Backend Development

# Customer

Customer ID – Auto Generated By backend

Customer Name - Passed to your method from front end

Customer City : Passed to your method from front end

Org Id: Passed to your method from front end

CreatedByID: ( This is to track which employee id is used as supervisor id)

GSTIN (String: 20) : GST Number of the customer

Transporter (String:256) : name and address of the transport company for the customer.

**Operation Required:**

Create, Update, Search ( On the basis of Name and City)

# Delivery

Delivery Date: Passed to your method from front end

Customer ID: Passed to your method from front end

Description : Passed to your method from front end

Org Id: Passed to your method from front end

CreatedByID: ( This is to track which employee id is used as supervisor id)

**Operation Required:**

Create

# Customer Billing

Customer ID: Passed to your method from front end

Date: Passed to your method from front end

Order Amount (float) : Passed to your method from front end

CGST (float):

SGST(float):

IGST(float):

EXTRA(float):

IncludeInCalc: True/False

Total (float): Passed to your method from front end

Org Id: Passed to your method from front end

CreatedByID: ( This is to track which employee id is used as supervisor id)

Notes (String:256): General Notes

IncludeInReport: True / false (flag indicating whether to include in GST report)

**Operation Required:**

Create, Search

# Expense

Expense ID: Auto Generated by backend

Expense Date: Passed to your method from front end

Expense Category: Free Text ! Passed to your method from front end

Expense Description: Free Text ! Passed to your method from front end

Expense Amount (float) : Passed to your method from front end

To Party Name: Free Text ! Passed to your method from front end

Org Id: Passed to your method from front end.

Notes (String:256):

CreatedByID: ( This is to track which employee id is used as supervisor id)

FromAccountID (String:30) : ( This will be automatically calculated based on CreatedByID)

ToAccountID(String:30) : Reference to Account Table (account\_id). This will be used when “expense category=Deposit”

ConsiderInCalc: True/False

**Operation Required:** Create

# PaymentReceived

PaymentRcvdID: Auto Generated by Backend

FromAccountID (String:20): (Referece to Account ID )

PaymentType (String:10): Customer / Internal (customer: when customer pay, internal: when a internal transfer from one account to other is done, later we can think of vendor payment.)

RcvdDate: Received Date

CreatedByID: ( This is to track which employee id is used as supervisor id)

ToAccountID(String:20): Reference to Account Table.

**Account:** A employee can have multiple accounts, a vendor can have multiple accounts so we have introduced concept of accounts. Please note this will work as “toAccount” or it will be internal account. This can be really a account e.g company current Account. Whenever an employee is created a associated named account will be created.

AccountID: Auto Generated by backend

OwnerID: Owner of the account (EmployeeID typically)

AccountNickName\*: A simple identifiable description like AviICICI, AviSBI, Nilesh PNB, Company Curent Account (PNB), Company Current Account (ICICI)

Type (String:10) : (Employee or Customer or Vendor)

Details (String:100): (here we can select what is the details of the accounts like Account Number, UPI etc)

# Vendor

Vendor ID – Auto Generated by backend

Vendor Name - Free Text ! Passed to your method from front end

Vendor City : Passed to your method from front end

Vendor Phone Number: Passed to your method from front end

Org Id: Passed to your method from front end

CreatedByID: ( This is to track which employee id is used as supervisor id)

GSTIN (String:20):

Transporter (String:256):

**Operation Required:** Create

# PurchasefromVendor

This is to track when a material is purchased from a vendor.

Purcahse\_id: Auto genearted ID

Vendor\_Id: Link to Vendor ID in Vendor Table

Bill\_ID: Actual Bill ID if available.

Net Amount (float):

CGST ((float)) :

SGST (float) :

Extra (float) :

Total Amount (float):

Material Details: (TextField)

ConsiderInCalc: True/False

# Employee

* Person Number (Auto Generated by backend)
* Employee Name ( Passed to your method from front end )
* Employee Id (Free Text; Each organization can keep their employee ID)
* Employee Role (Map to “User Role”) 🡪 Passed to your method from front end
* Employee Type (Main, Labour) 🡪 Passed to your method from front end
* Org Id: Passed to your method from front end

**Operation Required:** Create

* Date
* CreatedByID ( This is to track which employee id is used as supervisor id)

# Direct Data Load in MySQL ( No need to maintain from code)

**Expense Category:**

* Machine Parts Purchase
* Machine Maintenance
* Transporting / Courier Charges
* Non-Company Related
* Deposit
* Vendor Payment
* Misc
* Marketing

**List of Citites**

* Barufatak
* Dhamnod
* Thikri
* Khargone
* Badwani
* Rajpur
* Indore
* Rau
* Pithampur
* Mandleshwar
* Bistan
* Lohari

**User Roles**

* Production Manager
* Operations Manager
* Accounting
* Sales Lead
* Admin

**Function**

* *Create Employee*
* Update Employee
* Create Customer
* Update Customer
* Delete Customer
* Create Expense
* Update Expense