

## **Sprint Review Meeting Minutes**

Attendees: Monisha Kummari, Gabriel Xirinachs, Chloe Lindsay, Maria Vega Gonzalez, Jabbar Morla

Start time: 5:00 PM

End time: 5:30 PM

After a show and tell presentation, the implementation of the following user stories were accepted by the product owners:

- User Story #10: Model Comparison & Final Model Selection (Final comparison between supervised and anomaly detection approaches completed and the final fraud detection model selected based on evaluation metrics.)
- User Story #12: Inference Pipeline Creation (The inference pipeline was finalized and validated to load trained models and generate fraud predictions consistently.)
- User Story #13: Backend API Implementation (A working backend API framework was implemented using a structured application setup capable of serving model predictions.)
- User Story #14: Fraud Prediction API Endpoints (API endpoints were implemented to receive transaction inputs and return fraud predictions, probability scores, and anomaly detection results. Endpoints were tested using Postman.)

The following ones were rejected and moved back to the product backlog to be assigned to a future sprint at a future Spring Planning meeting.

- User Story #9: Anomaly Detection Model Implementation (Anomaly detection model was implemented and evaluated, but further refinement and documentation of threshold behavior and edge-case testing are still needed.)
  - How this should be reflected on the user story definition in Mingle:
    - Stories #10, #11, #12, #13 and #14 marked as Done.
    - Stories #9 moved back to the backlog with updated notes and re-prioritized for Sprint 5