

Sprint Retrospective Meeting — FitLabel

Meeting Type: Sprint Retrospective

Project: FitLabel

Attendees: Brian Cardona, Edima Nyong, Enrique Rodriguez, Matias Casal, Matthew Privat

Start Time: 8:00 PM

End Time: 8:50 PM

Purpose

The team reviewed their performance during Sprint 2, evaluated completed FitLabel work products, and reflected on successes and challenges encountered over the two-week sprint.

Discussion Summary

What Went Right

- Scan history search and delete functionality was completed ahead of schedule, giving time for thorough testing.
- Camera enhancements (frame guide, flashlight toggle) came together well — live testing across lighting conditions validated the improvements.
- OCR multi-line recognition improvements were measurable — ingredient extraction accuracy increased noticeably on complex labels.
- Team communication remained consistent throughout the sprint; daily scrums kept everyone aligned on blockers.
- Database migration planning (JSON to PostgreSQL) was well-researched and the schema design was agreed on by end of sprint.

What Went Wrong

- Login authentication issues persisted longer than expected — debugging took up a significant portion of Matthew's sprint capacity.
- Database migration was planned but not fully completed by end of sprint — will carry over to Sprint 3.
- Some OCR optimization work required more testing iterations than estimated, slightly delaying other tasks.

Lessons Learned

- Authentication systems require more lead time than expected — complex debugging should be started earlier in the sprint.
- Breaking OCR improvements into smaller testable increments made progress easier to track and validate.
- Coordinating on shared infrastructure (database setup) early prevents bottlenecks when multiple team members depend on it.
- Daily standups helped surface the login blocker early enough to adjust priorities before the end of sprint.

Follow-Up From Previous Retrospective

- GitHub workflow issues from Sprint 1 were fully resolved — all team members comfortable with branching and pull requests.
- Research-first approach from Sprint 1 retro was applied: team researched PostgreSQL integration before starting implementation.
- Roles remained clear throughout the sprint with no overlap or confusion in task ownership.
- The login authentication issue identified late in Sprint 1 was formally tracked and assigned to Matthew for Sprint 2 — partially resolved, will be completed in Sprint 3.