7/6/2021

Table Designs

Advanced E – Pharmacy System
Group No 01

Content

Table No: 01

Table Name: SysUserSecurity

				[SysUserSecurity]
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
UK	ID	int		SysUserSecurity table unique id
PK, IX	UserID	nvarchar	50	System user's username
	Password	nvarchar	50	System user's password
FK	UserGroupID	int		User group id
	IsActive	bit		System user is active or not
	IsDeleted	bit		System user is deleted or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 200

Keys (2)   Primary Key = UserID   **Foreign Keys** = UserGroupID   **Unique Key** = ID
Indexes (1)
Triggers (0)

Table No: 02

Table Name: UserGroup

				[UserGroup]
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
PK	ID	int		User group table unique id
IX	Name	nvarchar	150	User group
	IsActive	bit		User group is active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 250

Keys (1)   Primary Key = ID
Indexes (1)
Triggers (0)

Table No: 03

Table Name: Company

Keys	Field Name	Data Type	Field Size	Description
PK	ID	int		Company table unique id
UK, FK	UserID	nvarchar	50	Company username
IX	Name	nvarchar	150	Company name
	RegisterNo	nvarchar	150	Company Registration Number
	Address	nvarchar	250	Company address
UK	ContactNo	varchar	10	Company contact number
UK	Email	nvarchar	150	Company email address
	Description	nvarchar	100	Company description
	Logo	image		Company logo or icon
	Footer	nvarchar	100	Company invoice footer
	IsActive	bit		Company active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 910

Keys (5) **Primary Key** = ID **Foreign Keys** = UserID **Unique Key** = UserID, ContactNo, Email

Indexes (1)

Triggers (0)

Table No: 04

Table Name: DelivaryPerson

Keys	Field Name	Data Type	Field Size	Description
PK	ID	int		DelivaryPerson table unique id
UK, FK	UserID	nvarchar	50	DelivaryPerson' s username
IX	Name	nvarchar	150	DelivaryPerson' s full name
UK	NICNo	nvarchar	12	DelivaryPerson' s national identity card number
	Address	nvarchar	250	DelivaryPerson' s address
UK	MobileNo	varchar	10	DelivaryPerson' s contact number
UK	VehicleNo	nvarchar	10	DelivaryPerson' s vehicle number
	ComapnyID	int		DelivaryPerson' s company id
	IsActive	bit		DelivaryPerson' s active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 582

Keys (5) **Primary Key** = ID **Foreign Keys** = UserID **Unique Key** = UserID, NICNo, MobileNo, VehicleNo

Indexes (1)

Triggers (0)

Table No: 05

Table Name: ItemMaster

Keys	Field Name	Data Type	Field Size	Description
	[ItemMaster]			
PK	ID	int		Item Master table unique id
UK	Name	nvarchar	150	Item name
IX	SearchDescription	nvarchar	150	Item search name
FK	ItemCategoryID	int		Item category id
FK	IMCorporationID	int		Item manufacturing corporation id
FK	DistributorID	int		Item distributor's id
	Remark	nvarchar	50	Item remarks
	Quantity	int		Item quantity
	UnitPrice	decimal(18, 4)		Item unit price
	MarkPrice	decimal(18, 4)		Item market price
	DiscountPrice	decimal(18, 4)		Item discount price
	StdLength	decimal(18, 4)		Item length
	StdWeight	decimal(18, 4)		Item weight
	StdVolume	decimal(18, 4)		Units of 1 item case
	ExpirationDate	date		Item expiration date
	MinOrderQty	int		Minimum order quantity
	IsSellable	bit		Item is sell or not
	IsOderning	bit		Item can be order or not
	IsReturnable	bit		Item can be return or not
	Image	image		Item Image
	IsActive	bit		Item active or not
	IsDelete	bit		Item deleted or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 450

Keys (5) Primary Key = ID **Foreign Keys** = ItemCategoryID, IMCorporationID, DistributorID **Unique Key** = Name
Indexes (1)
Triggers (0)

