Naledi Key Service Data Model Diagram

DocumentIdentifier

-id: string
-dateCreated: date
-lastUpdated: date
-version: long

AccessKeys

-doi: DocumentIdentifier
-key: string

Access keys are stored separately from model records. Keys are used to authenticate users, encrypt/decrypt documents, etc.

UserModel

-doi: DocumentIdentifier
-username: string
-fullname: string
-email: string
-sms: string
-status: Active|Inactive|Banned

DocumentKeys

-doi: Document
-owner: UserModel.doi.id
-name: string
-meta: string // data about the key
-share: UserModel.doi.id
-expires: date
-status: Valid|Expired

ChallengeCode

doi: DocumentIdentifier
type: Document|Access
sendto: string
sendDate: date
expires: date
status: Active|Canceled|Expired