Name - Shubham Yadav

Terminal Output :

```
Enter user_id: pawan
You: Malicious Python script executed
AI (pawan):  Previous issues found: An alert was issued for a malicious Python script executio
n on Host LAB-07 (Incident #006). The incident was resolved by stopping the script, performing
 malware analysis, and cleaning the environment.
Suggested fix: Perform a thorough scan of the Host LAB-07 to ensure no residual threats remain
.
Severity: High Alert
Structured Output:  {
  "response": " Previous issues found: An alert was issued for a malicious Python script execu
tion on Host LAB-07 (Incident #006). The incident was resolved by stopping the script, perform
ing malware analysis, and cleaning the environment.\nSuggested fix: Perform a thorough scan of
 the Host LAB-07 to ensure no residual threats remain.\nSeverity: High Alert",
  "extracted_entities": {
    "Severity": "High"
  }
}


Enter user_id: █
```

- powershell
- uvicorn
- streamlit
- powershell
- powershell
- python
- powershell
- cmd
- powershell

```
Enter user_id: shubham
You: Multiple failed SSH logins
AI (shubham):  Previous issue found: Multiple failed SSH logins have been detected on SRV-LNX-
01 in Incident #001.

Suggested fix/solution: Block the source IP (10.1.1.9), reset the password, and enable Multi-F
actor Authentication (MFA).

(Severity: HIGH ALERT)
Structured Output:  {
  "response": " Previous issue found: Multiple failed SSH logins have been detected on SRV-LNX
-01 in Incident #001.\n\nSuggested fix/solution: Block the source IP (10.1.1.9), reset the pas
sword, and enable Multi-Factor Authentication (MFA).\n\n(Severity: HIGH ALERT)",
  "extracted_entities": {
    "IP": "10.1.1.9"
  }
}


Enter user_id: █
```

FastAPI :

FastAPI 0.1.0 OAS 3.1
/openapi.json

default ⌃

| POST | **/ask/** Ask Query | ⌄ |

| POST | **/history/** Get History | ⌄ |

| GET | **/** Read Root | ⌄ |

| Schemas | ⌃ |

Streamlit :

Enter your Details

Enter your User ID

pawan

Enter your Question

Multiple failed SSH logins

Clear History

💡 Incident RAG Investigation System

Welcome to your virtual IT support assistant! Please enter your **User ID** and *Incident-related question** below to get instant support.

💬 Conversation History

Ask

○ Analyzing your request...

Powered by Streamlit, FastAPI, and OpenAI's GPT