from flask import Flask  
from flask import request  
from flask\_mysqldb import MySQL  
from flask\_cors import CORS  
import json  
mysql = MySQL()  
app = Flask(\_\_name\_\_)  
CORS(app)  
# My SQL Instance configurations  
# Change the HOST IP and Password to match your instance configurations  
app.config['MYSQL\_USER'] = 'web'  
app.config['MYSQL\_PASSWORD'] = 'webPass'  
app.config['MYSQL\_DB'] = 'student'  
app.config['MYSQL\_HOST'] = 'localhost' #for now  
mysql.init\_app(app)

@app.route("/add") #Add Student  
def add():  
  name = request.args.get('name')  
  email = request.args.get('email')  
  cur = mysql.connection.cursor() #create a connection to the SQL instance  
  s='''INSERT INTO students(studentName, email) VALUES('{}','{}');'''.format(name,email)  
  cur.execute(s)  
  mysql.connection.commit()

  return '{"Result":"Success"}'

@app.route("/update") #update Student  
def update():

Update Student  
  set name = request.args.get('name')  
  set email = request.args.get('email')  
  cur = mysql.connection.cursor() #create a connection to the SQL instance  
  s='''UPDATE students(studentName, email) VALUES('{}','{}');'''.format(name,email)  
  cur.execute(s)  
  mysql.connection.commit()

  return '{"Result":"Success"}'

@app.route("/delete") #Delete Student  
def delete():  
 id = request.args.get('id')  
 cur = mysql.connection.cursor() #create a connection to the SQL instance  
 s='''DELETE FROM students WHERE ID=?;'''  
 cur.execute(s,id)  
 mysql.connection.commit()  
 return '{"Result":"Success"}'

@app.route("/") #Default - Show Data  
def hello(): # Name of the method  
  cur = mysql.connection.cursor() #create a connection to the SQL instance  
  cur.execute('''SELECT \* FROM students''') # execute an SQL statment  
  rv = cur.fetchall() #Retreive all rows returend by the SQL statment  
  Results=[]  
  for row in rv: #Format the Output Results and add to return string  
    Result={}  
    Result['Name']=row[0].replace('\n',' ')  
    Result['Email']=row[1]  
    Result['ID']=row[2]  
    Results.append(Result)  
  response={'Results':Results, 'count':len(Results)}  
  ret=app.response\_class(  
    response=json.dumps(response),  
    status=200,  
    mimetype='application/json'  
  )  
  return ret #Return the data in a string format  
if \_\_name\_\_ == "\_\_main\_\_":  
  app.run(host='0.0.0.0',port='8080', ssl\_context=('cert.pem', 'privkey.pem')) #Run the flask app at port 8080

<https://confluence.atlassian.com/bitbucketserver/basic-git-commands-776639767.html>

<https://www.digitalcitizen.life/command-prompt-how-use-basic-commands/>