flask import Flask, render\_template, request, redirect, url\_for

import sqlite3

import datetime

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

# Initialize database

def init\_db():

conn = sqlite3.connect('phishing.db')

c = conn.cursor()

c.execute('''

CREATE TABLE IF NOT EXISTS interactions (

id INTEGER PRIMARY KEY AUTOINCREMENT,

email TEXT,

action TEXT,

timestamp TEXT

)

''')

conn.commit()

conn.close()

@app.route('/')

def home():

return render\_template('home.html')

@app.route('/phish/<email>')

def phish(email):

# Track email open

log\_action(email, 'opened')

return render\_template('phishing\_email.html', email=email)

@app.route('/click/<email>')

def click(email):

log\_action(email, 'clicked')

return redirect(url\_for('awareness', email=email))

@app.route('/awareness/<email>')

def awareness(email):

log\_action(email, 'educated')

return render\_template('awareness.html', email=email)

def log\_action(email, action):

conn = sqlite3.connect('phishing.db')

c = conn.cursor()

c.execute('INSERT INTO interactions (email, action, timestamp) VALUES (?, ?, ?)',

(email, action, datetime.datetime.now()))

conn.commit()

conn.close()

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

init\_db()

app.run(debug=True)<h1>Welcome to Ethical Phishing Simulation</h1>

<p>This page allows admins to launch ethical phishing simulations.</p>

<h2>Urgent: Action Required</h2>

<p>Dear {{ email }}, please <a href="{{ url\_for('click', email=email) }}">click here</a> to update your credentials.</p>

<h2>Phishing Awareness</h2>

<p>You've just interacted with a phishing simulation. This was for training purposes only.</p>