How to run the vulnerability detection application

This document explains how to launch the vulnerable PHP web application, run the vulnerability detection program, and access the generated reports and documentation.

1. Open the web application

Open the vulnerable PHP application in your browser:

https://zwa.toad.cz/~krossale/vulnerable/app/models/home.php

2. Check the database (optional)

Go to the Adminer interface:

https://zwa.toad.cz/adminer/

Login: krossale

Password: xxxxxxxxxxx

If you want to get the login and password, write to me (**click here** ✉)

Navigate to the 'comments' table. If you see any <script> tags (used for testing XSS), delete them. If there are no such entries, you can continue.

3. Open the project folder

Open a terminal or PowerShell and run:

cd path/to/project

cd vulnerability_detector

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4. Install requirements

Install dependencies with:

pip install -r requirements.txt

python -m pip install --upgrade pip

5. Run the detector

Start the scanner with:

python run_vulnerability_detector.py

Reports will be saved in the 'reports/' folder. Logs will show which vulnerabilities were detected and where.

6. Generate documentation

From the main folder, run:

sphinx-apidoc -o docs/source vulnerability_detector

sphinx-build -b html -a -E docs/source docs/build/html

Then open 'docs/build/html/index.html' to read the documentation in your browser.