import os

# We'll render HTML templates and access data sent by POST

# using the request object from flask. Redirect and url\_for

# will be used to redirect the user once the upload is done

# and send\_from\_directory will help us to send/show on the

# browser the file that the user just uploaded

from flask import Flask, render\_template, request, redirect, url\_for, send\_from\_directory

from werkzeug import secure\_filename

# Initialize the Flask application

app = Flask(\_\_name\_\_)

# This is the path to the upload directory

app.config['UPLOAD\_FOLDER'] = 'uploads/'

# These are the extension that we are accepting to be uploaded

app.config['ALLOWED\_EXTENSIONS'] = set(['txt', 'pdf', 'png', 'jpg', 'jpeg', 'gif'])

# For a given file, return whether it's an allowed type or not

def allowed\_file(filename):

return '.' in filename and \

filename.rsplit('.', 1)[1] in app.config['ALLOWED\_EXTENSIONS']

# This route will show a form to perform an AJAX request

# jQuery is loaded to execute the request and update the

# value of the operation

@app.route('/')

def index():

return render\_template('index.html')

# Route that will process the file upload

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

def upload():

# Get the name of the uploaded files

uploaded\_files = request.files.getlist("file[]")

filenames = []

for file in uploaded\_files:

# Check if the file is one of the allowed types/extensions

if file and allowed\_file(file.filename):

# Make the filename safe, remove unsupported chars

filename = secure\_filename(file.filename)

# Move the file form the temporal folder to the upload

# folder we setup

file.save(os.path.join(app.config['UPLOAD\_FOLDER'], filename))

# Save the filename into a list, we'll use it later

filenames.append(filename)

# Redirect the user to the uploaded\_file route, which

# will basicaly show on the browser the uploaded file

# Load an html page with a link to each uploaded file

return render\_template('upload.html', filenames=filenames)

# This route is expecting a parameter containing the name

# of a file. Then it will locate that file on the upload

# directory and show it on the browser, so if the user uploads

# an image, that image is going to be show after the upload

@app.route('/uploads/<filename>')

def uploaded\_file(filename):

return send\_from\_directory(app.config['UPLOAD\_FOLDER'],

filename)

if \_\_name\_\_ == '\_\_main\_\_':

app.run(

host="0.0.0.0",

port=int("80"),

debug=True

)