

Sprint Backlog Grooming Meeting 3_9_2026

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

Start time: 7:00 PM

End time: 7:30 PM

The following user stories were created/discussed/refined/prioritized.

- The team reviewed the user stories defined during the sprint planning meeting.
- Several large user stories were discussed and broken into smaller tasks so development could progress more smoothly.
- The product owner clarified expectations for OCR accuracy, camera usability, scan output readability, and account security features.
- The team also discussed technical improvements such as moving stored scan data from JSON files to a server-based database in the future.

The user stories below were discussed and refined:

- User Story: As a user, I want the OCR to extract text accurately so that ingredient and nutrition data are reliable.
- User Story: As a user, I want the system to automatically enhance image contrast and sharpness before scanning so that blurry images are easier to read.
- User Story: As a user, I want the OCR to properly recognize multi-line ingredient lists so that no information is skipped.
- User Story: As a user, I want the system to auto-correct tilted or rotated images so that I do not need to perfectly align the label.
- User Story: As a user, I want the scan to process quickly so that I receive results without delay.
- User Story: As a user, I want to scan labels directly using my camera so that I do not need to upload images manually.
- User Story: As a user, I want the camera to auto-focus on text so that scans are clearer.
- User Story: As a user, I want to preview the captured image before processing so that I can retake it if needed.
- User Story: As a user, I want a flashlight option so that I can scan in low-light environments.
- User Story: As a user, I want an on-screen frame guide so that I can align the nutrition label properly.
- User Story: As a user, I want previous scans saved so that I can review them later.
- User Story: As a user, I want each scan to display the date and time it was performed.
- User Story: As a user, I want to delete individual past scans so that I can manage my

records.

- User Story: As a user, I want to search my past scans by keyword so that I can quickly find specific products.
- User Story: As a user, I want the option to clear all saved scans at once.
- User Story: As a user, I want detected allergens to be clearly highlighted so that I can quickly identify risks.
- User Story: As a user, I want a summarized nutritional overview so that I can evaluate the product more efficiently.
- User Story: As a user, I want flagged ingredients to include short explanations so that I understand potential concerns.
- User Story: As a user, I want a simple visual breakdown of calories and macronutrients.
- User Story: As a user, I want the ability to export scan results as a PDF or text file.
- User Story: As a user, I want to create an account so that my scan history can be saved.
- User Story: As a user, I want secure login credentials so that my data remains private.
- User Story: As a user, I want to reset my password if forgotten so that I can regain access to my account.
- User Story: As a user, I want my session to remain active securely so that I do not have to log in repeatedly.
- User Story: As a user, I want to view and edit my profile information.

Decisions made during the meeting:

- Large user stories were broken into smaller tasks to make development easier to manage.
- The team agreed that upcoming work will continue focusing on OCR improvements, camera scanning functionality, output organization, and stabilizing login/account systems.
- The team discussed potentially migrating scan history and login data from JSON storage to a server-based database such as PostgreSQL in the future.
- The product owner confirmed that these user stories meet the team's definition of ready for future sprints.