

## Assignment -2

### Flask Application with Database Connectivity

#### Question:

1. Create a Flask App
2. Add the Home page, About Page
3. Add the Bootstrap
4. Add the Sign in page and App the Signup Page + database connectivity

#### Solution:

##### App.py

```
import sqlite3

from turtle import st

from flask import Flask, render_template, url_for, request, redirect, session, flash

from markupsafe import escape

from flask_sqlalchemy import SQLAlchemy

import ibm_db

conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=764264db-9824-4b7c-82df-40d1b13897c2.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=32536;SECURITY=SSL;SSLS
erverCertificate=DigiCertGlobalRootCA.crt;UID=gnt07311;PWD=UhuICAYn7uydIC4p",",")

print(conn)

print("connection successful...")

app = Flask(__name__)    #The variable __name__ is passed as first argument when creating an
instance of the Flask object

db = SQLAlchemy(app) #object creation for DB'''

app.secret_key = "abc"

@app.route('/')

def index():

    return render_template('signUp.html')

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

def signUp():
```

```

if request.method == 'POST':

    first_name = request.form['first_name']

    last_name = request.form['last_name']

    email = request.form['email']

    password = request.form['password']

    user_type = "Admin"

    sql = "SELECT * FROM User WHERE FirstName = ?"

    stmt = ibm_db.prepare(conn, sql)

    ibm_db.bind_param(stmt, 1, first_name)

    ibm_db.execute(stmt)

    account = ibm_db.fetch_assoc(stmt)

    print("signup")

    if account:

        print("account")

        flash("You are already a member, Please login using your details")

        return render_template('login.html', msg = "You are already a member, Please login using
your details")

    else:

        insert_sql = "INSERT INTO User VALUES(?,?,?,?)"

        prep_stmt = ibm_db.prepare(conn, insert_sql)

        ibm_db.bind_param(prepare_stmt, 1, first_name)

        ibm_db.bind_param(prepare_stmt, 2, last_name)

        ibm_db.bind_param(prepare_stmt, 3, email)

        ibm_db.bind_param(prepare_stmt, 4, password)

        ibm_db.bind_param(prepare_stmt, 5, user_type)

        ibm_db.execute(prepare_stmt)

        print("Inserted")

        flash("you are successfully signed in")

        return render_template('home.html')

    else:

        return render_template('login.html', msg = "You are already a member, Please login using your
details")

```

```

@app.route('/logIn', methods = ['POST', 'GET'])
def logIn():
    if request.method == 'POST':
        email = request.form['email']
        password = request.form['password']
        sql = "SELECT * FROM User WHERE Email = ? AND Password = ?"
        stmt = ibm_db.prepare(conn, sql)
        ibm_db.bind_param(stmt, 1, email)
        ibm_db.bind_param(stmt, 2, password)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_assoc(stmt)
        print(account)
        if(account):
            flash("You are successfully logged in")
            return render_template('home.html')
        else:
            flash("Email or password entered is incorrect")
            return render_template('logIn.html', msg = "Incorrect email or password")
        else:
            return render_template('logIn.html', msg = "You are already a member, Please login using your details")

@app.route('/emp')
def emp():
    return render_template('emp.html')

@app.route('/aboutus')
def aboutus():
    return render_template('aboutUs.html')

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

signUp.html
<!DOCTYPE html>

```

```
<html lang="en" dir="ltr">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Sign Up</title>

  <!-- Bootstrap -->

  <link

    href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css"

    rel="stylesheet"

    integrity="sha384-
KyZXEAg3QhqLMpG8r+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZ0J3BCsw2P0p/We"

    crossorigin="anonymous"

  />

  <!-- Bootstrap Scripts -->

  <script

    src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"

    integrity="sha384-U1DAWAznBHeqElIVScgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"

    crossorigin="anonymous"

  ></script>

  <!-- Font Awesome -->

  <link

    rel="stylesheet"

    href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.4/css/all.min.css"

    integrity="sha512-LtJ494E559Ww9B7mB47v15D4qGE7VX3s8KvQVx3V8q6MGwRj0ab6qBRCjzkBrWwq6PCp68QhK7E7q85w=="

    crossorigin="anonymous"

    referrerpolicy="no-referrer"

  />

  <!-- Google Fonts -->

  <link rel="preconnect" href="https://fonts.googleapis.com" />
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />

<link
  href="https://fonts.googleapis.com/css2?family=Ubuntu:wght@300;400;500;700&display=swap"
  rel="stylesheet"
/>

<!-- CSS -->

<link rel="stylesheet" href="{{ url_for('static',filename='css/signUp.css') }}" />

<script type = "text/javascript">
    // alert("{% for message in messages %}{{message}}{% endfor %}");
    // Form validation code will come here.
    function validate()
    {
        if( document.myForm.first_name.value == "" ) {
            alert( "Please provide your First name!" );
            document.myForm.first_name.focus() ;
            return false;
        }
        if( document.myForm.last_name.value == "" ) {
            alert( "Please provide your Last name!" );
            document.myForm.last_name.focus() ;
            return false;
        }
        if( document.myForm.email.value == "" ) {
            alert( "Please provide your Email!" );
            document.myForm.email.focus() ;
            return false;
        }
        if( document.myForm.password.value == "" ) {
            alert( "Please provide your Password!" );
            document.myForm.password.focus() ;
            return false;
        }
    }
}
```

```

    }

    if( document.myForm.password1.value == "" ) {

        alert( "This Field cannot be empty" );

        document.myForm.password1.focus() ;

        return false;

    }

    if( document.myForm.password.value != document.myForm.password1.value) {

        alert( "Passwords does not match" );

        return false;

    }

    return( true );

}

</script>
</head>
<body>
<div class="signUp">
<div class="container-well container-shadow">
<div class="container flex-container">
<div class="left-content d-flex flex-column">
<div class="image">

</div>
</div>
<div class="form mt-4 mb-4">
<form action = "{{url_for('signUp')}}" name = "myForm" method = "POST" onsubmit =
"return(validate());">
<div class="row">
<div class="col-xl-6">
<div class="mb-3">
<label class="form-label" >First Name</label>
<input type="text" class="form-control" name="first_name">

