

Backlog Grooming Meeting

Attendees:

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

Start time: 7:00 PM

End time: 7:30 PM

Purpose of Meeting

The team met to refine and update backlog items based on progress from the current sprint. Since most core features have been implemented, the focus has shifted toward testing, debugging, and completing remaining backend functionality such as login and user profile history.

Backlog Updates & Refinements

1. Login & Authentication (Matthew + Brian)

- Continued development of login system
- Broke down into remaining tasks:
 - o Complete user authentication flow
 - o Ensure secure storage of user credentials
 - o Connect login system with database
 - o Test login functionality across different scenarios

Notes:

Login functionality remains the primary incomplete feature and is a high priority.

2. User Profile & Scan History (Brian)

- Continued backend development for storing user scan history
- Tasks refined into:
 - o Store scan results under user profiles
 - o Retrieve scan history per user
 - o Ensure correct linking between users and their data

Notes:

This feature depends on login completion and database integration.

3. System Testing & Debugging (All Members)

- Since most features are complete, all members are focused on testing
- Tasks include:
 - o Testing camera scanning functionality
 - o Testing OCR accuracy and edge cases
 - o Testing UI display for correctness
 - o Identifying and fixing bugs across the system

Notes:

Testing is now the main focus to ensure system stability before finalizing the sprint.

4. Barcode Scanning Integration (Edima)

- Continued development of barcode scanning using external databases
- Tasks refined into:
 - o Improve barcode detection accuracy
 - o Connect barcode results with product data
 - o Test barcode scanning workflow

Notes:

This feature is being tested alongside other scanning features.

5. Output / UI Refinement (Enrique)

- Continued improving how scan results are displayed
- Tasks include:
 - o Improve readability of ingredient and nutrition data
 - o Ensure UI updates correctly with new data
 - o Fix any display inconsistencies

Notes:

UI is mostly complete, now focused on polish and bug fixes.

6. OCR Testing & Refinement (Matias)

- Google Vision OCR fully implemented
- Tasks refined into:
 - o Test OCR with various label formats
 - o Improve consistency of extracted text
 - o Fix incorrect or missing text outputs

Notes:

OCR is functional but requires testing to improve reliability.

Priority Decisions

- Highest Priority:
 1. Login and authentication completion
 2. User profile and scan history integration
- Medium Priority:
 3. System-wide testing and debugging
 4. OCR reliability improvements
- Lower Priority:
 5. UI polish and barcode scanning improvements

Key Discussion Points

- The team agreed that most features are complete, and the focus should now be on testing and integration
- Login and backend functionality remain the main blockers for full system completion
- Continuous testing is necessary to identify bugs and ensure all components work together

Outcome

- Backlog items were updated to reflect a shift from development to testing and integration
- Remaining backend features were prioritized
- The team aligned on focusing efforts toward completing login and ensuring system stability