Table No: 06

Table Name: ItemCategory

Keys	Field Name	Data Type	Field Size	Description
| ItemCategory]					
PK	ID	int		Item category table unique id
IX	Name	nvarchar	50	Item category name
	Remark	nvarchar	100	Item category remark
	IsActive	bit		Item category active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 250

Keys (5) Primary Key = ID
Indexes (1)
Triggers (0)

Table No: 07

Table Name: ItemManufacturingCorporation

Keys	Field Name	Data Type	Field Size	Description
[ItemManufacturingCorporation]					
PK	ID	int		Item Manufacturing Corporation table unique id
	Name	nvarchar	150	Item Manufacturing Corporation name
IX	BrandName	nvarchar	50	Item Manufacturing Corporation brand name
	Address	nvarchar	250	Item Manufacturing Corporation address
UK	ContactNo	varchar	20	Item Manufacturing Corporation contact number
UK	Email	nvarchar	150	Item Manufacturing Corporation email address
	Remark	nvarchar	150	Item Manufacturing Corporation remark
	IsActive	bit		Item Manufacturing Corporation active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 870

Keys (5) **Primary Key** = ID **Unique Key** = ContactNo, Email
Indexes (1)
Triggers (0)

Table No: 08

Table Name: Distributor

<table>
<tr><td colspan="5" align="center">[Distributor]</td></tr>
<tr><th>Keys</th><th>Field Name</th><th>Data Type</th><th>Field Size</th><th>Description</th></tr>
<tr><td>PK</td><td>ID</td><td>int</td><td></td><td>Distributor table unique id</td></tr>
<tr><td>IX</td><td>Name</td><td>nvarchar</td><td>150</td><td>Distributor name</td></tr>
<tr><td></td><td>Address</td><td>nvarchar</td><td>250</td><td>Distributor address</td></tr>
<tr><td>UK</td><td>TellNo</td><td>varchar</td><td>10</td><td>Distributor telephone number</td></tr>
<tr><td>UK</td><td>MobileNo</td><td>varchar</td><td>10</td><td>Distributor mobile number</td></tr>
<tr><td></td><td>IMCorporationID</td><td>int</td><td></td><td>Distributor Item manufacturing corporation id</td></tr>
<tr><td></td><td>IsActive</td><td>bit</td><td></td><td>Distributor active or not</td></tr>
<tr><td></td><td>CreatedBy</td><td>nvarchar</td><td>50</td><td>Who created this record</td></tr>
<tr><td></td><td>CreatedDateTime</td><td>datetime</td><td></td><td>Record created date and time</td></tr>
<tr><td></td><td>LastModifiedBy</td><td>nvarchar</td><td>50</td><td>Who modified this record last</td></tr>
<tr><td></td><td>LastModifiedDateTime</td><td>datetime</td><td></td><td>Last modified date and time</td></tr>
<tr><td colspan="5" align="center">Record Size = 570</td></tr>
<tr><td colspan="5">Keys (5) Primary Key = ID Unique Key = TellNo, MobileNo
Indexes (1)
Triggers (0)</td></tr>
</table>

