Pact: Central Database Schema Overview

DB: uberpu-ntiva/dox-core-db (MSSQL)

This document outlines the key tables in the central database. siteId is a foreign key on almost every table to ensure multi-tenancy.

Core & User Tables

sites
- id (PK)
- name
- status

users
- id (PK)
- email
- azureB2C_objectId (Index)

userSiteRoles
- userId (FK)
- siteId (FK)
- role (e.g., 'admin', 'facilitator', 'member')

signers
- id (PK)
- siteId (FK)
- name
- email (Index)
- associatedBusiness

Template & Document Tables

documents
- id (PK)
- siteId (FK)
- name
- status ('draft', 'active')
- sharepointFileId
- originalFilename

documentFields
- id (PK)
- documentId (FK)
- fieldName
- page
- coordinates (JSON, e.g., {"x": 100, "y": 150, "w": 200, "h": 30})

- fieldType ('text', 'signature', 'checkbox')
- dataMapping (JSON, e.g., {"type": "signer", "value": "email"} or {"type": "query", "value": "getMemberId"})

bundles
- id (PK)
- siteId (FK)
- name (The "recipe" name)

bundleTemplates
- bundleId (FK)
- documentId (FK)
- sortOrder

Transaction & Signing Tables

transactions
- id (PK)
- siteId (FK)
- bundleId (FK)
- status ('pending', 'sent', 'completed', 'failed')
- type ('esign', 'manual')

transactionSigners
- id (PK)
- transactionId (FK)
- signerEmail
- status
- externalSignerId (From AssureSign)
- signedDocument_sharepointId

manualReturns
- id (PK)
- transactionId (FK, nullable)
- barcode (Index)
- ocrData (JSON)
- status ('processing', 'validation', 'complete')

Price Activation Tables

activations
- id (PK)
- siteId (FK)
- status ('pending', 'submitted', 'under_review', 'approved', 'rejected', 'appealed')
- proposalData (JSON)
- externalSystemId
- lastExternalMessage

activationHistory
- id (PK)
- activationId (FK)
- status
- notes

- timestamp

activationLinkedTransactions
- activationId (FK)
- transactionId (FK)

Data & Business Logic Tables

distributors
- id (PK)
- siteId (FK)
- name

distributorRelationships
- parentId (FK to distributors)
- childId (FK to distributors)
- relationshipType

etlJobs
- id (PK)
- siteId (FK)
- name
- sourceType ('sharepoint', 'api')
- schedule

purchaseData
- id (PK)
- siteId (FK)
- memberId
- supplierId
- amount
- date

auditLog
- id (PK)
- siteId (FK)
- userId (FK, nullable)
- action (e.g., 'document.upload', 'activation.submit')
- entityId
- payload (JSON)
- timestamp