



Accenture Innovation Challenge

Team: Threat Scouts

Product: Risk Radar

> TEAM DETAILS



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Year of Graduation: 2025



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PROBLEM STATEMENT

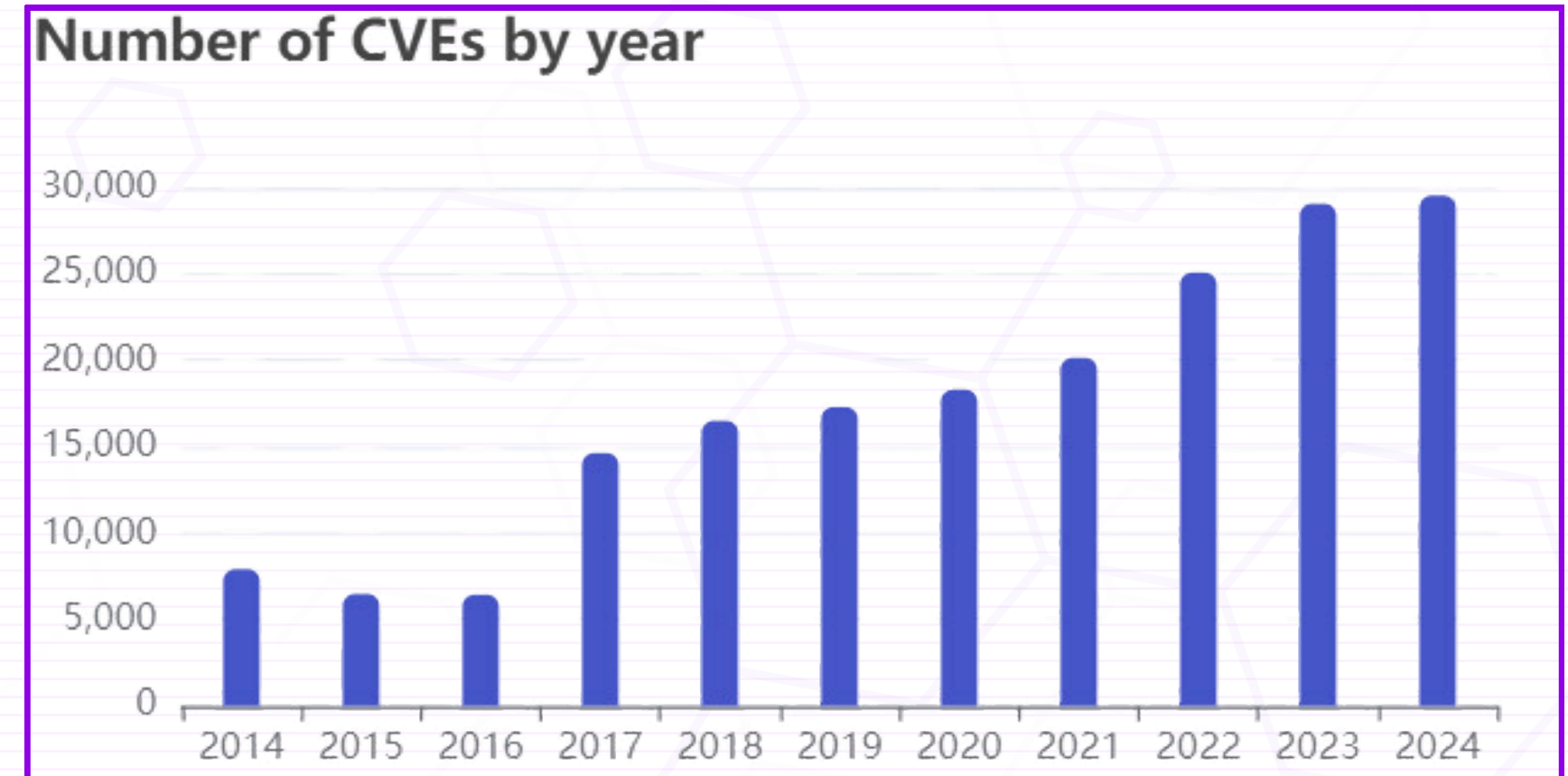
"Cybersecurity vendors face increasing challenges in monitoring and responding to critical vulnerabilities across platforms."

