

## SPRINT - 1

DATE	29 October 2022
Team ID	PNT2022TMID19849
Project Name	Project-Personal Expense Tracker

### CODE :

#### Login.html

```
<!DOCTYPE html>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE-edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<html>

<head>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      width: 100vw;
      height: 100vh;
      background: linear-gradient(#141e30, #243b55, );
      font-family: sans-serif;
      overflow: hidden;
      background-image: url(money.jpg);
    }

    .main {
      position: absolute;
      top: 50%;
      left: 50%;
      transform: translate(-50%, -50%);
      padding: 1px;
      background: #0aeff0;
```

```
        box-shadow: 0 0 5px rgba(0 0 0 /.5), 0 0 25px rgba(0 0 0 /.5), 0 0 50px
        rgba(0 0 0 /.5), 0 0 100px #03e9f4;
    }
```

```
.login-box {
    width: 400px;
    padding: 40px;
    background: rgba(0 0 0 /.9);
    box-sizing: border-box;
    border-radius: 10px;
}
```

```
.login-box h2 {
    margin: 0 0 30px;
    padding: 0;
    color: #ffff;
    text-align: center;
}
```

```
.login-box .user-box {
    position: relative;
}
```

```
.login-box .user-box input {
    width: 100%;
    padding: 10px 0;
    font-size: 16px;
    color: #ffff;
    margin-bottom: 30px;
    border: none;
    border-bottom: 1px solid #ffff;
    outline: none;
    background: transparent;
}
```

```
.login-box .user-box label {
    position: absolute;
    top: 0;
    left: 0;
    padding: 10px 0;
    font-size: 16px;
    color: #ffff;
    pointer-events: none;
    transition: .5s;
```

```

}

.login-box .user-box input:focus~label,
.login-box .user-box input:valid~label {
    top: -20px;
    left: 0%;
    color: #03e9f4;
    font-size: 12px;
}

.check {
    font-size: 16px;
    color: #ffff;
    user-select: none;
}

.login-box form a {
    position: relative;
    display: inline-block;
    padding: 10px 20px;
    color: #03e9f4;
    font-size: 16px;
    text-decoration: none;
    text-transform: uppercase;
    overflow: hidden;
    transition: .5s;
    margin-top: 40px;
    letter-spacing: 4px;
}

.login-box a:hover {
    background: #03e9f4;
    color: #ffff;
    border-radius: 5px;
    box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0 0
100px #03e9f4;
}

.login-box a span {
    position: absolute;
    display: block;
}

.login-box a span:nth-child(1) {

```

```
top: 0;
left: -100%;
width: 100%;
height: 2px;
background: linear-gradient(90deg, transparent, #03e9f4);
animation: btn1 1s linear infinite;
}
```

```
@keyframes btn1 {
  0% {
    left: -100%;
  }

  50%,
  100% {
    left: 100%;
  }
}
```

```
.login-box a span:nth-child(2) {
  top: -100%;
  right: 0;
  width: 2px;
  height: 100%;
  background: linear-gradient(90deg, transparent, #03e9f4);
  animation: btn2 1s linear infinite;
  animation-delay: .25s;
}
```

```
@keyframes btn2 {
  0% {
    top: -100%;
  }

  50%,
  100% {
    top: 100%;
  }
}
```

```
.login-box a span:nth-child(3) {
  bottom: 0;
  right: -100%;
  width: 100%;
```

```
height: 2px;
background: linear-gradient(90deg, transparent, #03e9f4);
animation: btn3 1s linear infinite;
animation-delay: .5s;
}
```

```
@keyframes btn3 {
  0% {
    right: -100%;
  }

  50%,
  100% {
    right: 100%;
  }
}
```

```
.login-box a span:last-child {
  bottom: -100%;
  left: 0;
  width: 2px;
  height: 100%;
  background: linear-gradient(90deg, transparent, #03e9f4);
  animation: btn4 1s linear infinite;
  animation-delay: .75s;
}
```

```
@keyframes btn4 {
  0% {
    bottom: -100%;
  }

  50%,
  100% {
    bottom: 100%;
  }
}
```