```

```

    </div>
</div>
<div class="col-xl-6">
    <div class="mb-3">
        <label class="form-label" >Last Name</label>
        <input type="text" class="form-control" name="last_name">
    </div>
</div>
</div>
<div class="mb-3">
    <label class="form-label" >Email</label>
    <input type="email" class="form-control" name="email">
</div>
<div class="mb-3">
    <label class="form-label" >Password</label>
    <input type="password" class="form-control" name="password">
</div>
<div class="mb-3">
    <label class="form-label" >Confirm Password</label>
    <input type="password" class="form-control" name="password1">
</div>
    <input type="submit" class="btn btn-blue mt-2" value="Sign Up">
</form>
<br>
<div class="d-flex flex-row">
    Already have an account ?
    <div>
        <a class="ms-1" href="/login">Log In</a>
    </div>
</div>
{% with messages = get_flashed_messages() %}

```

```

    {% if messages %}

    {% for message in messages %}

        <p>{{ message }}</p>

    {% endfor %}

    {% endif %}

    {% endwith %}

</div>

</div>

</div>

</div>

</body>

</html>

```

### login.html

```

{% extends 'base.html' %}

{% block head %}

<!-- CSS -->

<link rel="stylesheet" href="{{ url_for('static',filename='css/login.css') }}" />

{% endblock %}

{% block body %}

<div class="login">

    <div class="container-well container-shadow">

        <div class="container flex-container">

            <div class="left-content d-flex flex-column">

                <div class="image">

                    

                </div>

            </div>

            <div class="form mt-4 mb-4">

                <form action = "{{url_for('login')}}" method = "POST">

                    <div class="mb-3">

```



```

        <label class="form-label">Email</label>

        <input type="email" class="form-control" name="email">

    </div>

    <div class="mb-3">

        <label class="form-label">Password</label>

        <input type="password" class="form-control" name="password">

    </div>

    <button type="submit" class="btn btn-blue mt-2">Log In</button>

</form>

<br>

<div class="d-flex flex-row">

    Don't have an account ?

    <div>

        <a class="ms-1" href="/">Sign Up</a>

    </div>

</div>

{% with messages = get_flashed_messages() %}

{% if messages %}

    {% for message in messages %}

        <p style="color: red;">{{ message }}</p>

    {% endfor %}

{% endif %}

{% endwith %}

</div>

</div>

</div>

</div>

{% endblock %}

```

**home.html**

```
{% extends 'base.html' %}
```

```

{% block head %}

<!-- CSS -->

<link rel="stylesheet" href="{{ url_for('static',filename='css/home.css') }}" />

{% endblock %}

{% block body %}

<div class="logIn">

    <div class="container-well container-shadow">

        <div class="container nike buttons">

            <a class="btn-hover color-1">SUPPLIER</a>

            <a class="btn-hover color-1">CATEGORY</a>

            <a class="btn-hover color-1">PRODUCT</a>

            <a class="btn-hover color-1">SALE</a>

            <a class="btn-hover color-1" href="aboutus">ABOUT US</a>

            <a class="btn-hover color-1">EXIT</a>

        </div>

    </div>

<div class="box">

    <h1 class="text-primary" style="text-align: center; font-family: fantasy;">HOME PAGE</h1>

    <!-- {% with messages = get_flashed_messages() %}

        {% if messages %}

            {% for message in messages %}

                <p>{{ message }}</p>

            {% endfor %}

        {% endif %}

    {% endwith %} -->

    <div class="row1 d-flex justify-content-between">

        <div class="card border-primary mb-4">

            <div class="card-body text-primary">

                <h5 class="card-title text-center">TOTAL EMPLOYEE</h5>

            </div>

        </div>

    </div>

```

```

<div class="card border-primary mb-4">
  <div class="card-body text-primary">
    <h5 class="card-title text-center">TOTAL SUPPLIER</h5>
  </div>
</div>

<div class="card border-primary mb-4">
  <div class="card-body text-primary">
    <h5 class="card-title text-center">TOTAL CATEGORY</h5>
  </div>
</div>
</div>

<div class="row1 d-flex justify-content-around">
  <div class="card border-primary mb-4">
    <div class="card-body text-primary">
      <h5 class="card-title text-center">TOTAL PRODUCT</h5>
    </div>
  </div>

  <div class="card border-primary mb-4">
    <div class="card-body text-primary">
      <h5 class="card-title text-center">TOTAL SALES</h5>
    </div>
  </div>
</div>

<!-- <div class="row1 d-flex justify-content-center">
  <div>    -->
</div>
</div>

{% endblock %}