Table No: 9

Table Name: Customer

<table>
<tr><td colspan="5" align="center">[Customer]</td></tr>
<tr><th>Keys</th><th>Field Name</th><th>Data Type</th><th>Field Size</th><th>Description</th></tr>
<tr><td>PK</td><td>ID</td><td>int</td><td></td><td>Customer's table unique id</td></tr>
<tr><td>UK, FK</td><td>UserID</td><td>nvarchar</td><td>50</td><td>Customer's username</td></tr>
<tr><td>IX</td><td>Name</td><td>nvarchar</td><td>150</td><td>Customer's full name</td></tr>
<tr><td></td><td>Address</td><td>nvarchar</td><td>250</td><td>Customer's address</td></tr>
<tr><td>FK</td><td>DistrictID</td><td>int</td><td></td><td>Customer's district id</td></tr>
<tr><td>UK</td><td>NICNo</td><td>nvarchar</td><td>12</td><td>Customer's national identity card number</td></tr>
<tr><td></td><td>Gender</td><td>bit</td><td></td><td>Customer's gender</td></tr>
<tr><td>UK</td><td>MobileNo</td><td>varchar</td><td>10</td><td>Customer's mobile number</td></tr>
<tr><td>UK</td><td>Email</td><td>nvarchar</td><td>150</td><td>Customer's email address</td></tr>
<tr><td></td><td>IsActive</td><td>bit</td><td></td><td>Customer's active or not</td></tr>
<tr><td></td><td>CreatedBy</td><td>nvarchar</td><td>50</td><td>Who created this record</td></tr>
<tr><td></td><td>CreatedDateTime</td><td>datetime</td><td></td><td>Record created date and time</td></tr>
<tr><td></td><td>LastModifiedBy</td><td>nvarchar</td><td>50</td><td>Who modified this record last</td></tr>
<tr><td></td><td>LastModifiedDateTime</td><td>datetime</td><td></td><td>Last modified date and time</td></tr>
<tr><td colspan="5" align="center">Record Size = 832</td></tr>
<tr><td colspan="5">Keys (7) Primary Key = ID Foreign Keys = UserID, DistrictID Unique Key = UserID, NICNo, MobileNo, Email
Indexes (1)
Triggers (0)</td></tr>
</table>

Table No: 10

Table Name: District

Keys	Field Name	Data Type	Field Size	Description
PK	ID	int		District table unique id
IX	Name	nvarchar	150	District name
	IsActive	bit		District active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 250

Keys (1) Primary Key = ID

Indexes (1)

Triggers (0)

Table No: 11

Table Name: OrderRequestHeader

Keys	Field Name	Data Type	Field Size	Description
PK, IX	OrderRequestID	nvarchar	20	Order request header table unique id
FK	CustomerID	int		Order placed customer's id
	DeliveryPlace	nvarchar	250	Order delivery place
	RecivedType	int		Order received type (delivery or cash on payment)
	PaymentType	int		Payment type (online or cash on delivery)
	Remark	nvarchar	100	Order remarks
	Confirmation	bit		Order confirmed or rejected
	ConfirmationBy	nvarchar	50	Who confirmed order
	ConfirmationDateTime	datetime		Order confirmation date and time
FK	RejectReasonID	int		Rejected reason
FK	DeliveryPersonID	int		Delivery person's id
	DeliveryStartingDateTime	datetime		Delivery starting date and time
	HandOverDateTime	datetime		Order handed over date and time
	IsDelete	date		Order deleted or not (only customer can do this)
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 520

Keys (4) Primary Key = OrderRequestID **Foreign Keys** = CustomerID, RejectReasonID, DeliveryPersonID

Indexes (1)

Triggers (0)

Table No: 12

Table Name: OrderRequestDetail

Keys	Field Name	Data Type	Field Size	Description
			[OrderRequestDetail]	
PK, FK	OrderRequestID	nvarchar	20	Order request detail table unique id
PK, FK	ItemMasterID	int		Ordered item's id
	Quantity	int		Ordered item quantity
	IsDelete	bit		Ordered item deleted or not (only customer can do this)
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 70

Keys (4) **Primary Key** = OrderRequestID**,** ItemMasterID   **Foreign Keys** = OrderRequestID**,** ItemMasterID
Indexes (0)
Triggers (0)

Table No: 13

Table Name: OrderRejectReason

Keys	Field Name	Data Type	Field Size	Description
			[OrderRejectReason]	
PK	ID	int		Order reject reason table unique id
IX	Description	nvarchar	100	Order rejection reason description
	Remark	nvarchar	150	Order rejection reason remarks
	IsActive	bit		Order rejection reason active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 350

Keys (1)   Primary Key = ID
Indexes (1)
Triggers (0)

Table No: 14

Table Name: MedicalPrescription

Keys	Field Name	Data Type	Field Size	Description
PK	ID	int		Medical prescription table unique id
FK	CustomerID	int		Customer id
	MedicalPrescription	image		Medical prescription image
	IsDelete	bit		Medical prescription delete or not
	Confirmation	bit		Medical prescription confirmed or rejected
	ConfirmationBy	nvarchar	50	Who confirmed medical prescription
	ConfirmationDateTime	datetime		Medical prescription confirmed date and time
FK	RejectReasonID	int		Rejected reason id
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 150

