Requirement

Part 3

New entry, modify, delete and selects for all forms

Above functions to be performed in backend through APIs for following tables

1. Entity_mater (for business entities)
2. Item_master (for vegetables)
3. Container_master
4. Cust_group_master
5. Acc_group_master
6. Container_receipt

Last 5 columns are common in all the tables. i.e. client_id, created_by, created_date, last_modified_by, last_modified_date. These values will be coming either from session or current timestamp

These APIs will be called by the front end forms

Other Key Considerations

1. All the tables in navigation form will fetch the data for current date (transactional data only like sale record, sale bill, receipt etc.).
2. Navigation form will have option to change the date, that will have From date and To date to set
3. By default both From date and To date will have same value i.e. current date
4. Once the new date is set, all the tables will start fetching records for new date range

Sale Record - Backend business logic

1. Entry_id in table **sale_record** is auto generated column, so no need to send any value for it.
2. Other columns are self explained with reference to the entry form.
3. Every entry in this table will also impact following tables:
    a. For any unit_container_id for which maintain_inventory in the table container_master is TRUE, a record will be entered in the **container_issue_register** table.
    b. For a every entity_id_cust for one date, a consolidated entry for that date will be stored as one record in table **sale_bill**. where bill_amount=sum of all the amounts for that date of entity_id_cust and total_container_amount=sum of containers*(container_charge for respective container in container_master table for every unique container)
    c. The above Bill_amount for every entity_id_cust will be added to the curr_bal of **entity_master** table against that entity_id
4. Navigation page table for Sale Record will have all the records entered for a day, sorted on vegetable column.
5. Edit will open record one at a time (refer next page)
6. Records from **sale_bill** table will be reflected in the Sale Bill link in the navigation page table with following columns,
    a. Bill Date
    b. Customer Name
    c. Bill Amount
    d. Items Count
7. Sale bill table will open View Bill form (refer next to next page)

Date [   ]   Name of Farmer/Trader [   ]

Name of Vegetable [▽]   Rate [   ]   First Unit [   ]

Name of Customer [   ]   Kg/Unit [   ]   **X** Qty [   ]

Submit   Cancel

Values will be pre-filled in editable format. Submit will update the record against entry_id column

Date		Name of Customer				

All these values should be read only

Sl #	Vegetable	Qty	Unit	Rate	Kg/Unit	Amount
1	Qwerty	3.00	Bag	12.00	20	720.00
2	Asdfgg	1.00	Crate	10.00	22	220.00
3	Zxcvbb	2.00	Bag	29.00	35	2030.00

Total Amount   2970.00

Receipt_master table entry

1. Receipt_id in table **receipt_master** is auto generated column, so no need to send any value for it.
2. Other values in this table from Receipt form is self explanatory
3. The other impact of this entry will be on field curr_bal in entity_master table where curr_bal will be deducted by the amount received value.