```

**emp.html**

```
{% extends 'base.html' %}
```

```
{% block head %}

<link rel="stylesheet" href="{{ url_for('static',filename='css/emp.css') }}" />

{% endblock %}

{% block body %}

<form id="ft-form" method="POST">

    <fieldset>

        <legend style="text-align: center; font-size: 2rem;">DETAILS</legend>

        <div class="two-cols">

            <label>

                First name *

                <input type="text" name="First name" required>

            </label>

            <label>

                Last name *

                <input type="text" name="Last name" required>

            </label>

        </div>

        <div class="two-cols">

            <label>

                Employee ID

                <input type="text" name="empid">

            </label>

            <label>

                Date of birth

                <input type="date" name="Date of birth">

            </label>

        </div>

        <label>

            Address

            <input type="text" name="Address">

        </label>

    </fieldset>

</form>

{% endblock %}
```

```

<div class="two-cols">

  <label>

    ZIP Code

    <input type="text" name="ZIP">

  </label>

  <label>

    City

    <input type="text" name="City">

  </label>

</div>

<div class="two-cols">

  <label>

    Phone *

    <input type="tel" name="Phone" required>

  </label>

  <label>

    Email address *

    <input type="email" name="Email" required>

  </label>

</div>

</fieldset>

<div class="btns">

  <input type="text" name="_gotcha" value="" style="display:none;">

  <input type="submit" value="Submit application">

</div>

</form>

{% endblock %}

```

**base.html**

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Log In</title>

  <!-- Bootstrap -->

  <link

    href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/css/bootstrap.min.css"

    rel="stylesheet"

    integrity="sha384-

KyZXEAg3QhqLMpG8r+8fhAXLRk2vvoC2f3B09zVXn8CA5QIVfZ0J3BCsw2P0p/We"

    crossorigin="anonymous"

  />

  <!-- Bootstrap Scripts -->

  <script

    src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.0/dist/js/bootstrap.bundle.min.js"

    integrity="sha384-U1DAWAznBHeqElIVScgzq+c9gqGAJn5c/t99JyeKa9xxaYpSvHU5awsuZVVFIhvj"

    crossorigin="anonymous"

  ></script>

  <!-- Font Awesome -->

  <link

    rel="stylesheet"

    href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-free@5.15.4/css/all.min.css"

    integrity="sha512-Lv8i/Af9gnKytqTAmnEjshY1WzyU/IKtAcW1p/CLTDuPJCElfyrG5I/4Yf7JlPlmEgQ"

    crossorigin="anonymous"

    referrerpolicy="no-referrer"

  />

  <!-- Google Fonts -->

  <link rel="preconnect" href="https://fonts.googleapis.com" />

  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />
```

```

<link
    href="https://fonts.googleapis.com/css2?family=Ubuntu:wght@300;400;500;700&display=swap"
    rel="stylesheet"
/>
{% block head %}{% endblock %}
</head>
<body>
    {% block body %}{% endblock %}
</body>
</html>

```

### **aboutUs.html**

```

{% extends 'base.html' %}
{% block head %}
<!-- CSS -->
<link rel="stylesheet" href="{{ url_for('static',filename='css/aboutUs.css') }}" />
{% endblock %}
{% block body %}
<div class="outercont">
    <div class="cont">
        <div class="textcont">
            <h2>Inventory Management System</h2>
            <p>Our Inventory Management Software is designed to streamline your processes and
increase profits.</p>
        </div>
        <div class="othercont">
            <div class="leftcont">
                <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Min/Max Stock
Levels</div>
                <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Multiple Stores</div>
                <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Inventory
Valuation</div>
            </div>
        </div>
    </div>
</div>

```

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Inventory  
Rejected/Dead Stock</div>

</div>

<div class="rightcont">

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Negative Stock  
Restriction </div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Barcode Tracking</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Auto Stock  
Adjustment</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Physical Stock  
Reconciliation</div>

</div>

</div>

</div>

<div class="cont">

<div class="textcont">

<h2>Sales & Purchase</h2>

<p>Manage sales and purchase orders, create invoices, and E-way bills from a single order  
management system.</p>

</div>

<div class="othercont">

<div class="leftcont">

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Order  
Confirmation</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Purchase Order</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Inward/GRN  
Register</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> E-Way Bill</div>

</div>

<div class="rightcont">

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Sales Order </div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> GST Invoices</div>

<div><i class="fa fa-check" style="font-size:24px;color:green"></i> Credit/Debit Note</div>



```

        <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Service Transactions
</div>

    </div>

</div>

</div>

<div class="cont">

    <div class="textcont">

        <h2>Production</h2>

        <p>Plan and track the production process using our Inventory Management System to
increase efficiency by eliminating downtime and cutting down cost.</p>

    </div>

    <div class="othercont">

        <div class="leftcont">

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Multi-Level Bill of
Materials (BOM)</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> BOM Costing</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Work Order</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Production Order </div>

        </div>

        <div class="rightcont">

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Outsourcing / Sub-
Contract</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Finished Goods
Testing</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Line Rejection
Tracking</div>

            <div><i class="fa fa-check" style="font-size:24px;color:green"></i> Process Routing </div>

        </div>

    </div>

</div>

</div>

{% endblock %}

```

**signUp.css**

```
* {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
  font-family: 'Ubuntu', sans-serif;  
}  
:root{  
  --primary: #34ACE0;  
  --primary-shadow: rgba(52, 172, 224 , 0.25);  
}  
body {  
  background-color: var(--primary-shadow);  
  display: flex;  
  flex-direction: column;  
  min-height: 100vh;  
}  
.image{  
  padding-top: 8%;  
}  
.logo {  
  position: relative;  
  cursor: pointer;  
  display: flex;  
  align-items: center;  
}  
.logo h1 {  
  color: var(--primary);  
  margin: 0;  
  display: inline-block;  
  font-size: 1.75rem;  
}
```

