

Audit User Stories (Josh)

User can initiate an audit for a room

- User navigates to the audit dashboard.
- User scans a room barcode.
- User confirms new audit with message prompt.
 - If invalid barcode is scanned, User is notified:
 - User clicks ok to acknowledge
- System retrieves and displays the list of items assigned to the scanned room.
- Audit session is initialized with the room details.

User can scan and verify items in a room

- User scans an item barcode.
- System verifies if the item is assigned to the scanned room.
- If the item is assigned to the room:
 - System marks the item as found in the audit record.
- If the item is not assigned to the scanned room:
 - System prompts the user to confirm and adds a note with the room number where the item was found.
- User continues scanning all items in the room.

User can finalize and submit audit session

- Once all items are scanned, the user submits the audit.
- System generates an audit report summarizing:
 - Items found in the correct room.
 - Items found in a different room (noted).
 - Missing items (items assigned to the room but not scanned).
- User confirms the submission.
- System records the audit session with a timestamp and the user who performed the audit.

User can review past audits

- User navigates to the audit history page.
- System displays a list of past audits, including date, location, Auditor, and Items missing
- User can filter past audits by building, room, date, Auditor, or missing items.
- User selects an audit to view detailed results.

User can update audit notes

- User navigates to the audit history page.
- User selects a completed audit.

- User adds additional notes or comments regarding discrepancies or corrections.
- System updates the audit record.

User can export audit reports

- User selects an audit record.
- User clicks on Export Report.
- System generates a CSV or PDF report containing:
 - Room details
 - Items found
 - Missing items
 - Notes for misplaced items

Stretch Goal: User receives alerts for missing items

- After an audit is completed, if items are marked as missing, the system:
 - Flags them in the inventory system.
 - Notifies the responsible department or admin.
 - Suggests a follow-up audit.