## Order Management System

## Application Name: Make Order

Website Users

* Super admin (Skynettechnosys is super admin that have good facility to handle this project and handle perfectly.
* EndUser (All other kind of user is end user like shops, buyer(Home, Business office),seller(Single Person,Home,Office,…any think)

Project Application Requirement

* Asp.net MVC Web Application (End user && Super admin can interact with website and can work on each and every task)
* Windows Application (Super admin can use this application to handle reporting and printing feature of the application. As well as make application faster.
* Mobile Application
  + Android : End User && Company Employee
  + Iphone : End User && Company Employee
  + Windows Phone && CompanyEmployee

Project Technological Specification

* + Asp.net MVC 4
    - Entity framework
    - C#
    - 3 Tier Application
  + SQL Server 2008
  + Web Service (WCF ,Web API)
  + Windows phone (Silver light)
  + .Net Framework 4.5
  + IIS 8
  + Android (Java)
  + Iphone

Project User Requirement Specification

* Super admin (Work)
  + Category
    - Main Category (Ex. Food ,Cloths)
    - Sub Category1 (Ex. Fruits ,Vegetable ,Fast food…etc)
    - Sub Category2(Ex. Fruits {Apple ,Mango}
  + Country
  + Language
  + State
  + City
  + Area
  + Products
  + Price Creation
    - Product Wise
    - Area wise
  + Advertisement
    - Third party (Google Adsense, Admob)
    - Website advertisement On Request
      * AdvertisementClick
  + End User Management
    - Create | Update
    - Activate | Deactivate
    - Delete
    - SMS Notification
      * Registration
      * Any News or personal message
    - User type
      * Simple User (Buyer)
      * Shop | Dealers
  + Order Management
    - Customer and direct order
    - Add | Edit | Delete
    - Approve | Reject | Process | Ship | Complete |Cancel
    - Order reports
      * State , City, Area
  + Coupons Creation **( Future Enhancement)**
    - Fixed amount
    - Percentage wise
    - Area wise
    - City wise
    - Customer wise
  + Offer creation ( Make offer for some good customer **( Future Enhancement)** Delivery Charges
    - FreeIFAmountIs
    - PerKG
    - PerPcs
    - TransactionWise
    - ETC
  + Manage Worker {Employee}
    - Delivery persons
    - Packing person
    - Buying person
  + System permission master **( Implement in XML File)**
    - Employee
    - Admin
    - End User
  + Contact Us **( Future Enhancement)**
    - Inquiry
    - Problems
    - Others
  + Feedback **( Future Enhancement)**
  + Configuration
    - SMS Test
    - Email Configuration Test
  + Stock Management
    - Buying
    - Selling
  + Account Management
    - Income +
    - Expenses
      * Delivery
      * Packing
      * Wastage
      * Others
    - Product
      * Buying
      * Selling
    - Others

**End User**

* Registration
* Login
* Forgot password
* About us
* FAQ
* Privacy policy
* Contact us
* Feedback
* Profile update
* Order
* Account
* Report
  + Order history

Catgeory Specification

### Main Category

* Fields
  + MainCategoryId
  + CategoryName
  + IconPath
  + IsActive
  + CreationDate
  + CreatedById
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Sub Category 1

* Fields
  + SubCategory1Id
  + MainCategoryId
  + CategoryName
  + IconPath
  + IsActive
  + CreationDate
  + CreatedById
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Sub Category 2

* Fields
  + SubCategory2Id
  + SubCategory1Id
  + CategoryName
  + IconPath
  + IsActive
  + CreationDate
  + CreatedById
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Language

* Fields
  + LanguageId
  + LanguageName
  + LanguageCode
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Country

* Fields
  + CountryId
  + CountryName
  + CountryCode
  + CultureCode
  + CurrencyCode
  + LanguageId
  + Icon
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### State

* Fields
  + StateId
  + StateName
  + CountryId
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### City

* Fields
  + CityId
  + CityName
  + CountryId
  + StateId
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Area

* Fields
  + AreaId
  + AreaName
  + CountryId
  + StateId
  + CityId
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Products

* Fields
  + ProductId
  + ProductName
  + MainCategoryId
  + SubCategory1Id
  + SubCategory2Id
  + LanguageId
  + ProductLogo
  + CurrentPrice
  + LastPrice
  + ProductDescription
  + CreatedBy
  + CreationDate
  + ModifiedDate
  + IsActive
  + IsDeleted
* Validation
  + Check duplicate name.
  + Delete when no child data exists.