```
img {  
  width: 100%;  
  height: 100%;  
}  
  
.logo div {  
  background-color: var(--primary);  
  margin-right: 5px;  
  border-radius: 5px;  
  height: 40px;  
  width: 40px;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}  
  
.logo span {  
  color: white;  
  font-size: 2.75rem;  
  transform: rotate(-15deg);  
  position: relative;  
  top: -3px;  
  left: -1.5px;  
}  
  
.signUp {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  min-height: 100vh;  
  margin-top: min(20px, 25px);  
  margin-bottom: min(20px, 25px);  
}
```

```
.flex-container {  
  display: flex;  
  flex-direction: row;  
}  
  
.container-well {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  background-color: white;  
  height: 550px;  
  width: 900px;  
  border-radius: 0 35px 0 35px;  
}  
  
.container-shadow {  
  box-shadow: 0 0 100px 0 var(--primary);  
}  
  
.left-content {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  width: 50%;  
  height: 100%;  
}  
  
.form {  
  align-items: center;  
  width: 50%;  
  padding-left: 20px;  
  padding-right: 20px;  
}  
  
.form a {  
  text-decoration: none;
```

```
    color: var(--primary);
    transition: 0.5s;
}
.form a:hover {
    color: black;
}
.btn-white {
    color: var(--primary);
    box-shadow: 0 0 20px 0 var(--primary-shadow);
    transition: 1s;
}
.btn-blue {
    background-color: var(--primary);
    color: white;
    box-shadow: 0 0 20px 0 var(--primary-shadow);
    transition: 1s;
}
@media (max-width: 1199px) {
    .container-well {
        width: 700px;
        height: 600px;
    }
}
@media (max-width: 767px) {
    .container-well {
        border-radius: 20px;
    }
    .image {
        display: none;
    }
    .left-content {
```

```
    width: 100%;
}

.form {
    width: 100%
}

.container-well {
    width: 90%;
    height: 90%;
}

.flex-container {
    flex-direction: column;
}
}

@media (max-width: 330px){
    .form div {
        flex-direction: column !important;
    }
}
```

### **login.css**

```
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
    font-family: 'Ubuntu', sans-serif;
}

:root{
    --primary: #34ACE0;
    --primary-shadow: rgba(52, 172, 224 , 0.25);
}

body {
```

```
background-color: var(--primary-shadow);

display: flex;

flex-direction: column;

min-height: 100vh;
}

.logo {

position: relative;

cursor: pointer;

display: flex;

align-items: center;
}

img{

width: 100%;

height: 100%;
}

.logo h1 {

color: var(--primary);

margin: 0;

display: inline-block;

font-size: 1.75rem;
}

.logo div {

background-color: var(--primary);

margin-right: 5px;

border-radius: 5px;

height: 40px;

width: 40px;

display: flex;

justify-content: center;

align-items: center;
}
```

```
.logo span {  
  color: white;  
  font-size: 2.75rem;  
  transform: rotate(-15deg);  
  position: relative;  
  top: -3px;  
  left: -1.5px;  
}  
  
.login {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  min-height: 100vh;  
  margin-top: min(20px, 25px);  
  margin-bottom: min(20px, 25px);  
}  
  
.flex-container {  
  display: flex;  
  flex-direction: row;  
}  
  
.container-well {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  background-color: white;  
  height: 550px;  
  width: 900px;  
  border-radius: 0 35px 0 35px;  
}  
  
.container-shadow {
```



```
box-shadow: 0 0 100px 0 var(--primary);
}

.left-content {
display: flex;
justify-content: center;
align-items: center;
width: 50%;
height: 100%;
}

.form {
display: flex;
flex-direction: column;
justify-content: center;
width: 50%;
padding-left: 20px;
padding-right: 20px;
}

.form a {
text-decoration: none;
color: var(--primary);
transition: 0.5s;
}

.form a:hover {
color: black;
}

.btn-white {
color: var(--primary);
box-shadow: 0 0 20px 0 var(--primary-shadow);
transition: 1s;
}

.btn-blue {
```

```
background-color: var(--primary);

color: white;

box-shadow: 0 0 20px 0 var(--primary-shadow);

transition: 1s;
}

@media (max-width: 1199px) {

.container-well {

width: 700px;

height: 600px;
}

}

@media (max-width: 767px) {

.container-well {

border-radius: 20px;
}

.image {

display: none;
}

.left-content {

width: 100%;
}

.form {

width: 100%
}

.container-well {

width: 90%;

height: 90%;
}

.flex-container {

flex-direction: column;
}
```

```
}  
  
@media (max-width: 330px){  
  .form div {  
    flex-direction: column !important;  
  }  
}
```

### home.css

```
* {  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
  font-family: 'Lobster', sans-serif;  
  -webkit-box-sizing: border-box;  
  -moz-box-sizing: border-box;  
}  
  
.buttons {  
  /* margin: 10%; */  
  text-align: center;  
  /* font-size: large; */  
  font-size: 15px;  
}  
  
.btn-hover {  
  /* width: 200px; */  
  font-size: 16px;  
  font-weight: 600;  
  color: #fff;  
  cursor: pointer;  
  /* margin: 20px; */  
  /* height: 55px; */  
  text-align:center;
```

```
border: none;

background-size: 300% 100%;

border-radius: 50px;

-moz-transition: all .4s ease-in-out;