Keys (3) Primary Key = ID   **Foreign Keys** = CustomerID**,** RejectReasonID

Indexes (0)

Triggers (0)

Table No: 15

Table Name: MedicalPrescriptionItem

Keys	Field Name	Data Type	Field Size	Description
PK, FK	MedicalPrescriptionID	int		Medical prescription item table unique id
PK, FK	ItemMasterID	int		Medical prescription item id
	Quantity	int		Medical prescription item quantity
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time

Record Size = 100

Keys (4) Primary Key = MedicalPrescriptionID**,** ItemMasterID **Foreign Keys** = MedicalPrescriptionID**,** ItemMasterID

Indexes (0)

Triggers (0)

Table No: 16

Table Name: InvoiceHeader

		[InvoiceHeader]		
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
PK, IX	InvoiceNo	nvarchar	20	Invoice header table unique id
FK	OrderRequestID	nvarchar	20	Order request id
FK	CustomerID	int		Customer Id
FK	CompanyID	int		Company Id
	TotalGrossAmount	decimal (18, 4)		Total gross amount (unit price * quantity)
	TotalDiscountAmount	decimal(18, 4)		Total discount amount
	TotalNetAmount	decimal(18, 4)		Total net amount (gross amount - discount amount)
	OTP	int		One time password for delivery confirmation
	IsSettle	bit		Invoice settled or not
	IsCancel	bit		Invoice cancelled or not
FK	CancelReasonID	int		Invoice cancelled reason
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time
		Record Size = 140		

Keys (5) Primary Key = OrderRequestID **Foreign Keys** = OrderRequestID, CustomerID, CompanyID, CancelReasonID
Indexes (1)
Triggers (0)

Table No: 17

Table Name: InvoiceDetail

		[InvoiceDetail]		
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
PK, FK	InvoiceNo	nvarchar	20	Invoice number
PK, FK	ItemMasterID	int		Item master id
	Quantity	int		Item quantity
	UnitPrice	decimal(18, 4)		Item unit price
	GrossAmount	decimal(18, 4)		Item gross amount (unit price * quantity)
	DiscountAmount	decimal(18, 4)		Item discount amount
	NetAmount	decimal(18, 4)		Item net amount (gross amount – discount amount)
		Record Size = 20		

Keys (4)   Primary Key = InvoiceNo**,** ItemMasterID   **Foreign Keys** = InvoiceNo**,** ItemMasterID
Indexes (0)
Triggers (0)

Table No: 18
Table Name: InvoiceCancelReason

		[InvoiceCancelReason]			
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
PK	ID	int		Invoice cancel reason table unique id
IX	Description	nvarchar	100	Invoice cancel reason description
	Remark	nvarchar	150	Invoice cancel reason remark
	IsActive	bit		Invoice cancel reason active or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time
Record Size = 350				
Keys (1) Primary Key = ID				
Indexes (1)				
Triggers (0)				

Table No: 19
Table Name: Feedback

		[Feedback]			
Keys	**Field Name**	**Data Type**	**Field Size**	**Description**
PK	ID	int		Feedback table unique id
FK	CustomerID	int		Customer id
FK	OrderRequestID	nvarchar	20	Order request id
	Feedback	nvarchar	500	Feedback
	Remark	nvarchar	50	Any optional remarks
	Star	int		Reviews
	IsActive	bit		Feedback is active or not
	IsDelete	bit		Feedback is delete or not
	CreatedBy	nvarchar	50	Who created this record
	CreatedDateTime	datetime		Record created date and time
	LastModifiedBy	nvarchar	50	Who modified this record last
	LastModifiedDateTime	datetime		Last modified date and time
Record Size = 670				
Keys (3) Primary Key = ID **Foreign Keys** = CustomerID, OrderRequestHeaderNo				
Indexes (0)				
Triggers (0)				