</style>

<title>Login</title>  
</head>

<body>  
<div class="main">



```

    }
    else {
<!DOCTYPE html>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE-edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<html>

<head>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    body {
      width: 100vw;
      height: 100vh;
      background: linear-gradient(#141e30, #243b55, );
      font-family: sans-serif;
      overflow: hidden;
      background-image: url(money.jpg);
    }

    .main {
      position: absolute;
      top: 50%;
      left: 50%;
      transform: translate(-50%, -50%);
      padding: 1px;
      background: #0aeff0;
      box-shadow: 0 0 5px rgba(0 0 0 /.5), 0 0 25px rgba(0 0 0 /.5), 0 0 50px
      rgba(0 0 0 /.5), 0 0 100px #03e9f4;
    }

    .login-box {
      width: 400px;
      padding: 40px;
      background: rgba(0 0 0 /.9);
      box-sizing: border-box;
      border-radius: 10px;
    }

```

```
.login-box h2 {  
    margin: 0 0 30px;  
    padding: 0;  
    color: #ffff;  
    text-align: center;  
}
```

```
.login-box .user-box {  
    position: relative;  
}
```

```
.login-box .user-box input {  
    width: 100%;  
    padding: 10px 0;  
    font-size: 16px;  
    color: #ffff;  
    margin-bottom: 30px;  
    border: none;  
    border-bottom: 1px solid #ffff;  
    outline: none;  
    background: transparent;  
}
```

```
.login-box .user-box label {  
    position: absolute;  
    top: 0;  
    left: 0;  
    padding: 10px 0;  
    font-size: 16px;  
    color: #ffff;  
    pointer-events: none;  
    transition: .5s;  
}
```

```
.login-box .user-box input:focus~label,  
.login-box .user-box input:valid~label {  
    top: -20px;  
    left: 0%;  
    color: #03e9f4;  
    font-size: 12px;  
}
```

```
.check {
```



```

    font-size: 16px;
    color: #ffff;
    user-select: none;
}

.login-box form a {
    position: relative;
    display: inline-block;
    padding: 10px 20px;
    color: #03e9f4;
    font-size: 16px;
    text-decoration: none;
    text-transform: uppercase;
    overflow: hidden;
    transition: .5s;
    margin-top: 40px;
    letter-spacing: 4px;
}

.login-box a:hover {
    background: #03e9f4;
    color: #ffff;
    border-radius: 5px;
    box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0 0
100px #03e9f4;
}

.login-box a span {
    position: absolute;
    display: block;
}

.login-box a span:nth-child(1) {
    top: 0;
    left: -100%;
    width: 100%;
    height: 2px;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: btn1 1s linear infinite;
}

@keyframes btn1 {
    0% {
        left: -100%;
    }

```

```

    }

    50%,
    100% {
        left: 100%;
    }
}

.login-box a span:nth-child(2) {
    top: -100%;
    right: 0;
    width: 2px;
    height: 100%;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: btn2 1s linear infinite;
    animation-delay: .25s;
}

@keyframes btn2 {
    0% {
        top: -100%;
    }

    50%,
    100% {
        top: 100%;
    }
}

.login-box a span:nth-child(3) {
    bottom: 0;
    right: -100%;
    width: 100%;
    height: 2px;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: btn3 1s linear infinite;
    animation-delay: .5s;
}

@keyframes btn3 {
    0% {
        right: -100%;
    }
}

```

```

        50%,
        100% {
            right: 100%;
        }
    }

.login-box a span:last-child {
    bottom: -100%;
    left: 0;
    width: 2px;
    height: 100%;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: btn4 1s linear infinite;
    animation-delay: .75s;
}

@keyframes btn4 {
    0% {
        bottom: -100%;
    }

    50%,
    100% {
        bottom: 100%;
    }
}
</style>