### Advertisement

* Fields
  + AdvertisementId
  + Title
  + Name
  + CompanyName
  + CompanyAddress
  + PhoneNo
  + MobileNo
  + ConatactPerson
  + AboutUs
  + AdvertisementPurpose
  + Latitute
  + Logitute
  + MapURL
  + Website
  + AdvertisementLink
  + Price
  + Description
  + DurationDays
  + DurationInMonths
  + DurationInYear
  + DurationInHours
  + DurationInMinute
  + DurationInSecond
  + HowManyTimeInDays
  + BannerPath
  + CreatedBy
  + CreationDate
  + ModifiedDate
  + IsActive
  + IsDeleted
* Validation
  + Check duplicate name.
  + Delete when no child data exists.
  + Also track click of user on ads
    - Fields (AdvertisementClickTrack)
      * TrackId
      * AdvertisementId
      * UserId
      * TrackDateTime

### UserType

* Fields
  + UserTypeId
  + TypeName
  + Description
* Validation
  + Check duplicate type.
  + Delete when no child data exists.
  + Ex. SimpleUser,Shope…etc

### End User Management | End User Registration

* Fields
  + UserId
  + UserTypeId
  + FullName
  + MobileNo (Required – UserName)
  + EmailAddress (Not Required)
  + Address
  + ContactPerson1
  + ContactPerson2
  + Latitute
  + Logitute
  + CreatedBy
  + CreationDate
  + ModifiedDate
  + IsActive
  + IsDeleted
  + RegisterFrom (Web,Android,Iphone,WindowPhone,AdminWeb)
* Validation
  + Check duplicate mobile no
  + Delete when no child data exists.

### Order Management

* Fields
  + OrderId
  + OrderDate
  + RequestPriority (Low ,Medium ,High ,Urgent ,VeryHigh)
  + OrderStatus (Pending ,Open ,Accepted ,Processing ,Completed ,Cancel)
  + DeliveryCharges (If any)
  + CreateDateTime
  + IsGift
  + GiftPackingCharges
  + GiftDeliveryAddress
  + IsActive
  + IsDeleted
  + OrderFrom (Web,Android,Iphone,WindowPhone,AdminWeb)
  + UpdationDateTime
  + StausChangedBy
* Validation
  + Delete when no child data exists.
  + We will make customer extra charges on request priority is very high
  + Each order has one or many product request.

### Order Product List

* Fields
  + RowId
  + OrderId
  + ProductId
  + ProductStaus (Pending ,Accepted ,Rejected ,NoStock.etc)
  + Quantity
  + Price
  + QuantityType (KG,PCS..etc)
  + PackingType
  + PackingCharges
  + Description

### Delivery Charges

* Fields
  + DeliveryChargesId
  + ChargesTitle
  + Description
  + StartValue
  + EndValue
  + IsUrgentDelivery
  + IsPerKG
  + IsPerPcs
  + IsPerOthers
  + IsTransactionWise
  + ChargeAmount(Per Unit)
  + CreatedBy
  + IsActive
  + IsDelete
  + CreationDateTime
  + ModifiedDateTime

### EmployeeType

* Fields
  + EmployeeTypeId
  + TypeName
  + Description

### Employee

* Fields
  + EmployeeId
  + EmployeeType (Ex. Delivery,Packing,Buying..etc)
  + FirstName
  + MiddleName
  + LastName
  + MobileNo
  + EmailAddress
  + Address
  + AboutUs
  + TaskDetails
  + IsActive
  + IsDeleted
  + CreatedBy
  + CreationDateTime
  + ModificationDateTime

### Employee

* Fields
  + EmployeeId
  + EmployeeType
  + FirstName
  + MiddleName
  + LastName
  + MobileNo
  + EmailAddress
  + Address
  + AboutUs
  + TaskDetails
  + IsActive
  + IsDeleted
  + CreatedBy
  + CreationDateTime
  + ModificationDateTime

### MessageConfiguration

* Fields
  + ConfigurationId
  + Type {Sms | Email}
  + Title
  + Content (Maximum Content)
  + CreationDateTime
  + ModificationDateTime
  + CreatedBy

### StockManagement

* Fields
  + RowId
  + Type {Inward}
  + ProductId
  + Quantity
  + QuantityType (Pcs ,KG,…etc)
  + Rate
  + TotalAmount
  + TransactionDateTime
  + Description
  + EmployeeId
  + IsDeleted
  + CreationDateTime
  + ModificationDateTime
  + CreatedBy
  + ModifiedBy
* Here we will handle Stock buying for selling. Called as Inward for system
* Also outward will be calculated by User orders.

### AccountManagment(Account Master)

* Fields
  + AccountId
  + AccountName
  + Address
  + ContactDetails
  + BankName (If bank)
  + BankAddress (If bank)
  + AccountType (If bank)
  + OpeningBalance
  + OpeningDate
  + IsActive
  + IsDeleted
  + CreationDateTime
  + ModificationDateTime
  + CreatedBy
  + ModifiedBy

### AccountManagment(Account Transaction)

* Fields
  + TransactionId
  + AccountId
  + TransactionType ( Income ,Expenses)
  + TDate
  + TAmount
  + Description
  + IsDeleted
  + CreationDateTime
  + ModificationDateTime
  + CreatedBy
  + ModifiedBy