

Sprint Review Meeting Minutes

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

Start time: 4:00 PM

End time: 4:30 PM

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

- User Story #4: Data Cleaning & Preprocessing (Data cleaning, preprocessing, feature scaling, and class imbalance handling were completed. A stable preprocessing pipeline was validated and documented for use in model training.)
- User Story #5: Project Scope & Success Metrics Definition (Problem statement, objectives, and fraud detection success metrics were finalized. Evaluation criteria using precision, recall, and ROC-AUC were clearly defined and documented to guide model comparison and selection.)
- User Story #7: Baseline Logistic Regression Model (The Logistic Regression model was successfully trained and evaluated. Performance metrics were generated and visualized, establishing a clear baseline for fraud detection.)
- User Story #8: Random Forest Model & Model Comparison (The Random Forest model was trained and evaluated. A comparison against the baseline model using precision, recall, and ROC-AUC was completed, and preliminary model selection rationale was drafted.)

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 #6: Feature Engineering (Feature engineering was largely completed; however, minor refinements and final consistency checks across models remain and will be finalized in the next sprint.)
 - How this should be reflected on the user story definition in Mingle:
 - Stories #4, #5, #7 and #8 marked as Done.
 - Stories #6 moved back to the backlog with updated notes and re-prioritized for Sprint 3