

Sprint 1

Team id	PNT2022TMID49561
PROJECTNAME	NUTRITION ASSISTANT APPLICATION

Registration Page

Registration.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
  <head>
    <meta charset="UTF-8">
    <link rel="stylesheet" href="/static/registration.css">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <div class="container">
      <div class="title">Registration</div>
      <div class="content">
        <form action="{{url_for('register')}}" method="POST" class="login-
email">
          <div class="user-details">
            <div class="input-box">
              <span class="details">Full Name</span>
              <input type="text" placeholder="Enter your name" name="fullname">
            </div>
            <div class="input-box">
              <span class="details">Username</span>
```

```
        <input type="text" placeholder="Enter your username"
name="username">
    </div>
    <div class="input-box">
        <span class="details">Email</span>
        <input type="text" placeholder="Enter your email" name="email">
    </div>
    <div class="input-box">
        <span class="details">Phone Number</span>
        <input type="text" placeholder="Enter your number"
name="phonenummer">
    </div>
    <div class="input-box">
        <span class="details">Password</span>
        <input type="text" placeholder="Enter your password"
name="passwords">
    </div>
    <div class="input-box">
        <span class="details">Confirm Password</span>
        <input type="text" placeholder="Confirm your password"
name="cpassword">
    </div>
</div>
<div class="button">
    <input type="submit" value="Register">
</div>
</form>
</div>
</div>
```

```
</body>
```

```
</html>
```

Registration.css

```
@import
```

```
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;300;400;500;600;700&display=swap');
```

```
*{
```

```
margin: 0;
```

```
padding: 0;
```

```
box-sizing: border-box;
```

```
font-family: 'Poppins',sans-serif;
```

```
}
```

```
body{
```

```
height: 100vh;
```

```
display: flex;
```

```
justify-content: center;
```

```
align-items: center;
```

```
padding: 10px;
```

```
background: linear-gradient(135deg, #71b7e6, #9b59b6);
```

```
}
```

```
.container{
```

```
max-width: 700px;
```

```
width: 100%;
```

```
background-color: #fff;
```

```
padding: 25px 30px;
```

```
border-radius: 5px;
```

```
    box-shadow: 0 5px 10px rgba(0,0,0,0.15);
}
.container .title{
    font-size: 25px;
    font-weight: 500;
    position: relative;
}
.container .title::before{
    content: "";
    position: absolute;
    left: 0;
    bottom: 0;
    height: 3px;
    width: 30px;
    border-radius: 5px;
    background: linear-gradient(135deg, #71b7e6, #9b59b6);
}
.content form .user-details{
    display: flex;
    flex-wrap: wrap;
    justify-content: space-between;
    margin: 20px 0 12px 0;
}
form .user-details .input-box{
    margin-bottom: 15px;
    width: calc(100% / 2 - 20px);
}
```

```
form .input-box span.details{
  display: block;
  font-weight: 500;
  margin-bottom: 5px;
}
.user-details .input-box input{
  height: 45px;
  width: 100%;
  outline: none;
  font-size: 16px;
  border-radius: 5px;
  padding-left: 15px;
  border: 1px solid #ccc;
  border-bottom-width: 2px;
  transition: all 0.3s ease;
}
.user-details .input-box input:focus,
.user-details .input-box input:valid{
  border-color: #9b59b6;
}
form .gender-details .gender-title{
  font-size: 20px;
  font-weight: 500;
}
form .category{
  display: flex;
  width: 80%;
```

```
margin: 14px 0 ;
justify-content: space-between;
}
form .category label{
display: flex;
align-items: center;
cursor: pointer;
}
form .category label .dot{
height: 18px;
width: 18px;
border-radius: 50%;
margin-right: 10px;
background: #d9d9d9;
border: 5px solid transparent;
transition: all 0.3s ease;
}
#dot-1:checked ~ .category label .one,
#dot-2:checked ~ .category label .two,
#dot-3:checked ~ .category label .three{
background: #9b59b6;
border-color: #d9d9d9;
}
form input[type="radio"]{
display: none;
}
form .button{
```

