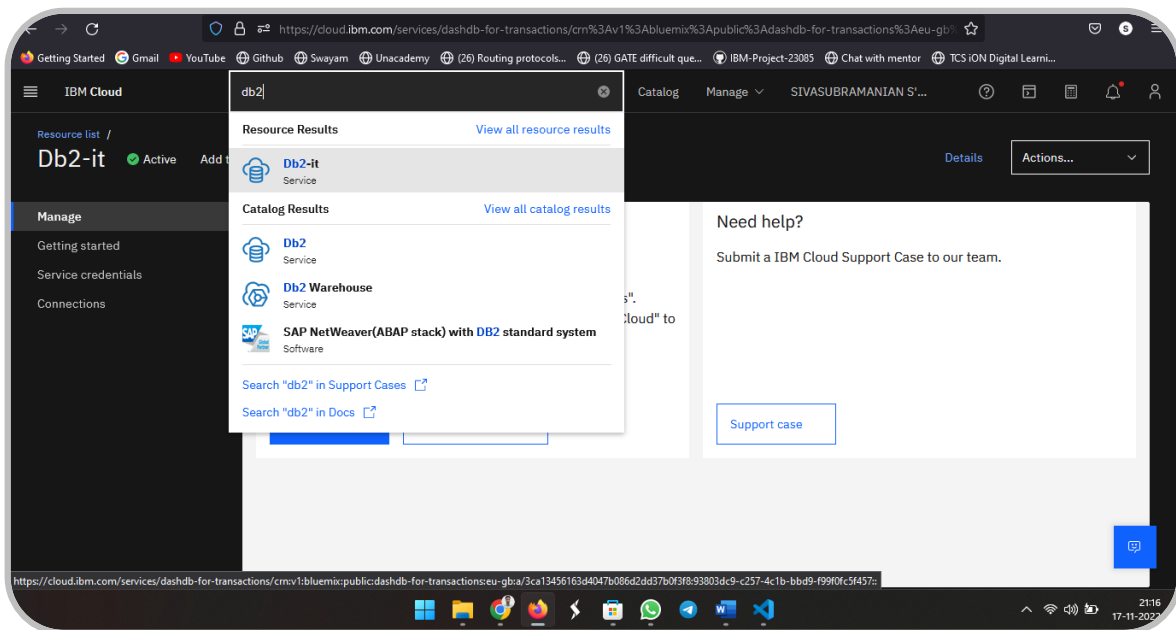
SPRINT-1

Login and Create account

Credentials authorized individual access using IBM db2 database. Here, the user needs to first sign up with his email-address and password and then login to access his account. Further, user needs to log in using his created account and access the application.



The Database used here is IBM db2 ad shown below:



Code for sign-in and sign-up :<app.py>

```
from flask import Flask, render_template, request, flash, redirect, url_for
import datetime
import ibm_db
con = ibm_db.connect("DATABASE=bludb;HOSTNAME=55fbc997-9266-4331-afd3-888b05e734c0.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=31929;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=qlk23202;PWD=VRhF1Qo0AHQQwX6f", '', '')
app = Flask(__name__)
@app.route('/')
def home():
    return render_template('signinUp.html')

@app.route("/addData", methods=["POST", "GET"])
def addData():
    if request.method == 'POST':
        try:
            name=request.form['name']
            mail=request.form['mmail']
            country=request.form['country']
            password=request.form['password']
            insert_sql="INSERT INTO customers values(?,?,?,?)"
            prep_stmt=ibm_db.prepare(con,insert_sql)
            ibm_db.bind_param(prepare_stmt,1,name)
            ibm_db.bind_param(prepare_stmt,2,mail)
            ibm_db.bind_param(prepare_stmt,3,country)
            ibm_db.bind_param(prepare_stmt,4,password)
            ibm_db.execute(prepare_stmt)
            return render_template("hello.html")
        except Exception as e:
            print("Exception : "+str(e))
        finally:
            return render_template("hello.html")

@app.route("/login", methods=["POST", "GET"])
def login():
    if request.method == 'POST':
        try:
            password=request.form['password']
            mail=request.form['mmail']
            sql = "SELECT * FROM customers"
            stmt = ibm_db.exec_immediate(con, sql)
            tuple = ibm_db.fetch_tuple(stmt)
            while tuple != False:
                if mail==tuple[1]:
                    checkpassw=tuple[3]
                    break
                tuple = ibm_db.fetch_tuple(stmt)

            if password==checkpassw:
                return redirect(url_for("dash"))
            else:
                # print("Wrong pwd")
                return render_template("hello_copy.html")
        except Exception as e:
            print("Exception : "+str(e))

if __name__ == '__main__':
    app.run(debug=True)
```

Sign-in and sign-up: [HTML file]:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>SignIn</title>
</head>
<body>
  <link rel="stylesheet" href="{{
url_for('static',filename='styles/signin_style.css') }}">
  <link
    rel="stylesheet"
    href="https://use.fontawesome.com/releases/v5.0.8/css/all.css"
  />
  <link rel="stylesheet" href="style.css">

  <!-- <h2 style="color:#5A7D9F;">News Tracker Application</h2> -->
  <h2 style="color:#5A7D9F;">NEWS TRACKER APPLICATION</h2>

  <div class="container" id="container">
    <div class="form-container sign-up-container">
      <form action="/login" method="post">
        <input type="email" placeholder="Email Address" name="mmail" required/>
        <input type="password" placeholder="Password" name="password"
required/>
        <p>forgot password?</p>
        <button type="submit">Log In</button>
        <h1></h1>
        <span>----- or -----</span>
        <div class="social-container">
          <a href="#" target="_blank" class="icon-facebook">
            <i class="fab fa-facebook-f"> </i>
          </a>
          <a href="#" target="_blank" class="icon-google">
            <i class="fab fa-google"> </i>
          </a>
        </div>
      </form>
    </div>
    <div class="form-container sign-in-container">
      <form action="/addData" method="post">
        <h1>Create Account.</h1>
        <!-- <span>Sign up to get started!</span> -->
        <input type="text" placeholder="Username" name="name" required/>
        <input type="email" placeholder="Email Address" name="mmail" required/>
        <input type="text" placeholder="Country" name="country" required/>
        <input type="password" placeholder="Password" name="password" required
maxlength="8" minlength="2"/>
        <input type="password" placeholder="Confirm Password" required
maxlength="8" minlength="2"/>
        <a href="#"
          >By signing up you agree to Terms of Service and Privacy Policy</a>
        <button type="submit">Create Account</button>
      </form>
    </div>
    <div class="overlay-container">
      <div class="overlay">
```

```
<div class="overlay-panel overlay-left">
  <h1>Hello, Friend!</h1>
  <p>
    Don't have an account? <br />
    Enter you personal details here.
  </p>
  <button class="ghost" id="signIn">Sign Up</button>
</div>
<div class="overlay-panel overlay-right">
  <h1>Already have an account?</h1>
  <p>Keep in track with your progress By logging in to your account</p>
  <button class="ghost" id="signUp">Log In</button>
</div>
</div>
</div>
<script>
  const signUpButton = document.getElementById("signUp");
  const signInButton = document.getElementById("signIn");
  const container = document.getElementById("container");

  signUpButton.addEventListener("click", () => {
    container.classList.add("right-panel-active");
  });

  signInButton.addEventListener("click", () => {
    container.classList.remove("right-panel-active");
  });
</script>

</body>
</html>
```