-o-transition: all .4s ease-in-out;

-webkit-transition: all .4s ease-in-out;

transition: all .4s ease-in-out;
}

.btn-hover:hover {

background-position: 100% 0;

-moz-transition: all .4s ease-in-out;

-o-transition: all .4s ease-in-out;

-webkit-transition: all .4s ease-in-out;

transition: all .4s ease-in-out;
}

.btn-hover:focus {

outline: none;
}

.btn-hover.color-1 {

background-image: linear-gradient(to right, #25aae1, #40e495, #30dd8a, #2bb673);

box-shadow: 0 4px 15px 0 rgba(49, 196, 190, 0.75);
}

.btn-hover.color-2 {

background-image: linear-gradient(to right, #f5ce62, #e43603, #fa7199, #e85a19);

box-shadow: 0 4px 15px 0 rgba(229, 66, 10, 0.75);
}

.btn-hover.color-3 {

background-image: linear-gradient(to right, #667eea, #764ba2, #6B8DD6, #8E37D7);

box-shadow: 0 4px 15px 0 rgba(116, 79, 168, 0.75);
}

.btn-hover.color-4 {
```

```
background-image: linear-gradient(to right, #fc6076, #ff9a44, #ef9d43, #e75516);
box-shadow: 0 4px 15px 0 rgba(252, 104, 110, 0.75);
}

.btn-hover.color-5 {
background-image: linear-gradient(to right, #0ba360, #3cba92, #30dd8a, #2bb673);
box-shadow: 0 4px 15px 0 rgba(23, 168, 108, 0.75);
}

.btn-hover.color-6 {
background-image: linear-gradient(to right, #009245, #FCEE21, #00A8C5, #D9E021);
box-shadow: 0 4px 15px 0 rgba(83, 176, 57, 0.75);
}

.btn-hover.color-7 {
background-image: linear-gradient(to right, #6253e1, #852D91, #A3A1FF, #F24645);
box-shadow: 0 4px 15px 0 rgba(126, 52, 161, 0.75);
}

.btn-hover.color-8 {
background-image: linear-gradient(to right, #29323c, #485563, #2b5876, #4e4376);
box-shadow: 0 4px 15px 0 rgba(45, 54, 65, 0.75);
}

.btn-hover.color-9 {
background-image: linear-gradient(to right, #25aae1, #4481eb, #04befe, #3f86ed);
box-shadow: 0 4px 15px 0 rgba(65, 132, 234, 0.75);
}

.btn-hover.color-10 {
background-image: linear-gradient(to right, #ed6ea0, #ec8c69, #f7186a , #FBB03B);
box-shadow: 0 4px 15px 0 rgba(236, 116, 149, 0.75);
}

.btn-hover.color-11 {
background-image: linear-gradient(to right, #eb3941, #f15e64, #e14e53, #e2373f);
box-shadow: 0 5px 15px rgba(242, 97, 103, .4);
}
```

```
.contenedor {  
    height: 100%;  
    padding: 5% 0;  
}  
  
h1 {  
    color: #FCFBFA;  
}  
  
.container_foto {  
    background-color: rgba(57, 62, 93, 0.7);  
    padding: 0;  
    overflow: hidden;  
    max-width: 350px;  
    margin: 5px;  
}  
  
.container_foto article {  
    padding: 10%;  
    position: absolute;  
    bottom: 0;  
    z-index: 1;  
    -webkit-transition: all 0.5s ease;  
    -moz-transition: all 0.5s ease;  
    -o-transition: all 0.5s ease;  
    -ms-transition: all 0.5s ease;  
    transition: all 0.5s ease;  
}  
  
.container_foto h2 {  
    color: #fff;  
    font-weight: 800;  
    font-size: 25px;  
    border-bottom: #fff solid 1px;  
}
```

```
.container_foto h4 {  
    font-weight: 300;  
    color: #fff;  
    font-size: 16px;  
}  
  
.container_foto img {  
    width: 100%;  
    top: 0;  
    left: 0;  
    opacity: 0.4;  
    -webkit-transition: all 4s ease;  
    -moz-transition: all 4s ease;  
    -o-transition: all 4s ease;  
    -ms-transition: all 4s ease;  
    transition: all 4s ease;  
}  
  
.ver_mas {  
    background-color: #FEB66C;  
    position: absolute;  
    width: 100%;  
    height: 70px;  
    bottom: 0;  
    z-index: 1;  
    opacity: 0;  
    transform: translate(0px, 70px);  
    -webkit-transform: translate(0px, 70px);  
    -moz-transform: translate(0px, 70px);  
    -o-transform: translate(0px, 70px);  
    -ms-transform: translate(0px, 70px);  
    -webkit-transition: all 0.2s ease-in-out;  
    -moz-transition: all 0.2s ease-in-out;
```

```

-o-transition: all 0.2s ease-in-out;
-ms-transition: all 0.2s ease-in-out;
transition: all 0.2s ease-in-out;
}

.ver_mas span {
font-size: 40px;
color: #fff;
position: relative;
margin: 0 auto;
width: 100%;
top: 13px;
}

/*hovers*/
.container_foto:hover {
cursor: pointer;
}

.container_foto:hover img {
opacity: 0.1;
transform: scale(1.5);
}

.container_foto:hover article {
transform: translate(2px, -69px);
-webkit-transform: translate(2px, -69px);
-moz-transform: translate(2px, -69px);
-o-transform: translate(2px, -69px);
-ms-transform: translate(2px, -69px);
}

