# Xây dựng lớp Khách hàng

## Lớp Khách hàng (KhachHang.py)

from pydantic import BaseModel

class khach\_hang(BaseModel):

ma\_so : int

ho\_ten: str

doanh\_so: float

active: bool

email: str

## File chính main.py

from fastapi import FastAPI

from KhachHang import khach\_hang

import json

import os

app = FastAPI()

## API get thông tin khách hàng

@app.get("/khachhang/{maso}", tags=["customers"])

def lay\_khach\_hang(maso):

filename = f"./data/{maso}.json"

if os.path.exists(filename):

with open(filename, "r") as myfile:

return {

"success": True,

"data": myfile.read()

}

return {"success": False, "message":"Lỗi"}

## API thêm thông tin khách hàng

@app.post("/khachhang", tags=["customers"])

def them\_khach\_hang(data : khach\_hang):

mydata = {

"ma\_so": data.ma\_so,

"ma\_so": data.ma\_so,

"active": data.active,

"doanh\_so" : data.doanh\_so,

"email": data.email

}

jsonStr = json.dumps(mydata, indent=4)

with open(f"./data/{data.ma\_so}.json", "w") as file:

file.write(jsonStr)

# API upload file

from fastapi import FastAPI, File, UploadFile

from typing import List

import shutil

import os

UPLOAD\_DIRECTORY = os.getcwd()

@app.post("/image", tags=["UploadFile"])

async def image(image: UploadFile = File(...)):

with open(os.path.join(UPLOAD\_DIRECTORY, "data", image.filename), "wb") as buffer:

shutil.copyfileobj(image.file, buffer)

return {"filename": image.filename}

@app.post("/images", tags=["UploadFile"])

async def images(images: List[UploadFile] = File(...)):

for image in images:

with open(os.path.join(UPLOAD\_DIRECTORY, "data", image.filename), "wb") as buffer:

shutil.copyfileobj(image.file, buffer)