**1.      Users and Role Management**

**1.1.   Admin can add/modify/remove users**

Admin on their dashboard can create users, modify their attributes or remove them if required.

**1.2.   Admin can define/redefine/remove roles**

Admin has the privilege to create roles and as to what role has access to create pick up slips, purchase orders and who gets just to keep stock count or just pick up slip validation etc.

**1.3.   Admin can map roles to users**

Admin can map users to rules created above.

**2.      Jobs**

**2.1.   Admin can create/modify/remove jobs**

Admin can create jobs like – count stock, validate pick up slip etc

**2.2.   Admin can add jobs to roles or to users**

Admin can assign jobs to users

**3.      Products/parts**

**3.1.   Admin can create/modify/delete products with attributes like price and model number**

Admin can add, modify or remove parts as required with their associated attributes like original part no and MRP

**4.      Bins**

**4.1.   Admin can create bins**

Admin can manage bins, meaning they can create/delete bins with names and related attributes like bin size, bin description, name etc

**4.2.   Map master products/parts**

Admin can assign a bin to each part

**5.      Labour app**

**5.1.   Purchase Order validation**

**5.1.1.       List products mentioned in Purchase order**

The uploaded purchase order excel sheet by admin is converted into a list and displayed here, alongside quantity left (initially total).

**5.1.2.       Scan QR code on the product packaging**

The app lets users scan the QR code present on the packaging and everytime a product is scanned and is valid, the quantity is modified until it matches an “Ok” state (count matches the purchase order).

**5.1.3.       Validate product details with master products**

When a package is scanned the price is also matched against the price mentioned in master products. In case there is a mismatch it is marked as “Price mis-match”

**5.1.4.       Mark product as damaged (if any)**

If the picker finds any damaged item, they can manually mark a product as damaged when scanning.

**5.1.5.       Auto mark as excess/short/ok**

Upon scanning every unique product is counted as a unit and if there is any mismatch in total count excess/short it is automatically labelled.

**5.1.6.       Failsafe manual update if QR doesn’t work as expected**

In any case for whatever reason if the QR code scan doesn’t function as expected, users can manually enter a count of products.

**5.2.   Pick Slip Validation**

**5.2.1.       List products mentioned in pick up slip**

When a pick up slip is uploaded by the admin, the items are listed in the app for users to validate

**5.2.2.       Scan QR codes to count and verify prices and part no**

 Validation occurs similar to purchase order validation, users scan the QR code on the package and part no against prices are verified with master

**5.2.3.       Assign cases**

When picking up, users also will associate every entry to a case. The app will show them total number of cases packed at the end.

**5.3.   Stock Count**

**5.3.1.       Scan products in stock**

When a user is assigned to count stock, they go to the stock area and manually scan all products, simultaneously their count is also captured along side part no.

**5.4.   Attendance**

**5.4.1.       Work status toggle**

Users will be able to toggle their work status as on or off, which will reflect in the admin dashboard when assigning jobs

**6.      Purchase Order Upload**

**6.1.   Admin can create purchase order records by using an excel sheet and uploading it to the system**

 Admin can upload an excel sheet in a predefined format to populate purchase order records in to the system. After this, admin can assign jobs against that upload.

**7.      Pickup slip**

**7.1.   Admin can upload pickup slip in excel format**

Admin can upload pickup slip in a predefined format excel sheet from where records for pickup slip validation are created. Admin can then assign a pick up slip job to a user against that.

**8.      Admin**

**8.1.   Reports**

**8.1.1.       Stock count report**

When a user submits a stock count job, a report is generated against that. The admin can view part nos against count, grouped by price and can perform actions like filter, search etc on the data.

**8.1.2.       Attendance/Activity Report**

All activity logs including job start time, end time, attendance status etc are kept in the system. Whenever the admin creates an activity report, they can see details like user against no of jobs done in various categories, average turn around time for each job type etc. The user can also filter or search the report.

**8.1.3.       Purchase Order Validation Report**

Everytime a purchase order job is submitted by a user, the admin gets a validation report of mismatches if any or green flag report if everything is ok.

**8.1.4.       Pick Slip Validation Report**

Every time a pick up slip validation job is submitted by the user, the admin gets a report where if there are any variations in data and expectation they are made visible. A green flag report is generated otherwise.