

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: `webove aplikace`

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.