

Sendgrid Flask mail using python

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PROJECTNAME	Nutrition Assistant Application

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mail = Mail(app) # instantiate the mail class

# configuration of mail
app.config['MAIL_SERVER']='smtp.gmail.com'
app.config['MAIL_PORT'] = 465
app.config['MAIL_USERNAME'] = 'nassistant.gans@gmail.com'
app.config['MAIL_PASSWORD'] = 'ddlomuragdcdyojh'
app.config['MAIL_USE_TLS'] = False
app.config['MAIL_USE_SSL'] = True
mail = Mail(app)
otp = randint(000000,999999)

@app.route('/verify', methods=['GET', 'POST'])
def verify():
    if request.method == 'POST':
        email1 = request.form['email1']
        sql = "SELECT * FROM email WHERE email1 = ? "
        stmt = ibm_db.prepare(conn,sql)
        ibm_db.bind_param(stmt,1,email1)
        ibm_db.execute(stmt)
        account = ibm_db.fetch_tuple(stmt)
        print(account)
        if account:
            msg = 'Account already exists !'
```

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else:

    insert_sql = "INSERT INTO email(email1) VALUES(?)"

    stmt = ibm_db.prepare(conn,insert_sql)

    ibm_db.bind_param(stmt, 1, email1)

    ibm_db.execute(stmt)

    msg = Message('NUTRITION ASSISTANT',sender
='nassistant.gans@gmail.com',recipients = [email1])

    msg.body = 'Hello user,THIS IS YOUR ONE TIME PASSWORD'

    msg.body = str(otp)

    mail.send(msg)

    return render_template('verify.html')

return render_template('email.html')

@app.route('/validate',methods=['GET', 'POST'])
def validate():

    user_otp = request.form['otp']

    if otp == int(user_otp):

        return render_template('login.html')

    return render_template('verify.html')

```

screenshot:

