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import os from flask import Flask, Blueprint, request, render_template, redirect, url_for, flash, send_file from
werkzeug.utils import secure_filename import lzma app = Flask(__name__) app.config['MAX_CONTENT_LENGTH'] = 5
* 1024 * 1024 # Limit file size to 5MB UPLOAD_FOLDER = 'uploads' ALLOWED_EXTENSIONS = {'txt', 'pdf', 'docx'} #
Add more allowed file extensions if needed main_bp = Blueprint('main_bp', __name__, template_folder='./templates/')
def allowed_file(filename): return '.' in filename and filename.rsplit('.', 1)[1].lower() in ALLOWED_EXTENSIONS
@main_bp.route('/', methods=['GET', 'POST']) def index(): if request.method == 'POST': if 'file' not in request.files:
flash('No file part', 'error') return redirect(request.url) file = request.files['file'] if file.filename == '': flash('No selected
file', 'error') return redirect(request.url) if not allowed_file(file.filename): flash('Invalid file extension. Allowed
extensions: txt, pdf, docx', 'error') return redirect(request.url) if file and allowed_file(file.filename): filename =
secure_filename(file.filename) uploaded_file = os.path.join(app.root_path, UPLOAD_FOLDER, filename)
file.save(uploaded_file) print(uploaded_file) flash('File successfully compressed!', 'success') with open(uploaded_file,
'rb') as f_in: with lzma.open(os.path.join(app.root_path, UPLOAD_FOLDER, f'{filename}.xz'), 'wb') as f_out:
f_out.write(f_in.read()) compressed_filename = f'{filename}.xz' file_to_send = os.path.join(app.root_path,
UPLOAD_FOLDER, compressed_filename) response = send_file(file_to_send, as_attachment=True, download_name=f'
{filename}.xz', mimetype="application/x-xz") os.remove(uploaded_file) os.remove(file_to_send) return response return
redirect(url_for('main_bp.index')) return render_template('index/index.html')
```