Week 7 Automated Security Report

Generated: 2025-11-26 17:25:22

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Low",
  "payload": "' OR '1'='1",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Low",
  "payload": "' OR '1'='1' --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Low",
  "payload": "' UNION SELECT NULL,NULL --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Low",
  "payload": "' UNION SELECT username,password FROM users --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
}
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Medium",
  "payload": "' OR '1'='1",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
}
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Medium",
  "payload": "' OR '1'='1' --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
}
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Medium",
  "payload": "' UNION SELECT NULL,NULL --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
}
```

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Endpoint: http://localhost:8080/vulnerabilities/sqli/

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```
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  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "Medium",
  "payload": "' UNION SELECT username,password FROM users --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "High",
  "payload": "' OR '1'='1",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t
```

Vulnerability: SQL Injection

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "SQL Injection",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "severity": "High",
  "payload": "' OR '1'='1' --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t
```

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Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

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{
  "test": "SQL Injection",
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  "severity": "High",
  "payload": "' UNION SELECT NULL,NULL --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t
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{
  "test": "SQL Injection",
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  "severity": "High",
  "payload": "' UNION SELECT username,password FROM users --",
  "vulnerable": true,
  "status_code": 200,
  "evidence": "\r\n\r\n\r\n\r\n\r\n\t\r\n\r\n\t\t"
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.004817618719889883,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.004817618719889883,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "\">",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.005276439550355586,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

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Severity: MEDIUM

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  "type": "reflected",
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  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "\">",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.005276439550355586,
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  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
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{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "'\">",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.006194081211286993,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
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```

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  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "'\">␣",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.006194081211286993,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
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  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "
```

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  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "
```

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Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

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{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",



  "payload": "                                              ",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.011011699931176875,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "ALL_FIELDS",



  "payload": "                                              ",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.011011699931176875,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
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Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "□",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0077999541179169535,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

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{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "□",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0077999541179169535,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
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```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "';alert(1);//",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0020646937370956643,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "';alert(1);//",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0020646937370956643,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "name",
  "payload": "",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0041293874741913286,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: XSS

Endpoint: http://localhost:8080/vulnerabilities/xss_r/

Severity: MEDIUM

```
{
  "type": "reflected",
  "action_url": "http://localhost:8080/vulnerabilities/xss_r/",
  "method": "get",
  "injected_field": "ALL_FIELDS",
  "payload": "",
  "exact_reflection": true,
  "html_escaped_reflection": false,
  "rel_length_change": 0.0041293874741913286,
  "status_code": 200,
  "test": "XSS",
  "url": "http://localhost:8080/vulnerabilities/xss_r/"
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=999999

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
    "param": "id",
    "tested_value": "999999",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=1000000

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
    "param": "id",
    "tested_value": "1000000",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=999999

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
    "param": "id",
    "tested_value": "999999",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=1000000

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
    "param": "id",
    "tested_value": "1000000",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=999999

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
    "param": "id",
    "tested_value": "999999",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=1000000

Severity: HIGH

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{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
    "param": "id",
    "tested_value": "1000000",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=999999

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=999999",
    "param": "id",
    "tested_value": "999999",
    "status_code": 200
  },
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}
```

Vulnerability: Access Control / IDOR

Endpoint: http://localhost:8080/vulnerabilities/weak_id/?id=1000000

Severity: HIGH

```
{
  "test": "Access Control / IDOR",
  "url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
  "param": "id",
  "details": {
    "type": "idor_big_id_accessible",
    "tested_url": "http://localhost:8080/vulnerabilities/weak_id/?id=1000000",
    "param": "id",
    "tested_value": "1000000",
    "status_code": 200
  },
  "vulnerable": true
}
```

Vulnerability: default_credentials

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "default_credentials",
  "url": "http://localhost:8080/login.php",
  "username": "admin",
  "password": "password",
  "success": true,
  "status_code": 200
}
```

Vulnerability: default_credentials

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "default_credentials",
  "url": "http://localhost:8080/login.php",
  "username": "admin",
  "password": "admin",
  "success": true,
  "status_code": 200
}
```

Vulnerability: default_credentials

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "default_credentials",
  "url": "http://localhost:8080/login.php",
  "username": "root",
  "password": "root",
  "success": true,
  "status_code": 200
}
```

Vulnerability: default_credentials

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "default_credentials",
  "url": "http://localhost:8080/login.php",
  "username": "test",
  "password": "test",
  "success": true,
  "status_code": 200
}
```

Vulnerability: brute_force_simulation

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "brute_force_simulation",
  "url": "http://localhost:8080/login.php",
  "username": "admin",
  "password_tried": "password",
  "success": true,
  "status_code": 200
}
```

Vulnerability: cookie_flags

Endpoint: http://localhost:8080

Severity: MEDIUM

```
{
  "test": "cookie_flags",
  "url": "http://localhost:8080",
  "cookies": [
    {
      "header": "",
      "name": "",
      "has_secure": false,
      "has_httponly": false,
      "same_site": null
    }
  ]
}
```

Vulnerability: session_fixation

Endpoint: http://localhost:8080/login.php

Severity: HIGH

```
{
  "test": "session_fixation",
  "url": "http://localhost:8080/login.php",
  "cookie_name": "PHPSESSID",
  "pre_login_value": "FIXATION_TEST_12345",
  "post_login_value": "FIXATION_TEST_12345",
  "vulnerable": true
}
```

Vulnerability: session_hijack

Endpoint: http://localhost:8080/vulnerabilities/sqli/

Severity: HIGH

```
{
  "test": "session_hijack",
  "url": "http://localhost:8080/vulnerabilities/sqli/",
  "cookie_name": "PHPSESSID",
  "cookie_value": "3o8qmu90pl2a7fie9shq1esfn0",
  "attacker_access_success": true,
  "status_code": 200
}
```