.container_foto:hover .ver_mas {
transform: translate(0px, 0px);
-webkit-transform: translate(0px, 0px);
-moz-transform: translate(0px, 0px);

```



```
-o-transform: translate(0px, 0px);
-ms-transform: translate(0px, 0px);
opacity: 1;
}

:root{
  --primary: #34ACE0;
  --primary-shadow: rgba(52, 172, 224 , 0.25);
}

.row1{
  width: 75%;
  margin-top: 3rem;
  margin-bottom: 3rem;
}

body {
  background-color: var(--primary-shadow);
  display: flex;
  flex-direction: column;
  min-height: 100vh;
  background-image: url("../assets/b2.jpeg");
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
}

img{
  width: 100%;
  height: 100%;
}

.logIn {
  display: flex;
  /* justify-content: center; */
  align-items: center;
```

```
min-height: 95vh;
margin-top: min(20px, 25px);
margin-bottom: min(20px, 25px);
}

.flex-container {
display: flex;
flex-direction: row;
}

.box{
display: flex;
flex-direction: column;
width: 100%;
justify-content: space-between;
align-items: center;
}

/* .card
{
width: 200px;
height:200px;
background-color: #8186a3;
} *

.card {
width: 300px;
height:300px;
background-color:#C2F7EB;
transition: transform 0.2s ease;
box-shadow: 0 4px 6px 0 rgba(22, 22, 26, 0.18);
border-radius: 0;
border: 0;
margin-bottom: 1.5em;
border-radius: 2rem;
```

```
    font-style: italic;
}

.card:hover {
    transform: scale(1.1);
}

/* .container-well {
display: flex;
justify-content: center; */
/* align-items: center;
background-color: white;
height: 550px;
width: 900px;
border-radius: 0 35px 0 35px;
} */

button{
    height: 100px;
}

a {
    padding-top: 40px;
    padding-bottom: 40px;
    text-decoration: none;
}

.nike
{
    display: flex;
    flex-direction: column;
    justify-content: space-around;
    /* justify-content: flex-start; */
    width: 300px;
    height: 95vh;
}
```

```
/* .container-shadow {  
  box-shadow: 0 0 100px 0 var(--primary);  
} */  
  
.left-content {  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  width: 50%;  
  height: 100%;  
}  
  
.btn-white {  
  color: var(--primary);  
  box-shadow: 0 0 20px 0 var(--primary-shadow);  
  transition: 1s;  
}  
  
.btn-blue {  
  background-color: var(--primary);  
  color: white;  
  box-shadow: 0 0 20px 0 var(--primary-shadow);  
  transition: 1s;  
}  
  
@media (max-width: 1199px) {  
  .container-well {  
    width: 700px;  
    height: 600px;  
  }  
}  
  
@media (max-width: 767px) {  
  .container-well {  
    border-radius: 20px;  
  }  
}
```

```
.image {  
  display: none;  
}  
  
.left-content {  
  width: 100%;  
}  
  
.form {  
  width: 100%  
}  
  
.container-well {  
  width: 90%;  
  height: 90%;  
}  
  
.flex-container {  
  flex-direction: column;  
}  
}  
  
@media (max-width: 330px){  
  .form div {  
    flex-direction: column !important;  
  }  
}
```

### **emp.css**

```
#ft-form {  
  font-family: inherit;  
  font-size: 100%;  
  line-height: 1.15  
}  
  
#ft-form *,  
#ft-form ::after,
```

```
#ft-form ::before {
  box-sizing: border-box
}

#ft-form input,
#ft-form select,
#ft-form textarea {
  font-family: inherit;
  font-size: 100%;
  line-height: 1.15;
  margin: 0
}

#ft-form select {
  text-transform: none
}

#ft-form [type=submit] {
  -webkit-appearance: button
}

#ft-form legend {
  padding: 0
}

#ft-form h2,
#ft-form p {
  margin: 0
}

#ft-form fieldset {
  margin: 0;
  padding: 0
}

#ft-form html {
  font-family: ui-sans-serif,system-ui,-apple-system,BlinkMacSystemFont,"Segoe
UI",Roboto,"Helvetica Neue",Arial,"Noto Sans",sans-serif,"Apple Color Emoji","Segoe UI
Emoji","Segoe UI Symbol","Noto Color Emoji";
```

```
/* line-height: 1.5 */
}
body {
  background-image: url("../assets/b2.jpeg");
  background-repeat: no-repeat;
  background-position: center;
  background-size: cover;
  /* height: 100vh; */
}
#ft-form body {
  font-family: inherit;
  line-height: inherit;
}
#ft-form *,
#ft-form ::after,
#ft-form ::before {
  box-sizing: border-box;
  border-width: 0;
  border-style: solid;
  border-color: #e5e7eb
}
#ft-form textarea {
  resize: vertical
}
#ft-form input::-moz-placeholder,
#ft-form textarea::-moz-placeholder {
  color: #9ca3af
}
#ft-form input:-ms-input-placeholder,
#ft-form textarea:-ms-input-placeholder {
  color: #9ca3af
```

```
}

#ft-form input::placeholder,
#ft-form textarea::placeholder {
  color: #9ca3af
}

#ft-form h2 {
  font-size: inherit;
  font-weight: inherit
}

#ft-form input,
#ft-form select,
#ft-form textarea {
  padding: 0;
  line-height: inherit;
  color: inherit
}

