Passwordchange.html

```
<!DOCTYPE html>
<html lang="en">
    <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>Change Password</title>
    link
     rel="stylesheet"
      href="{{ url_for('static', filename='style.css') }}"
  </head>
  <body>
    <div class="card">
      <h1>Change Password</h1>
      <form method="POST" action="">
        <input type="text" placeholder="Old Password" name="oldpass" required</pre>
        <input type="password" placeholder="New Password" name="newpass"</pre>
required />
        <input type="submit" value="Change" />
      </form>
   </div>
  </body>
</html>
```

Style.css

```
html {
    background: linear-gradient(#85FFBD, #87CEEB);
    height: 100%;
    font-family: 'roboto', sans-serif;
    background-repeat: no-repeat;
    display: flex;
    justify-content: center;
    text-align: center;
}

form {
    text-align: center;
    box-sizing: border-box;
}

form input[type="submit"], button {
```

```
height: 50px;
    width: 200px;
    background: linear-gradient(#85FFBD, #87CEEB);
    border: 1px solid #f2f2f2;
    text-transform: uppercase;
    cursor: pointer;
form input[type="text"],
form input[type="password"] {
   max-width: 400px;
   width: 80%;
   line-height: 3em;
   margin: 1em 2em;
    border-radius: 5px;
   border: 2px solid #f2f2f2;
    outline: none;
   padding-left: 10px;
input[type="file"] {
    display: none;
.custom-file-upload {
    display: block;
    height: 50px;
   width: 200px;
    background: linear-gradient(#E61F20, #C9000B);
    border: 1px solid #f2f2f2;
    text-transform: uppercase;
    cursor: pointer;
   max-width: 400px;
   width: 80%;
    line-height: 3em;
   margin: 1em 4em;
    border-radius: 5px;
    border: 2px solid #f2f2f2;
   outline: none;
   margin-left:300px;
.card {
    margin-top: 100px;
    background-color: white;
   width: 550px;
   height: inherit;
```

```
padding: 20px;
border-radius: 12px;
}
```

App.py

```
import ibm_db as db
from turtle import st
from markupsafe import escape
from flask import Flask, render_template, request, redirect, session, abort
import os
import pathlib
import requests
from dotenv import load dotenv
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
from google.oauth2 import id_token
from google auth oauthlib.flow import Flow
from pip. vendor import cachecontrol
import google.auth.transport.requests
app = Flask(__name__)
SECRET KEY = os.urandom(32)
app.config['SECRET_KEY'] = SECRET_KEY
```

```
conn = db.connect("DATABASE=bludb;HOSTNAME=2f3279a5-73d1-4859-88f0-
a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=wms89097;PWD=tjzW7bTU8
RTK031d",'', '')
```

```
def send_confirmation_mail(email):
    message = Mail(
        from_email="xxxxxxxx@gmail.com",
        to_emails=email,
        subject="Registration Success",
        html_content= "<strong>You have successfully registered in
Nutrition Assistant.</strong>"
    )

    try:
      sg = SendGridAPIClient(os.environ['SENDGRID_API_KEY'])
      response = sg.send(message)
```

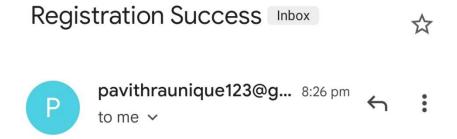
```
print(response.status_code)
    print(response.body)
    print(response.headers)
    print("Sucess")
    except Exception as e:
    print(e)
```

```
@app.route(CHANGE PASSWORD URL, methods=['GET', 'POST'])
def changepwd():
    if not session.get('user'):
        return redirect(LOG IN PAGE URL)
    msg = ''
    user = ''
    email = ''
    if request.method == 'POST':
        user = session.get('user')
        oldpass = request.form['oldpass']
        newpass = request.form['newpass']
        sqlst = 'SELECT password from user where name = ?'
        dbpass = execute_sql(statement = sqlst , username = user)['PASSWORD']
        sqlst = 'SELECT email from user where name = ?'
        email = execute_sql(statement = sqlst ,username = user)['EMAIL']
        if dbpass == oldpass:
            sqlst = 'UPDATE user SET password = ? where name = ?'
          execute_sql(statement = sqlst , password = newpass , username =
user)
            msg = 'Updated Successfully!'
        else:
            msg = 'Old Password Incorrect!'
        return render_template('profile.html', user=user, email=email,
msg=msg)
    return render_template('passwordChange.html')
```

```
@app.route('/logout')
def logout():
    session['user'] = ''
    return redirect(LOG_IN_PAGE_URL)

@app.route('/delete')
def delete():
    if not session.get('user'):
        return redirect(LOG_IN_PAGE_URL)
```

Mail Confirmation for Registration:



You have successfully registered in Nutrition Assistant. Thank You