Store PID Allotment Screen

When This Screen Appears

This screen appears when: - User clicks on "Store PID Allotment" in the sidebar navigation - Used to assign Physical Inventory Display locations (PIDs) to auditors - Manages audit task distribution within a single store

Complete UI Breakdown

Store Header

Store Identification - Store name displayed prominently (e.g., "Chennai Central") - Subtext: Location and Store ID (e.g., "Tamil Nadu | Store ID: MP001")

Status Metrics (5 boxes in a row) 1. Total PIDs: 15 (total locations in store) 2. Assigned: 5 (PIDs allocated to auditors) 3. Unassigned: 10 (PIDs available for assignment) 4. In Progress: 1 (currently being audited) 5. Completed: 1 (finished PIDs)

PID Management Section

Section Title: "PID Management" with icon

Search and Filter Bar - Search field: "Search by PID, description, or auditor..." - Filters PIDs as user types - Filter buttons (3 buttons): 1. "All PIDs" (default, shows all) 2. "Not Assigned" (shows only unassigned PIDs) 3. "Reassign" (shows PIDs that can be reassigned)

Action Buttons (Top Right) - "Assign (0)" button - disabled when no PIDs selected - Number shows count of selected PIDs - Becomes enabled when checkboxes are checked - "Bulk Reassign (0)" button - disabled when no PIDs selected - Allows reassigning multiple PIDs at once

PID Table

Table Columns: 1. Checkbox (for selection) 2. PID Number (e.g., PID001, PID002) 3. SKU Count (number of products in this location) 4. Description (location code like A1-56, B6-7) 5. Assign Status (Not Assigned / Assigned) 6. Audit Status (Pending / Not Started / In Progress / Completed) 7. Auditor Name (person assigned, or "-" if unassigned) 8. Actions (Reassign button when applicable)

Sample Rows:

PID001 (Assigned, In Progress) - SKUs: 245 - Description: A1-56 - Status: Assigned, In Progress - Auditor: Amit Singh - Checkbox: Disabled (can't reassign while in progress) - No action button

PID002 (Not Assigned) - SKUs: 189 - Description: B6-7 - Status: Not Assigned, Pending - Auditor: - - Checkbox: Enabled - No action button yet

PID004 (Assigned, Not Started) - SKUs: 156 - Description: A3-45 - Status: Assigned, Not Started - Auditor: Priya Reddy - Checkbox: Enabled - Action: Reassign button available

PID009 (Completed) - SKUs: 198 - Description: C7-12 - Status: Assigned, Completed - Auditor: Amit Singh - Checkbox: Disabled (completed work can't be reassigned) - No action button

Interaction Behavior

Filter Buttons

Clicking "All PIDs": - Shows complete PID list - Button highlights in blue - Displays all statuses

Clicking "Not Assigned": - Filters to show only unassigned PIDs - Highlights PIDs needing auditor assignment - Button highlights in blue

Clicking "Reassign": - Shows PIDs that are assigned but not started - Allows changing auditor assignments - Useful for workload rebalancing

Checkboxes

Checking a PID checkbox: - Row highlights - Count in "Assign" or "Bulk Reassign" button increases - Multiple PIDs can be selected

Select all checkbox (in header): - Checks all eligible PIDs - Disabled PIDs remain unchecked - Quick way to select multiple PIDs

Assign Button

When PIDs are selected: 1. "Assign (X)" button becomes enabled 2. Number shows count of selected PIDs 3. Clicking button opens assignment dialog

Assignment dialog contains: - List of available auditors - Option to select auditor - Confirm button to assign

After assignment: - Selected PIDs update to "Assigned" status - Auditor name appears in table - Checkboxes deselect - Assign button resets to disabled

Reassign Button (Individual)

Clicking Reassign button on a row: 1. Opens reassignment dialog 2. Shows current auditor 3. Lists alternative auditors 4. User selects new auditor 5. Confirms reassignment

After reassignment: - Row updates with new auditor name - Maintains "Not Started" status - Work remains in queue

Bulk Reassign Button

When multiple assigned PIDs are selected: 1. Button becomes enabled 2. Clicking opens bulk reassignment dialog 3. Can assign all selected PIDs to one auditor 4. Or distribute among multiple auditors

Bulk assignment options: - Assign all to one person - Evenly distribute among selected auditors - Custom distribution

Search Field

As user types: - Table filters to matching PIDs - Searches PID number, description, and auditor name - Results update in real-time

Empty search: - Shows all PIDs (respecting button filters)

Purpose of Every Action

PID Management:

- Breaks store into manageable sections
- Each PID represents a physical location (aisle, shelf section, etc.)
- Efficient routing of auditors through store

Assignment:

- Ensures every location is covered
- Prevents duplicate work
- Balances workload among auditors

Status Tracking:

- Shows which PIDs are in progress
- Identifies completed work
- Highlights what remains to be done

Reassignment:

- Adjusts for auditor availability
- Rebalances workload if one auditor is behind
- Responds to changing circumstances

Not Assigned Filter:

- Quickly identifies unallocated work
- Ensures complete coverage before audit starts
- Highlights planning gaps

Reassign Filter:

- Shows flexible assignments
- PIDs not yet started can be moved
- Enables workload optimization

SKU Count Purpose:

- Helps estimate time required for each PID
- Higher SKU count = longer audit time
- Used for fair workload distribution

Status Columns Purpose:

- Assign Status shows if auditor is allocated
- Audit Status shows actual progress
- Combined view shows complete picture
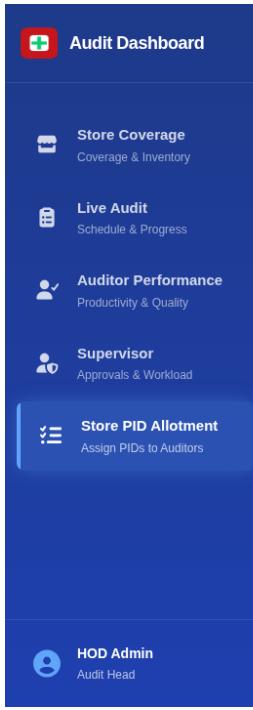
Checkbox Disable Logic:

- Can't reassign in-progress work (would disrupt auditor)
- Can't modify completed work (maintains audit integrity)
- Protects audit quality and continuity

Bulk Operations Purpose:

- Saves time when assigning many PIDs
- Efficient initial allocation
- Quick adjustments for last-minute changes

Visual Documentation

The Store PID Allotment screen showing PID assignments, status tracking, and auditor allocation for a specific store's physical inventory locations.

Figure 1: Store PID Allotment Screen