

# pi\_Sage - Final Feature Lists

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## Final Project – Assignment 6 / PP4

### 1. Real-Time Threat Analysis

- Analyze Nmap scan results for suspicious patterns.
- Generate risk scores or threat levels per host/service.

### 2. Scan Scheduling

- Allow users to schedule recurring scans (daily, weekly).
- Store scan history and allow trend analysis.

### 3. Authentication and User Roles

- Secure login system for access control.
- Role-based permissions (admin vs. read-only users).

### 4. Export and Reporting Tools

- Export scan results as JSON, CSV, or PDF.
- Generate automated summary reports.

### 5. Raspberry Pi Optimization

- Optimize performance and memory usage for Raspberry Pi deployment.
- Optional headless dashboard or CLI-only interface.