

Sprint Planning Minutes

Attendees: Maksim Kharutski, Deryn Hurst, Nicholas Merjeh, Myckheal Hosang, Tuntufye Mwakalasya

Start time: 8 pm

End time: 9 pm

After discussion, the velocity of the team was estimated to be one story per person per sprint.

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

1. Logic Edge-Case Validation: Completed a full "Time-Travel" simulation in the staging environment, verifying that the 7/4/12 retention logic correctly identifies and protects the specific yearly and monthly snapshots while purging redundant daily files without a single "false positive" deletion.
2. Dashboard Accuracy Audit: Cross-referenced the automated dashboard's projected cost savings against actual cloud billing APIs and storage metrics; confirmed that the financial reporting is accurate within a 1% margin of error before going live.
3. Alerting Resilience Test: Conducted a "Silent Failure" drill by intentionally interrupting the dry-run job's network connection; verified the system correctly identifies the timeout and successfully posts a "Fail: Connectivity Issue" status to the team chat rather than failing silently.
4. Cold Storage Retrieval Drill: Validated the secondary cloud region's transition rule by manually forcing a subset of test data into the Archive tier, then successfully performed a "Restore and Read" operation to ensure data remains recoverable despite the lower-cost storage state.
5. Security Signature Stress-Test: Executed a "Bit-Flip" simulation on a sample backup manifest to intentionally invalidate its HMAC signature; confirmed the security trigger successfully identified the tampering and pushed a high-priority alert to the security channel in under 15 seconds.

The team members indicated their willingness to work on the following user stories.

- Deryn Hurst
 - I want to compare row-count and hash consistency trends over time to detect silent data corruption early.
- Maksim Kharutski
 - As a developer, I want to track the "Time-to-Restore" for each engine to ensure we meet Recovery Time Objectives (RTO).

- Nicholas Merjech
 - I want to view specific exception messages (e.g., "Row count mismatch") directly on the UI for faster root-cause analysis.
- Tuntufye Mwakalasya
 - As an engineer, I want a high-level success/failure toggle for the 5 supported databases so I can immediately verify global backup health.
- Myckheal Hosang
 - I want a log of all simulated sabotage events to confirm the validation logic is being actively stress-tested.