Rising Cybersecurity Threats:

- Organizations struggle to keep up with the **rapidly increasing vulnerabilities** in **IT and OT** equipment.
- **Manually tracking** Critical and High Severity vulnerabilities is **inefficient**, leading to delayed responses.
- **Lack of automated, real-time detection** tools for vendors to address newly discovered threats.

Challenges for Cybersecurity Vendors:

- **Monitoring vulnerabilities** across multiple platforms is **time-consuming** and often **inaccurate**.
- **Absence of secure, immutable data storage** for tracking vulnerabilities.
- **Scalability issues** for organizations with multiple vendors and equipment types.

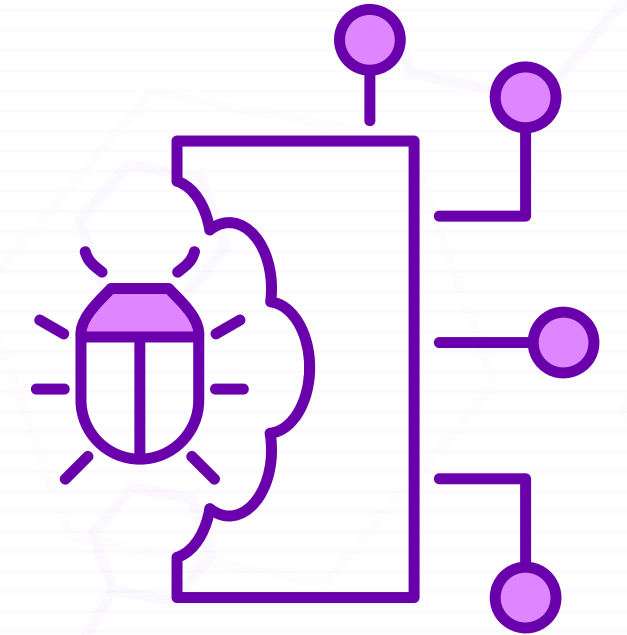


PROPOSED SOLUTION: RISK RADAR

Risk Radar is designed to revolutionize cybersecurity management through automation and cutting-edge technology. It operates with **real-time web scraping**, **detecting vulnerabilities from multiple vendor websites** and ensuring immediate response. The system also ensures **decentralized, tamper-proof storage** of data using blockchain, safeguarding against manipulation and providing secure records.

Key features include:

- **Gen AI technology:** Risk Radar analyzes vulnerabilities and generates actionable mitigation strategies, enhancing response efficiency.
- **Multi-threaded operations:** This feature allows simultaneous monitoring for various organizations, ensuring no vendor is left unmonitored.
- **Automated vendor notifications:** The system alerts vendors as soon as vulnerabilities are detected, ensuring swift remediation.

