**ADMIN** OBJECTS

**Roles**

aRole

> rRoleID > rName > rDescription > rCode > rIsNavigation > rDisplayName

**User Classification (Administrator, pre-created)**

aUserClass

> cClassID > cName > cDescription > aRoles

**User**

aUser

> uUserID > uLogTable > uUsername > uPassword > uPicture > uGender

> uFirstName > uSurname > uDateOfBirth > uNationality > uIdentityNumber

> uCellNumber > uTelephone > uEmail > uPhysicalAddress > uUserClass

> uUserStatus

**User Log (for each user) (table name is generated)**

aUserLog(object name)

> lLogID > lDate > lTime > lPage > lAction > lDescription

**Stakeholder**

**[Stakeholder’s Types (MDA, Concessionaires)]**

aStakeholder(object/table name)

> sStakeholderID > sLocationTable > sLogo > sName > sStakeholderType

> sMerchantID > sApiKey > sServiceTypeID > sBankCode > sBankAccountName

> sBankAccountNumber > sDeleteState

**Stakeholder Location (for each Stakeholder) (name is generated)**

sLocation

> lLocationID > lInvoiceFormatTable > lInvoiceTable > lModuleTable

> lClientTable > lName > lPhysicalAddress > cPostalAddress > cEmail

> cLandline > cMobile

**Location Invoice Format (for each location) (name is generated)**

**[Element Types (Line Items, Client information, Other)]**

**[Value Types (Money, Name, Email, Phone, Invoice Number, etc)]**

lInvoiceFormat

> iFormatID > iInvoiceElement > iElementType > iValueType > iDatabaseLocation

> iTableLocation > iColumnLocation

**Location Invoice (for each Location) (name is generated)**

lInvoice

> iInvoiceID > iClientID > iItemTable > iInvoiceElement > iInvoiceElement

> iInvoiceRTN > iInvoiceCurrency > iPaymentStatus

**Invoice item (for each invoice entry) (name is generated)**

iItems

> iItemID > iInvoiceElement > iInvoiceElement > iInvoiceElement

**Location Client (for each Location) (name is generated)**

lClient

> iClientID > iInvoiceElement > iInvoiceElement > iInvoiceElement

**Location Module (for each location) (name is generated)**

lModule

> lModuleID > mLogTable > mName > mDescription > mKey > mCode

> mStatus

**Module Log (for each Module) (name is generated)**

mLog

> mLogID > lEventType > lEventName > lEventDescription > lDate > lTime

**Storage Log**

storageLog

> sLogID > lEventType > lEventName > lEventDescription > lDate > lTime

**Admin Log**

adminLog

> aLogID > lEventType > lEventName > lEventDescription > lDate > lTime

**Security Log**

securityLog

> sLogID > lEventType > lEventName > lEventDescription > lDate > lTime

**Payment Detector Log**

paymentLog

> pLogID > lEventType > lEventName > lEventDescription > lDate > lTime

**Query Log**

**[Query Type (Update, Insert, Drop, Delete)]**

queryLog

> qLogID > qQueryType > qQuery > qDate > qTime

//Storage Log

//Admin Log

//Security Log

//Payment Detector Log

//Admin Log contains logs of wrong messages sent to it that failed validation

**TEMPORARY ADMIN DATABASE**

**Admin Log**

aLog

> aLogID > lEventType > lEventName > lEventDescription > lDate > lTime

> lSentStatus

aReceivedMessage

> rMessageID > rMessage > rProcessedStatus > lEventDescription > lDate > lTime

> lSentStatus

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