

Sprint Retrospective Meeting Minutes

Attendees: Aykhan Pashayev, Charlie Iglesias, Cheng Zhang, Alex Linghay Eng, Nicolas Su Nobrega

Start Time: 6:50 PM EST

End Time: 7:25 PM EST

Meeting Notes:

As a team, we reflected on the previous Sprint and discussed what each person contributed, what worked well, and what did not go according to plan. We reviewed both completed and incomplete user stories and identified concrete improvements for the next Sprint. The discussion focused on

What went Right:

- All team members completed their assigned tasks and maintained strong communication throughout the sprint.
- The majority of planned user stories were completed successfully.
- CloudTrail logs were successfully parsed, normalized, and structured, creating a reliable data foundation for anomaly detection and UI integration.
- Initial detection pipeline is now functional and testable.
- Simulated attack scenarios enabled validation of detection logic.

What went Wrong:

- Some backend tasks required more time than estimated, which delayed front-end dashboard progress.
- UI development slowed due to dependency on finalized backend data formats.
- Certain CloudTrail logs contained unexpected or missing fields, which complicated feature extraction and required additional normalization logic.
- AI explanation logic was explored but not fully implemented.

How to Address Issues:

- Break large user stories into smaller subtasks with clearer acceptance criteria.
- Define UI dashboard requirements more concretely before implementation.

- Create a CloudTrail log validation checklist to handle edge cases before feature extraction.
- Improve estimation accuracy by including buffer time for unexpected log schema variations.
- Begin structured integration planning between Flask API and UI layer.