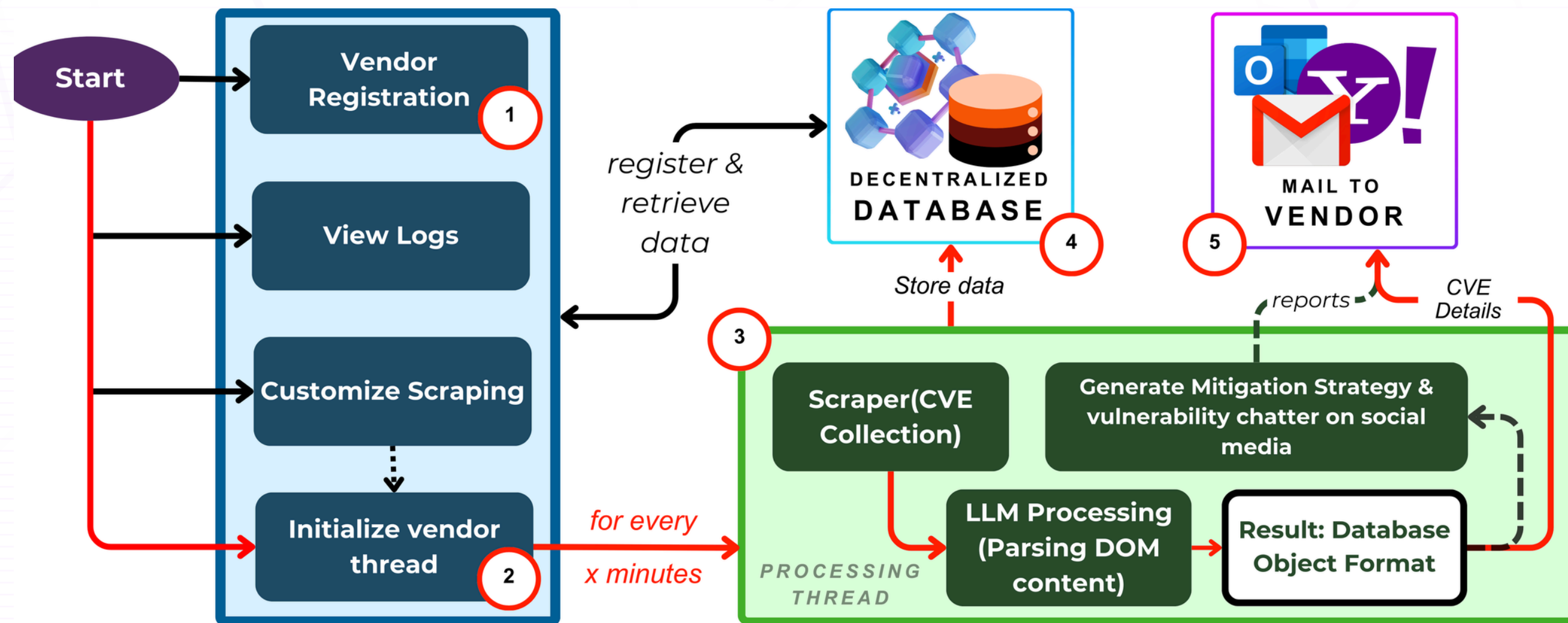


Risk Radar also offers:

- **Customizable scraping operations**, allowing organizations to tailor their monitoring processes based on specific requirements.
- A user-friendly dashboard for **tracking and managing vulnerabilities**, making it simple for users to register and track threats.
- **Cost-effectiveness** through blockchain technology, reducing the need for expensive infrastructure.

ACCELERATING CHANGE THROUGH TECHNOLOGY

- **Automation-Driven Monitoring:** Real-time web scraping automates vulnerability detection, reducing manual efforts.
- **Blockchain Security:** Decentralized, tamper-proof storage ensures data integrity and security.
- **LLM Insights:** AI-powered analysis provides real-time mitigation strategies for faster responses.
- **Scalable Solution:** Multi-threaded operations allow simultaneous monitoring across multiple vendors, enhancing efficiency.
- **Cost-Effective:** Automation and blockchain technology reduce operational costs while improving reliability.



HOW IS RISK RADAR UNIQUE?

- **Blockchain Integration:** Unique use of decentralized, immutable storage for secure vulnerability tracking.
- **LLM-Powered Mitigation:** Offers AI-driven, actionable strategies that differentiate it from other tools.
- **Customizable Operations:** Tailored scraping processes provide flexibility for various organizational needs.
- **Multi-Threaded Monitoring:** Ensures efficient, scalable tracking of vulnerabilities across platforms.
- **Holistic Solution:** Combines AI, automation, and blockchain into a comprehensive cybersecurity tool.

PROTOTYPE INFORMATION

- Patent filed: **No**
- Do you have a working model/prototype: **No**
- If not, will you be able to show working prototype during finale. **Yes**

IDEA VIDEO

DOWNLOAD THE VIDEO HERE