

Sprint Planning Meeting Minutes:

11/10/25

Project:

Cybersecurity: Profiling Ransomware Attacks via Web Crawling and Textual Analysis

Product owner: Weidong Zhu

Attendees:

- Elvis Nakamura,
- Pedro Loor,
- Kevin Montenegro,
- Luis Salgado,
- Jordan Arteaga

Start time: 7:30pm

End time: 8:30pm

After discussion, the velocity of the team was estimated to be:

25 Story points / week

The product owner chose the following user stories to be done during the next sprint. They are ordered based on their priority.

- **User Story: (User Story A)** - Analyze the dataset section related to attack vectors and exfiltration techniques using LLM tools. Identify how ransomware spreads, gains access, and extracts data from victims. Summarize findings to highlight key technical behaviors observed across incidents.
- **User Story: (User Story B)** - Use LLM analysis to study the economic and legal impact of ransomware. Identify how ransomware affects organizations, governments, and global markets. Summarize insights on financial loss, recovery costs, and evolving legal frameworks.
- **User Story: (User Story C)** - Research mitigation, defense tools, and AI-driven prevention methods using the dataset provided. Identify current defense mechanisms, response strategies, and applications of artificial intelligence in ransomware detection and prevention.
- **User Story: (User Story D)** - Use a web crawler to collect a large dataset of ransomware-related texts and articles. Ensure data variety and accuracy across

sources. Provide the cleaned dataset to the team for subsequent LLM-based analysis.

- **User Story: (User Story E)** - Analyze the dataset to identify ransomware families and tactics using LLM tools. Classify ransomware types, patterns, and operational methods. Summarize key findings on evolving techniques used by threat actors.

LUIS - User Story A

PEDRO - User Story B

ELVIS - User Story C

JORDAN - User Story D

KEVIN - User Story E