```

```

<title>Login</title>
</head>

<body>
    <div class="main">
        <div class="login-box">
            <form action="{{ url_for('logout') }}" method="post"></form>
            <h2>Login</h2>
            <form>
                <div class="user-box">
                    <input type="text" name="email" required>
                    <label>Email</label>
                </div>
                <div class="user-box">
                    <input type="password" name="password" class="password" required>
                    <label>Password</label>
                </div>
            </form>
        </div>
    </div>

```

[illegible]

```

    })
  }
</script>
</body>
</html>

```

**register.html**

```
<!DOCTYPE html>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<html>
```

```
<head>
<style>
  * {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
  }

  body {
    width: 100vw;
    height: 100vh;
    background: linear-gradient(#141e30, #243b55, );
    font-family: sans-serif;
    overflow: hidden;
    background-image: url(money.jpg);
  }

  .main {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    padding: 1px;
    background: #0aeff0;
    box-shadow: 0 0 5px rgba(0 0 0 /.5), 0 0 25px rgba(0 0 0 /.5), 0 0 50px
    rgba(0 0 0 /.5), 0 0 100px #03e9f4;
  }

```

```
.login-box {  
    width: 400px;  
    padding: 40px;  
    background: rgba(0 0 0 /.9);  
    box-sizing: border-box;  
    border-radius: 10px;  
}
```

```
.login-box h2 {  
    margin: 0 0 30px;  
    padding: 0;  
    color: #ffff;  
    text-align: center;  
}
```

```
.login-box .user-box {  
    position: relative;  
}
```

```
.login-box .user-box input {  
    width: 100%;  
    padding: 10px 0;  
    font-size: 16px;  
    color: #ffff;  
    margin-bottom: 30px;  
    border: none;  
    border-bottom: 1px solid #ffff;  
    outline: none;  
    background: transparent;  
}
```

```
.login-box .user-box label {  
    position: absolute;  
    top: 0;  
    left: 0;  
    padding: 10px 0;  
    font-size: 16px;  
    color: #ffff;  
    pointer-events: none;
```

```

        transition: .5s;
    }

    .login-box .user-box input:focus~label,
    .login-box .user-box input:valid~label {
        top: -20px;
        left: 0%;
        color: #03e9f4;
        font-size: 12px;
    }

    .check {
        font-size: 16px;
        color: #ffff;
        user-select: none;
    }

    .login-box form a {
        position: relative;
        display: inline-block;
        padding: 10px 20px;
        color: #03e9f4;
        font-size: 16px;
        text-decoration: none;
        text-transform: uppercase;
        overflow: hidden;
        transition: .5s;
        margin-top: 40px;
        letter-spacing: 4px;
    }

    .login-box a:hover {
        background: #03e9f4;
        color: #ffff;
        border-radius: 5px;
        box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0
0 100px #03e9f4;
    }

    .login-box a span {