#ft-form [type=date],
#ft-form [type=email],
#ft-form [type=tel],
#ft-form [type=text],
#ft-form select,
#ft-form textarea {
  -webkit-appearance: none;
  -moz-appearance: none;
  appearance: none;
  background-color: #fff;
  border-color: #6b7280;
  border-width: 1px;
  border-radius: 0;
  padding-top: .5rem;
  padding-right: .75rem;
```



```
padding-bottom: .5rem;
padding-left: .75rem;
font-size: 1rem;
line-height: 1.5rem
}

#ft-form [type=date]:focus,
#ft-form [type=email]:focus,
#ft-form [type=tel]:focus,
#ft-form [type=text]:focus,
#ft-form select:focus,
#ft-form textarea:focus {
    outline: 2px solid transparent;
    outline-offset: 2px;
    box-shadow: 0 0 0 0 #fff, 0 0 0 3px rgba(199,210,254,.5), 0 0 #0000;
    border-color: #2563eb
}

#ft-form input::-moz-placeholder,
#ft-form textarea::-moz-placeholder {
    color: #6b7280;
    opacity: 1
}

#ft-form input:-ms-input-placeholder,
#ft-form textarea:-ms-input-placeholder {
    color: #6b7280;
    opacity: 1
}

#ft-form input::placeholder,
#ft-form textarea::placeholder {
    color: #6b7280;
    opacity: 1
}
```

```

#ft-form select {

    background-image: url("data:image/svg+xml,%3csvg xmlns='http://www.w3.org/2000/svg'
fill='none' viewBox='0 0 20 20'%3e%3cpath stroke='%236b7280' stroke-linecap='round' stroke-
linejoin='round' stroke-width='1.5' d='M6 8l4 4 4-4'/%3e%3c/svg%3e");

    background-position: right .5rem center;

    background-repeat: no-repeat;

    background-size: 1.5em 1.5em;

    padding-right: 2.5rem;
}

#ft-form fieldset {

    font-size: 100%;

    margin: 3rem;

    /* margin-bottom: 1.5rem */
}

#ft-form fieldset:first-child {

    margin-top: 0
}

#ft-form fieldset > * {

    display: block;

    margin-bottom: 1.5rem
}

#ft-form fieldset > :last-child {

    margin-bottom: 0
}

#ft-form fieldset > .two-cols > * {

    display: block;

    margin-bottom: 1.5rem
}

#ft-form fieldset > .two-cols > :last-child {

    margin-bottom: 0
}

@media only screen and (min-width:640px) {

```

```
#ft-form fieldset > .two-cols {  
  display: flex;  
  align-items: flex-end  
}  
#ft-form fieldset > .two-cols > * {  
  display: block;  
  margin-right: 1.5rem;  
  margin-top: 0;  
  margin-bottom: 0;  
  flex: 1  
}  
#ft-form fieldset > .two-cols > :last-child {  
  margin-right: 0  
}  
}  
#ft-form fieldset div > label {  
  display: inline-flex;  
  align-items: flex-start;  
  margin-top: .5rem;  
  width: 100%  
}  
#ft-form fieldset div > label:last-child {  
  margin: .5rem 0 0 0  
}  
#ft-form fieldset div.inline {  
  padding: .55rem 0 0;  
  width: 100%  
}  
#ft-form fieldset div.inline > label {  
  width: auto;  
  margin-right: .5rem
```

```
}

#ft-form fieldset div.inline > label:last-child {
    margin-right: 0
}

#ft-form fieldset > .two-cols div.inline {
    padding: .55rem 0
}

#ft-form fieldset > legend {
    font-weight: 700;
    font-size: 120%;
    margin-bottom: 1rem
}

#ft-form fieldset > p {
    margin: 0
}

#ft-form [multiple],
#ft-form [type=date],
#ft-form [type=datetime-local],
#ft-form [type=email],
#ft-form [type=file],
#ft-form [type=month],
#ft-form [type=number],
#ft-form [type=password],
#ft-form [type=search],
#ft-form [type=tel],
#ft-form [type=text],
#ft-form [type=time],
#ft-form [type=url],
#ft-form [type=week],
#ft-form select,
#ft-form textarea {
```

```
border-radius: .375rem;
margin-top: .25rem;
box-shadow: 0 0 #0000,0 0 #0000,0 1px 2px 0 rgba(0,0,0,.05);
border-color: #bbb;
width: 100%
}

#ft-form [multiple] select,
#ft-form [type=date] select,
#ft-form [type=datetime-local] select,
#ft-form [type=email] select,
#ft-form [type=file] select,
#ft-form [type=month] select,
#ft-form [type=number] select,
#ft-form [type=password] select,
#ft-form [type=search] select,
#ft-form [type=tel] select,
#ft-form [type=text] select,
#ft-form [type=time] select,
#ft-form [type=url] select,
#ft-form [type=week] select,
#ft-form select select,
#ft-form textarea select {
    padding-right: 2.5rem
}

#ft-form [multiple]:focus,
#ft-form [type=date]:focus,
#ft-form [type=datetime-local]:focus,
#ft-form [type=email]:focus,
#ft-form [type=file]:focus,
#ft-form [type=month]:focus,
#ft-form [type=number]:focus,
```