```
    height: 45px;
    margin: 35px 0
}
form .button input{
    height: 100%;
    width: 100%;
    border-radius: 5px;
    border: none;
    color: #fff;
    font-size: 18px;
    font-weight: 500;
    letter-spacing: 1px;
    cursor: pointer;
    transition: all 0.3s ease;
    background: linear-gradient(135deg, #71b7e6, #9b59b6);
}
form .button input:hover{
    /* transform: scale(0.99); */
    background: linear-gradient(-135deg, #71b7e6, #9b59b6);
}
@media(max-width: 584px){
    .container{
        max-width: 100%;
    }
}
form .user-details .input-box{
    margin-bottom: 15px;
    width: 100%;
```

```

    }
    form .category{
        width: 100%;
    }
    .content form .user-details{
        max-height: 300px;
        overflow-y: scroll;
    }
    .user-details::-webkit-scrollbar{
        width: 5px;
    }
}
@media(max-width: 459px){
    .container .content .category{
        flex-direction: column;
    }
}

```

Registration.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=824dfd4d-99de-440d-9991-629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud;PORT=3011

```



```
9;Security=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=lbs14903;PWD=1N4walQ5ywwiwP7c;","")
```

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

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

```
def register():
```

```
    msg = "
```

```
    if request.method == 'POST' and 'fullname' in request.form and 'username' in request.form and 'email' in request.form and 'phonenumber' in request.form and 'passwords' in request.form and 'cpassword' in request.form :
```

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

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

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

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

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

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

```
        stmt = ibm_db.prepare(conn,'SELECT * FROM appuser WHERE username = ?')
```

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

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

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

```
        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]+', username):
```

```
            msg = 'Username must contain only characters and numbers !'
```

```
        elif not username or not passwords or not email:
```

```
            msg = 'Please fill out the form !'
```

```

else:
    prep_stmt = ibm_db.prepare(conn,"INSERT INTO appuser VALUES(?,
?, ?, ?, ?, ?)")
    ibm_db.bind_param(prepare_stmt, 1, fullname)
    ibm_db.bind_param(prepare_stmt, 2, username)
    ibm_db.bind_param(prepare_stmt, 3, email)
    ibm_db.bind_param(prepare_stmt, 4, phonenumber)
    ibm_db.bind_param(prepare_stmt, 5, passwords)
    ibm_db.bind_param(prepare_stmt, 6, cpassword)
    ibm_db.execute(prepare_stmt)
    msg = 'You have successfully registered !'
elif request.method == 'POST':
    msg = 'Please fill out the form !'
    return render_template('registration.html', msg = msg)

if __name__ == '__main__':
    app.debug = True
    app.run(host='0.0.0.0',port=8080)

```

Output:

Service Details - IBM Cloud x IBM Db2 on Cloud x 127.0.0.1:8080/register x +

bs2ipcul0apon0ufi80lite.db2.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aeu-gb%3Aa%2Fddb0f6e694cf49338677e68b019df2af%3Ab58d82

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

LBS14903.APPUSER

FULLNAME	USERNAME	EMAIL	PHONENUMBER	PASSWORDS
Ashwin Kumar	ak006	ashwinkumar0850@gmail.com	9025497094	123456
ganesan	ganesanlakz	ganesanlakz007@gmail.com	8080726346	12345

Service Details - IBM Cloud x IBM Db2 on Cloud x 127.0.0.1:8080/register x +

127.0.0.1:8080/register

Registration

Full Name	Username
<input type="text" value="Ashwin Kumar"/>	<input type="text" value="ak006"/>
Email	Phone Number
<input type="text" value="ashwinkumar0850@gmail.com"/>	<input type="text" value="9025497094"/>
Password	Confirm Password
<input type="text" value="123456"/>	<input type="text" value="123456"/>