Security Technical Operational Report

# Technical Security Assessment Report

## Technical Summary [TECHNICAL\_SUMMARY\_PLACEHOLDER]

## Vulnerability Analysis

### Code Security Issues [CODE\_SECURITY\_PLACEHOLDER]

### Dependency Vulnerabilities [DEPENDENCY\_VULNERABILITIES\_PLACEHOLDER]

### Architecture Security Review [ARCHITECTURE\_REVIEW\_PLACEHOLDER]

## Detailed Technical Findings

### Critical Vulnerabilities [CRITICAL\_TECHNICAL\_FINDINGS\_PLACEHOLDER]

### High-Risk Issues [HIGH\_RISK\_TECHNICAL\_FINDINGS\_PLACEHOLDER]

### Medium-Risk Issues [MEDIUM\_RISK\_TECHNICAL\_FINDINGS\_PLACEHOLDER]

## Security Testing Results [SECURITY\_TESTING\_RESULTS\_PLACEHOLDER]

## Technical Recommendations [TECHNICAL\_RECOMMENDATIONS\_PLACEHOLDER]

## Implementation Guidelines [IMPLEMENTATION\_GUIDELINES\_PLACEHOLDER]

## Security Monitoring and Alerting [MONITORING\_RECOMMENDATIONS\_PLACEHOLDER]

## Scan Summary

- Total findings: 15

- HIGH: 1

- MEDIUM: 5

- LOW: 3

- INFO: 6

## Findings

- Hardcoded Credentials (HIGH) — app\auth.py:6  
 Recommendation: Refer to template remediation.

- WEAK-CRYPTO-MD5 (MEDIUM) — app\auth.py:0  
 Recommendation: Refer to template remediation.

- INSECURE-TEMPFILE (LOW) — app\file\_upload.py:9  
 Recommendation: Refer to template remediation.

- POTENTIAL-XSS-TEMPLATE (MEDIUM) — app\patient\_routes.py:2  
 Recommendation: Refer to template remediation.

- POTENTIAL-XSS-TEMPLATE (MEDIUM) — app\patient\_routes.py:4  
 Recommendation: Refer to template remediation.

- POTENTIAL-XSS-TEMPLATE (MEDIUM) — app\patient\_routes.py:12  
 Recommendation: Refer to template remediation.

- JS-DEPENDENCY-POTENTIAL-RISK (LOW) — package.json:0  
 Recommendation: Refer to template remediation.

- JS-DEPENDENCY-POTENTIAL-RISK (LOW) — package.json:0  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:1  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:2  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:3  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:4  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:5  
 Recommendation: Refer to template remediation.

- DEPENDENCY-VERSION-PIN (INFO) — requirements.txt:6  
 Recommendation: Refer to template remediation.

- DEPENDENCY-POTENTIALLY-RISKY (MEDIUM) — requirements.txt:6  
 Recommendation: Refer to template remediation.

## Repository Context

- policy: policies\access\_control\_policy.md

- policy: policies\breach\_response\_policy.md

- policy: policies\privacy\_policy.md

-- End of report (generated locally) --