```python
import numpy as np

import os

from PIL import Image

from flask import Flask, request, render_template, url_for

from werkzeug.utils import secure_filename, redirect

#from gevent.pywsgi import WSGIServer

from keras.models import load_model

from keras.preprocessing import image

from flask import send_from_directory

UPLOAD_FOLDER = 'F:\ibm\IBM-Project-50222-1660900453-main\Application Building\data'

app = Flask(_name_)

app.config['UPLOAD_FOLDER'] = UPLOAD_FOLDER

model = load_model("./models/mnistCNN.h5"

@app.route('/')

def index():

    return render_template('index.html')
```

```python
@app.route('/predict', methods=['GET', 'POST'])
def upload():
    if request.method == "POST":
        f = request.files["image"]
        filepath = secure_filename(f.filename)

f.save(os.path.join(app.config['UPLOAD_FOLDER'],
filepath))
upload_img = os.path.join(UPLOAD_FOLDER,
filepath)
        img = Image.open(upload_img).convert("L")
# convert image to monochrome
        img = img.resize((28, 28))
  # resizing
im2arr = np.array(img)  # converting to image
        im2arr = im2arr.reshape(1, 28, 28, 1)
pred = model.predict(im2arr)
return render_template('predict.html',
if _name_ == '_main_':
    app.run(debug=True, threaded=False)
```