```
#ft-form [type=password]:focus,
#ft-form [type=search]:focus,
#ft-form [type=tel]:focus,
#ft-form [type=text]:focus,
#ft-form [type=time]:focus,
#ft-form [type=url]:focus,
#ft-form [type=week]:focus,
#ft-form select:focus,
#ft-form textarea:focus {
    border-color: #bbb;
    box-shadow: 0 0 0 #fff,0 0 3px rgba(199,210,254,.5),0 0 #0000
}
#ft-form [type=checkbox],
#ft-form [type=radio] {
    color: #4f46e5;
    box-shadow: none;
    border-radius: .25rem;
    border-color: #bbb;
    margin-right: .5rem
}
#ft-form [type=checkbox]:focus,
#ft-form [type=radio]:focus {
    border-color: #bbb;
    box-shadow: 0 0 0 #fff,0 0 3px rgba(199,210,254,.5),0 0 #0000
}
#ft-form [type=radio] {
    border-radius: 100%
}
#ft-form .btns {
    text-align: right;
    margin-top: 3rem
```

```

}

#ft-form .btns > input[type=button],
#ft-form .btns > input[type=reset],
#ft-form .btns > input[type=submit] {
    display: inline-block;

    box-shadow: 0 0 #0000,0 0 #0000,0 1px 2px 0 rgba(0,0,0,.05);

    padding-left: 1.5rem;
    padding-right: 1.5rem;
    padding-top: .6rem;
    padding-bottom: .6rem;

    line-height: 1.25rem;

    border-width: 1px;
    border-radius: .375rem;
    border-color: #bbb;
    background-color: #fff;
    cursor: pointer;
    margin-left: .5rem;
    font-weight: 700
}

#ft-form .btns > input[type=button]:focus,
#ft-form .btns > input[type=reset]:focus,
#ft-form .btns > input[type=submit]:focus {
    outline: 2px solid transparent;
    outline-offset: 2px;
    border-color: #bbb;

    box-shadow: 0 0 0 2px #fff,0 0 0 4px rgba(199,210,254,.5),0 0 #0000
}

#ft-form .btns > input[type=submit] {
    background-color: #f3f4f5;
    transition: background-color .1s
}

```

```
#ft-form .btns > input[type=submit]:hover {  
    background-color: #f8f9fa  
}
```

### **aboutUs.css**

```
body {  
    background-color: #9CC3D5FF;  
}
```

```
.outercont  
{  
    height: 100vh;  
    width: 100vw;  
    display: flex;  
    flex-direction: column;  
    justify-content: space-around;  
    align-items: center;  
}
```

```
p {  
    font-size: 20px;  
}
```

```
.cont  
{  
    width: 700px;  
}
```

```
.leftcont  
{  
    font-size: 17px;  
}
```

```
.rightcont  
{
```



```
font-size: 17px;  
}  
.othercont  
{  
  display: flex;  
}
```

**assets**

**login1.png**



**bg1.jpeg**



**bg.jpeg**



b2.jpeg



signup1.png



Output:

IBM Database

Resource list /

Db2-x8

Active

Add tags

Details

Actions...

Manage

Getting started

Service credentials

Connections

Getting started

Where can I find my credentials?  
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".  
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

Go to UI

Getting started docs

Need help?

Submit a IBM Cloud Support Case to our team.

Support case

IBM Db2 on Cloud

Data objects

My script

Filter objects

GNT07311

\*Untitled - 1

+

Beta

Classic

1

2

3

4

5

6

7

CREATE TABLE User (

FirstName varchar(255),

LastName varchar(255),

Email varchar(255),

Password varchar(255),

UserType varchar(255)

);

Run all

History

IBM Db2 on Cloud

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Find schemas or tables

Refresh

Schemas

<input type="checkbox"/> Name	Type	Tables
<input type="checkbox"/> GNT07311	User	1

Total: 1, selected: 0

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTSSequencesApplication objects

Find schemas or tables

Refresh

Schemas

Name	Type	Tables
GNT07311	User	1

Total: 1, selected: 1

Tables

New table

Name	Schema	Properties
USER	GNT07311	...

Total: 1, selected: 0

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTSSequencesApplication objects

GNT07311.USER

Back

Export to CSV

FIRSTNAME	LASTNAME	EMAIL	PASSWORD	USERTYPE
Abinеш	Rajendran	abinеш@gmail.com	abi@2002	Admin
Aishwarya	S	aishu@gmail.com	aishu	Admin
Nikhil	Rajendran	nikhil@gmail.com	nikhil	Admin
Prema	R	prema@gmail.com	1234	Admin
Priyanka	K	19cs150@psgitech.ac.in	1234	Admin
Sowmiya	Priya	Sowmiya@gmail.com	Sowmiya2002	Admin
Sowmiya Priya	R S	19cs150@psgitech.ac.in	1234	Admin

IBM Db2 on Cloud

Load DataLoad HistoryTablesViewsIndexesAliasesMQTSSequencesApplication objects

Find schemas or tables

Refresh

Tables

New table

Name	Schema	Properties
USER	GNT07311	...

Total: 1, selected: 1

Table definition

USER

No statistics available.

Name	Data type	Nullable	Length	Scale
FIRSTNAME	VARCHAR	Y	255	0
LASTNAME	VARCHAR	Y	255	0
EMAIL	VARCHAR	Y	255	0
PASSWORD	VARCHAR	Y	255	0

View data

## SignUp:

Sign Up

127.0.0.1:5000

First Name  
Aishwarya

Last Name  
S

Email  
aishu@gmail.com

Password  
\*\*\*\*\*

Confirm Password  
\*\*\*\*\*

Sign Up

Already have an account ? [Log In](#)

## Login

Log In

127.0.0.1:5000/signUp

Email  
aishu@gmail.com

Password  
\*\*\*\*\*

Log In

Don't have an account ? [Sign Up](#)

You are already a member, Please login using your details

Home:

