**Workshop Module**

As per discussion with Gijo, Zameel, Dani, Johny on 08/04/2020

1. **Master – Workshop**
   1. Add *Contact person, Contact No., Contact Email & Status*
   2. Create database table for *Governorate & Wilayath.* Wilayath to be linked with Governorate\_ID.
   3. Mandatory fields:
      1. Workshop Name(EN)
      2. Governorate
      3. Wilayath
   4. Duplication check field – Workshop Name(EN)
2. **Master – Technician Types**
   1. Add *Status*
   2. Mandatory fields:
      1. Technician type Name(EN)
      2. Charge per hour
      3. Status
   3. Duplication check field – Technician Type Name(EN)
3. **Master – Technicians**
   1. Add *Workshop, Status*
   2. Mandatory fields:
      1. Emp ID
      2. Technician Name
      3. Technician Type
      4. Status
   3. Duplication check field – Emp ID + Technician Name
   4. Note: If technician linked to Workshop then that technician should be available only under that workshop, else should be available under all workshops.
4. **Master – UoM**
   1. Add *Status*
   2. Mandatory fields:
      1. UoM Code
      2. UoM Name(EN)
      3. Status
   3. Duplication check field – UoM Code + UoM Name(EN)
5. **Master – Item Master**
   1. Add *Item Name(AR),Status*
   2. Remove *Min quantity*
   3. Mandatory fields:
      1. Item Code
      2. Item Name(EN)
      3. Price
      4. UoM
      5. Status
   4. Duplication check field – Item Code + Item Name(EN)
6. **Master – Workshop Service Type**
   1. Add *KMs, Status*
   2. Mandatory fields:
      1. KMs (Integer field for calculations and overdue check for future)
      2. Service Type Name(EN)
      3. Status
   3. Duplication check field – KMs + Service Tyepe Name(EN)
7. **Master – Vehicle Types**
   1. Add *Status*
   2. Mandatory fields
      1. Vehicle Type Name(EN)
      2. Status
   3. Duplication check field – Vehicle Type Name(EN)
8. **Master – Vehicle Sub Types**
   1. Add *Status*
   2. Mandatory fields
      1. Vehicle Sub Type Name(EN)
      2. Vehicle Type
      3. Status
   3. Duplication check field – Vehicle Type + Vehicle Sub Type Name(EN)
9. **Master – Brands**
   1. Add *Status*
   2. Mandatory fields
      1. Brand Name(EN)
      2. Status
   3. Duplication check field – Brand Name(EN)
10. **Master – Vehicles**

Will be finalized later. For time being, please create one with minimum fields for testing. Vehicle to be actually taken from their ERP database.

1. Fields: Vehicle Registration No., Vehicle Type, Vehicle Sub Type, Status
2. Mandatory fields
   1. Vehicle Registration No.
   2. Vehicle Type
   3. Vehicle Sub Type
   4. Status
3. Duplication check field - Vehicle Registration No.
4. **Master – Drivers**

Not required

1. **Master – Customers**
   1. Add *Unique ID No.(CR No., Omani ID, Labor card No., Passport No. etc.),Location(master list),Type(Company OR Individual),Status*
   2. Mandatory fields
      1. Customer Name
      2. Unique ID No.
      3. Type
      4. Location
      5. Contact Person
      6. Contact No.
      7. Status
   3. Duplication check field – Unique ID No. + Customer Name(EN)
2. **Master – Services**
   1. Add *Service* *Code, Status*
   2. Mandatory fields
      1. Service Code
      2. Service Name(EN)
      3. Type
      4. Status
   3. Duplication check field – Service Code + Service Name(EN)
3. **Master – Inspection Checklist**

Not required

1. **Configuration – Service Configuration**
2. **Configuration – Stock configuration (New page)**

For setting Workshop wise/ Item wise MIN & MAX quantity

1. **Operations – Service booking**
2. **Operations – Workshop Admission**
   1. The Driver Name should be text entry, because it will be the customer’s driver who will be bringing the vehicle to workshop and that list will not be there in the system.
3. **Job card:**
   1. Workshop ticket number – Not required
   2. Job card to be prefixed by Workshop code. Number can be continuous. (For Nati workshop, it can be something like NT00001)
   3. Add FLEET No. Next to Vehicle number
   4. START TIME & END TIME to be replaced with HOURS
   5. Labor charges to be calculated based on ENTERED HOURS X RATE PER HOUR of the selected technician
   6. There should be an option to enter NO. OF DAYS REQUIRED TO COMPLETE THE JOB. This should be an INTEGER field. If the job is not closed within that time, then that job card to be displayed in dashboard as overdue jobs.
   7. Based on the above, there should be option to enter Interim update for the job card (like waiting for parts, waiting for third party work etc. This can be then displayed against the overdue jobs in dashboard)
   8. Inspection & Observation:

Give a textbox to enter the Inspection Ref No. & another textbox to enter the observations. A File Upload control to upload the scanned copy of Inspection sheet (Actually Inspection will be done of paper based forms). This attachment should be allowed even after closing the job card.

* 1. When CLOSING a job card, there should be a popup that needs to be filled by the technician. We will decide what is to be there in the popup will be decided later.
  2. If there are some works done at some outside/third party workshop, there should be an option to record that in the job card along with an option to attach the Invoice from outside workshop.
  3. If some of the items/works to be back charged from the customer, then it should be recorded in the job card with the details.
  4. While closing a job, validate whether all line items (work hours) has been filled. Otherwise closing should not be allowed.
  5. Approval for closed jobs: Keep an option for an approval level for job card closing. This stage should be configured in such a way that the Approval process can be activated/deactivated at any time.
  6. A high level user should have an option to Re-open the closed job card.
  7. SAVE button to be changed as OPEN JOB CARD. The OPEN & CLOSE card button to be visible dynamically based on condition.

1. **Operations – Material Request**
   1. MR number to be prefixed with workshop code
   2. If an item level at any workshop falls below the minimum quantity, then that items to be listed in dashboard and MR can be processed by clicking from dashboard and taking them to MR screen to complete the request.
2. **Operations – Inspection**

Not required

1. **Operations – Purchase Request**
2. **Operations – LPO**
   1. LPO should be open until full quantity of all the items are received.
   2. Supplier price and quotation number to be captured.
3. **Operations – GRN**
   1. GRN should be generated by calling LPO.
   2. GRN will be done at Workshop. GRN will have link to PO and PO will have link to MR.
   3. Then system can identify the LPO’s to be listed for each workshop based on MR.
   4. Then the workshop guy will select the respective MR and the system will list the items in that MR.
   5. Then the workshop guy will select the received quantity.
4. **Operations – Item Issue**

Not required

1. **Operations – Item Receipt**

Not required

1. **Operations – Gate Out**
2. **Operations - Workshop to Workshop transfer (New page)**
   1. If there is a shortage of materials, then show stock of the same materials in other workshops, then this workshop guy can send a request for items from another workshop.
   2. Approval required
   3. The other workshop then can issue the materials to the requested workshop.
   4. Receiving workshop to acknowledge receipt of items.