```

```
position: absolute;
display: block;
}
```

```
.login-box a span:nth-child(1) {
  top: 0;
  left: -100%;
  width: 100%;
  height: 2px;
  background: linear-gradient(90deg, transparent, #03e9f4);
  animation: btn1 1s linear infinite;
}
```

```
@keyframes btn1 {
  0% {
    left: -100%;
  }

  50%,
  100% {
    left: 100%;
  }
}
```

```
.login-box a span:nth-child(2) {
  top: -100%;
  right: 0;
  width: 2px;
  height: 100%;
  background: linear-gradient(90deg, transparent, #03e9f4);
  animation: btn2 1s linear infinite;
  animation-delay: .25s;
}
```

```
@keyframes btn2 {
  0% {
    top: -100%;
  }

  50%,
```



```
100% {  
    top: 100%;  
}  
}
```

```
.login-box a span:nth-child(3) {  
    bottom: 0;  
    right: -100%;  
    width: 100%;  
    height: 2px;  
    background: linear-gradient(90deg, transparent, #03e9f4);  
    animation: btn3 1s linear infinite;  
    animation-delay: .5s;  
}
```

```
@keyframes btn3 {  
    0% {  
        right: -100%;  
    }  
  
    50%,  
    100% {  
        right: 100%;  
    }  
}
```

```
.login-box a span:last-child {  
    bottom: -100%;  
    left: 0;  
    width: 2px;  
    height: 100%;  
    background: linear-gradient(90deg, transparent, #03e9f4);  
    animation: btn4 1s linear infinite;  
    animation-delay: .75s;  
}
```

```
@keyframes btn4 {  
    0% {  
        bottom: -100%;  
    }  
}
```

```

        50%,
        100% {
            bottom: 100%;
        }
    }
</style>

<title>Register</title>
</head>

<body>

<div class="main">
    <div class="login-box">
        <form action="{{ url_for('register') }}" method="post">
            <h2>Register</h2>

            <div class="msg">{{ msg }}</div>
            <div class="user-box">
                <input type="text" name="name" class="name" required>
                <label>Username</label>
            </div>
            <div class="user-box">
                <input type="text" name="email" class="email" required>
                <label>Email</label>
            </div>

            <div class="user-box">
                <input type="text" class="age" name="age" required>
                <label>Age</label>
            </div>
            <div class="user-box">
                <input type="text" class="income" name="income" required>
                <label>Income</label>
            </div>
            <div class="user-box">
                <input type="password" class="password" name="password"
required>
                <label>Password</label>
            </div>
        </form>
    </div>
</div>

```

```

        </div>
        <div class="user-box">
            <input type="password" class="cpassword" name="cpassword"
required>
            <label>Confirm Password</label>
        </div>
        <a href="">
            <span></span>
            <span></span>
            <span></span>
            <span></span>
            REGISTER</a>
    </form>

</div>
</div>

</body>

</html>

```

### app.py

```

from flask import Flask, render_template, request, redirect, url_for, session
import ibm_db
import re
app = Flask(__name__)
app.secret_key = 'a'
conn =
ibm_db.connect("DATABASE=bludb;HOSTNAME=6667d8e9-9d4d-4ccb-ba32
-21da3bb5aafc.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30
376;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=p
ht72647;PWD=IILWoOw2JKv8XKkj","")
@app.route('/')
def home():
    return render_template('login.html')
@app.route('/login', methods=['GET', 'POST'])
def login():
    global userid
    msg = "

```

```
if request.method == 'POST' and 'email' in request.form and 'password' in request.form:
```

```
    email = request.form['email']
```

```
    password = request.form['password']
```

```
    stmt = ibm_db.prepare(conn, 'SELECT * FROM user WHERE email = ? AND password = ?')
```

```
    ibm_db.bind_param(stmt, 1, email)
```

```
    ibm_db.bind_param(stmt, 2, password)
```

```
    ibm_db.execute(stmt)
```

```
    account = ibm_db.fetch_assoc(stmt)
```

```
    if account:
```

```
        session['loggedin'] = True
```

```
        session['email'] = account['EMAIL']
```

```
        msg = 'Logged in successfully !'
```

```
        return render_template('index.html', msg = msg)
```

```
    else:
```

```
        msg = 'Incorrect username / password !'
```

```
    return render_template('login.html', msg = msg)
```

```
@app.route('/logout')
```

```
def logout():
```

```
    session.pop('loggedin', None)
```

```
    session.pop('id', None)
```

```
    session.pop('email', None)
```

```
    return redirect(url_for('login'))
```

```
@app.route('/register', methods=['GET', 'POST'])
```

```
def register():
```

```
    msg = "
```

```
    if request.method == 'POST':
```

```
        name = request.form['name']
```

```
        email = request.form['email']
```

```
        age = request.form['age']
```

```
        income = request.form['income']
```

```
        password = request.form['password']
```

```
        cpassword = request.form['cpassword']
```

```
        sql = "SELECT * FROM user WHERE email = ? "
```

```
        stmt = ibm_db.prepare(conn, sql)
```

```
        ibm_db.bind_param(stmt, 1, email)
```

```
        ibm_db.execute(stmt)
```

```
        account = ibm_db.fetch_assoc(stmt)
```

```
        print(account)
```

```

if account:
    msg = 'Account already exists !'
elif not re.match(r'^[@]+@[^@]+\.[^@]+', email):
    msg = 'Invalid email address !'
elif not re.match(r'[A-Za-z0-9]+', name):
    msg = 'Username must contain only characters and numbers !'
elif not email or not password or not email:
    msg = 'Please fill out the form !'
else:
    insert_sql = "INSERT INTO user VALUES (?, ?, ?, ?, ?, ?)"
    stmt = ibm_db.prepare(conn, insert_sql)
    ibm_db.bind_param(stmt, 1, name)
    ibm_db.bind_param(stmt, 2, email)
    ibm_db.bind_param(stmt, 3, age)
    ibm_db.bind_param(stmt, 4, income)
    ibm_db.bind_param(stmt, 5, password)
    ibm_db.bind_param(stmt, 6, cpassword)
    ibm_db.execute(stmt)
    msg = 'You have successfully registered !'
elif request.method == 'POST':
    msg = 'Please fill out the form !'
    return render_template('register.html', msg = msg)
if __name__ == '__main__':
    app.run(debug = True)

```

**OUTPUT:**



## Login

Email

Password

☐ Show Password

[SIGN IN](#) [SIGN UP](#)



## Login

Email

@gmail.com

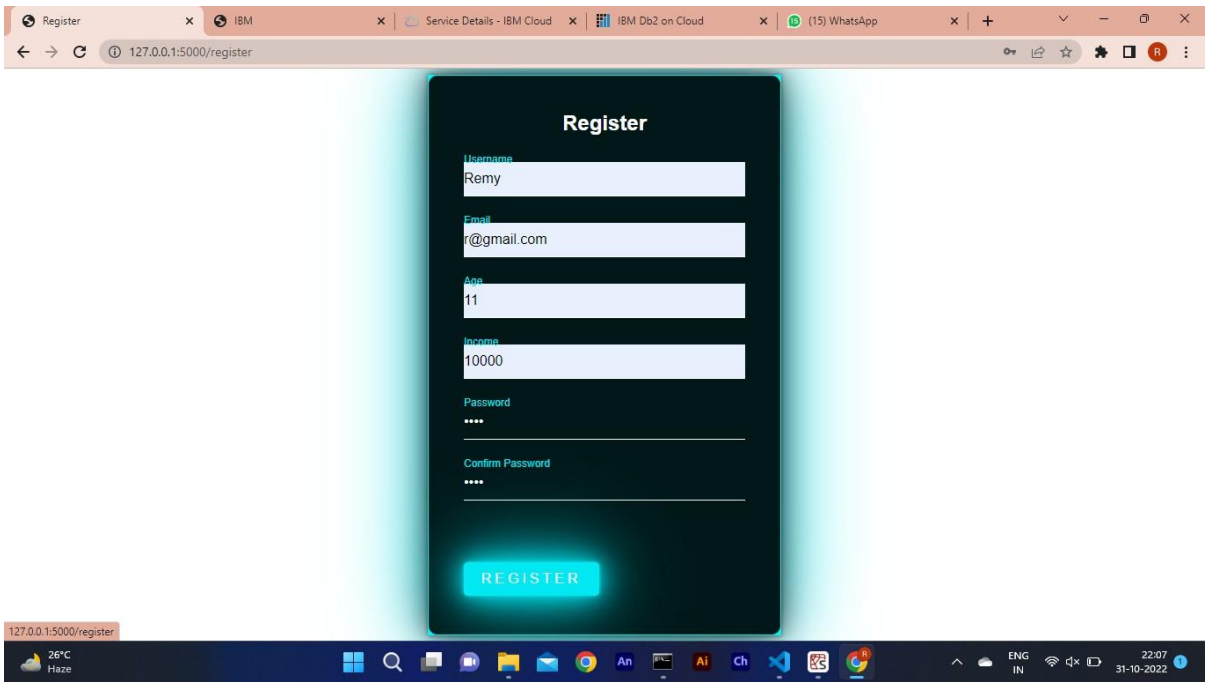
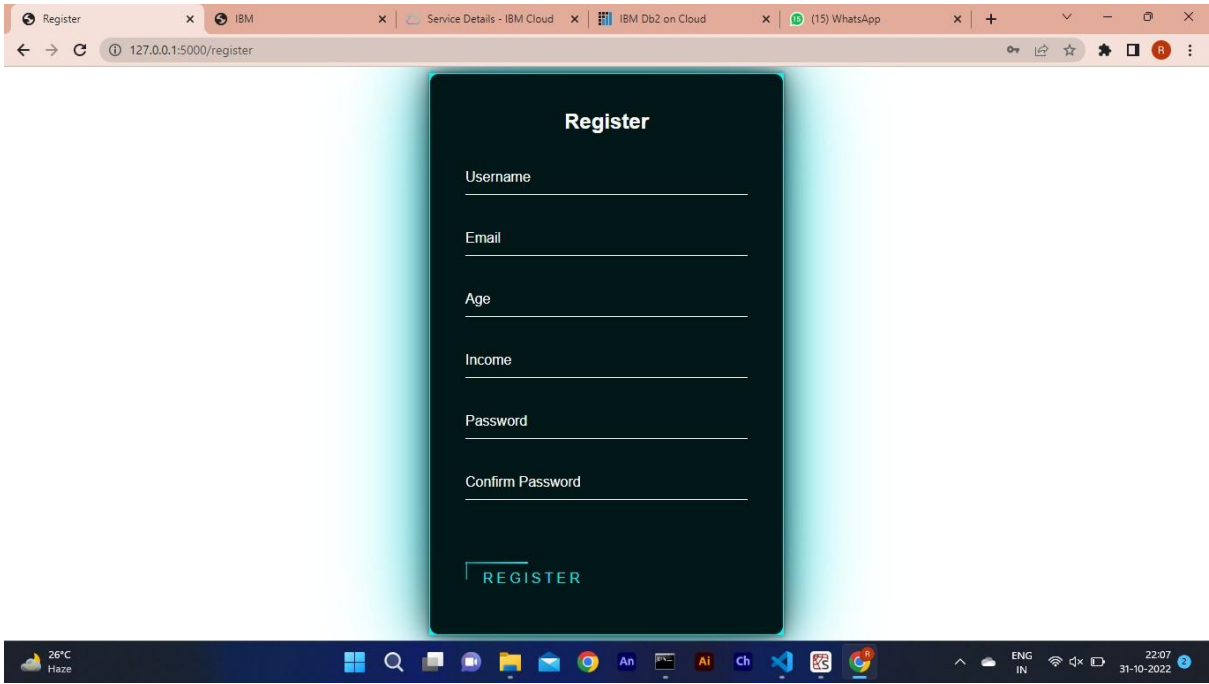
Password

....

☐ Show Password

[SIGN IN](#) [SIGN UP](#)





IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTsSequencesApplication objects

PHT72647.USER

Back

Export to CSV

NAME	EMAIL	AGE	INCOME	PASSWORD	CPASSWORD
Remy	r@gmail.com	11	10000	remy	remy
josh	josh@gmail.com	23	23344	JOSH	JOSH

26°C  
Haze

ENG  
IN22:15  
31-10-2022