from flask import Flask, render\_template, request

from pymysql import connections

import os

import boto3

from config import \*

app = Flask (\_name\_)

bucket custombucket

region customregion

db\_conn = connections.Connection(

host customhost,

port=3306,

user= customuser,

password= custompass,

db= customdb

)

output = {}

table = 'employee';

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

def home():

return render\_template('AddEmp.html')

@app.route("/about", methods=['POST'])

def about():

return render\_template('www.intellipaat.com');

@app.route(“/addemp”, methods=[‘post’])

Def AddEmp( ):

Emp\_id = request.form [‘emp\_id’]

First\_name = request . form[‘first\_name’]

Last\_name = request . form[‘last\_name’]

pri-skill = request . form[‘pri\_skill’]

Location = request . form[‘location’]

Emp\_image\_file = request . files[‘emp\_image\_file’]

Insert\_sql = “INSERT INTO employee VALUES (%S, %S, %S, %S, %S)”

Cursor = db\_conn.cursor( )

If emp\_image\_file . Filename == “”:

return “please select a file”

try :

cursor . execute (insert\_sql, ( emp\_id, first\_name, last\_name, pri\_skill, location ) )

db\_conn . commit ( )

emp\_name = “” + first\_name + “ ” + last\_name

# Upload image file in S3 #

emp\_image\_file\_name\_in\_s3 = "emp-id-"+str(emp\_id)+"\_image\_file"

s3 boto3. resource('s3')

try:

print("Data inserted in MySQL RDS... uploading image to S3...")

s3.Bucket(custombucket).put\_object(Key=emp\_image\_file\_name\_in\_s3,

Body=emp\_image\_file

bucket\_location = boto3.client('s3').get\_bucket location (Bucket-custombucket)

s3\_location= (bucket location ['LocationConstraint'])

if s3\_location is None:

s3\_location= ‘’

else:

s3\_location = ‘-’ + s3\_lacation

object\_url = "https://s3(0).amazonaws.com/{1}/{2}".format(

s3\_location,

custombucket,

emp\_image\_file\_name\_in\_53)

except Exception as e:

return str(e)

finally:

cursor.close()

print("all modification done...")

return render\_template('AddEmpOutput.html', name=emp\_name)

1f\_name == '\_main\_': 63

app.run(host='8.0.0.0', port-80, debug=True)

customhost = "employee.coghw13fheqo.us-east-2.rds.amazonaws.com"

customuser = "intellipaat 3custompass = "intellipaat123"

customdb = "employee"

custombucket = "addemployee"

customregion = "us-east-2"