Multi tenancy data model
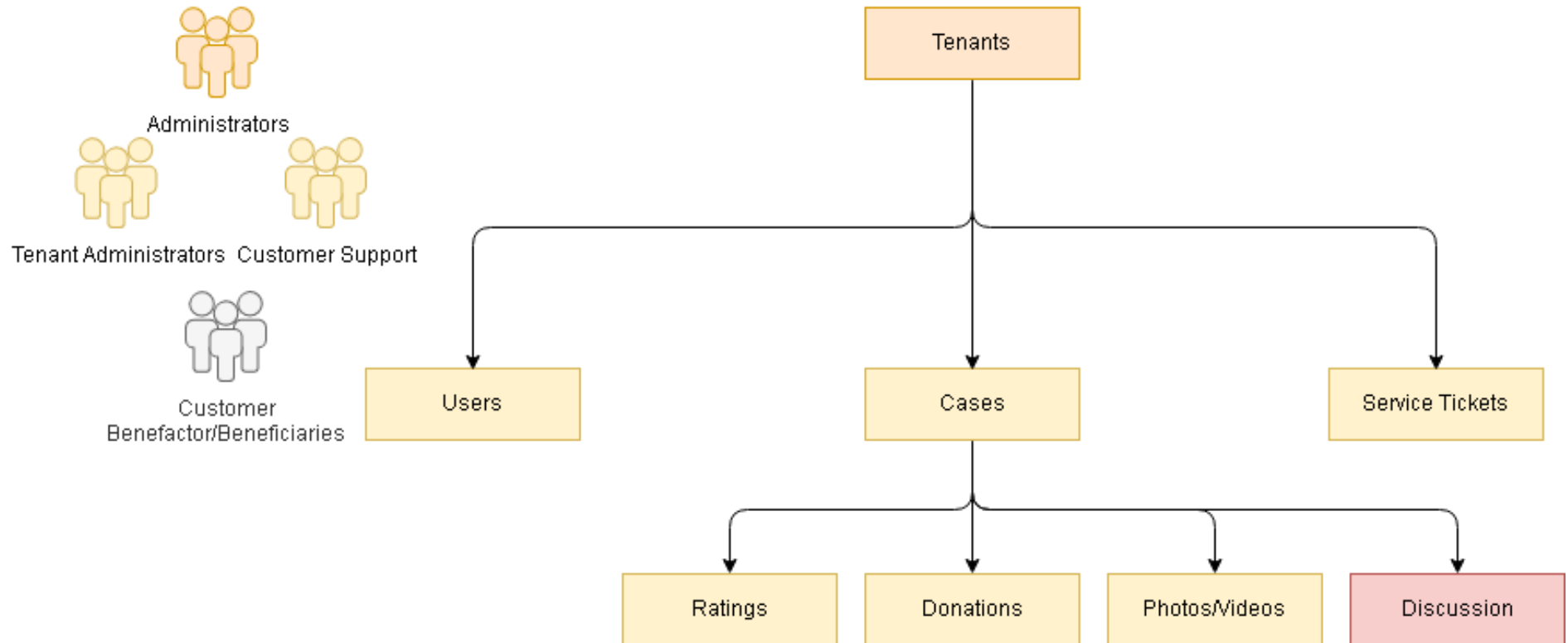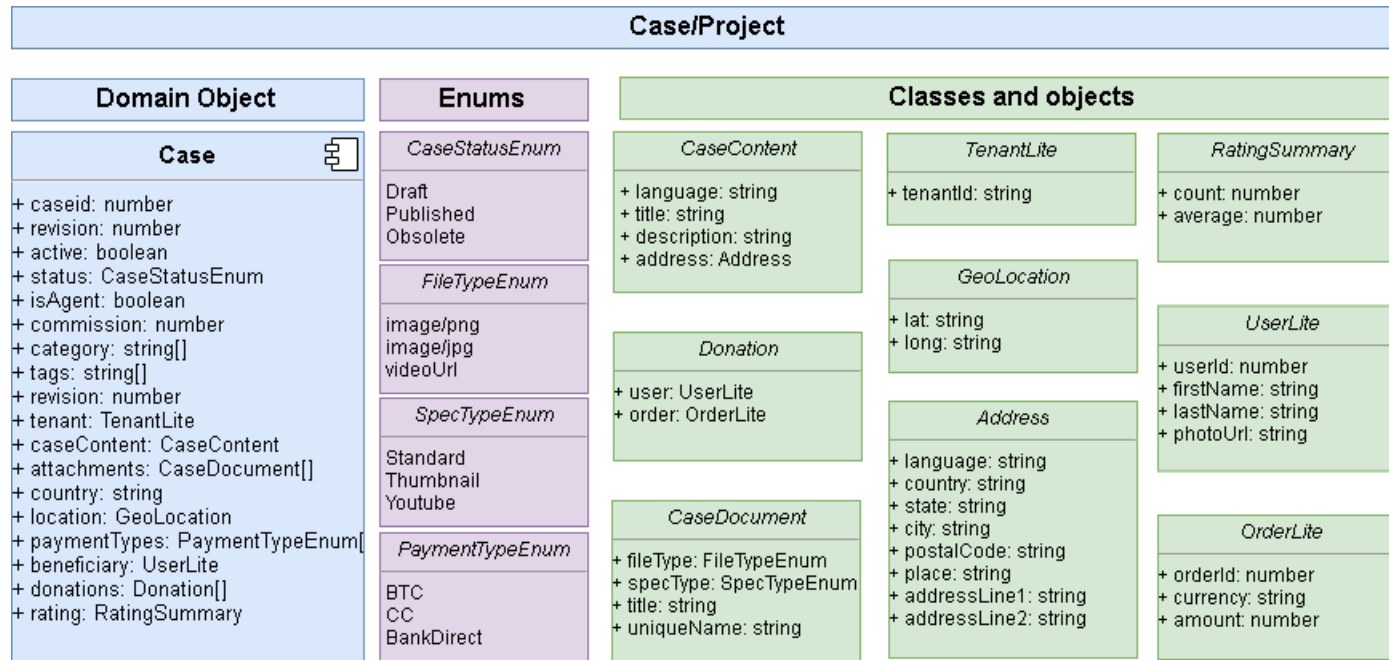
Any data in persistence will be stored isolated for a tenant eg: Users, Cases, Service tickets, documents, etc.

'Case' Data model discovery

Case/Project

Domain Object

Case

+ caseid: number
+ revision: number
+ active: boolean
+ status: CaseStatusEnum
+ isAgent: boolean
+ commission: number
+ category: string[]
+ tags: string[]
+ revision: number
+ tenant: TenantLite
+ caseContent: CaseContent
+ attachments: CaseDocument[]
+ country: string
+ location: GeoLocation
+ paymentTypes: PaymentTypeEnum[
+ beneficiary: UserLite
+ donations: Donation[]
+ rating: RatingSummary

Enums

CaseStatusEnum

Draft
Published
Obsolete

FileTypeEnum

image/png
image/jpg
videoUrl

SpecTypeEnum

Standard
Thumbnail
Youtube

PaymentTypeEnum

BTC
CC
BankDirect

Classes and objects

CaseContent

+ language: string
+ title: string
+ description: string
+ address: Address

Donation

+ user: UserLite
+ order: OrderLite

CaseDocument

+ fileType: FileTypeEnum
+ specType: SpecTypeEnum
+ title: string
+ uniqueName: string

TenantLite

+ tenantId: string

GeoLocation

+ lat: string
+ long: string

Address

+ language: string
+ country: string
+ state: string
+ city: string
+ postalCode: string
+ place: string
+ addressLine1: string
+ addressLine2: string

RatingSummary

+ count: number
+ average: number

UserLite

+ userId: number
+ firstName: string
+ lastName: string
+ photoUrl: string

OrderLite

+ orderId: number
+ currency: string
+ amount: number

Auth APIs

Login

Title	Login – Issue Token
Request Url	'api/auth/issue'
Method	POST
Request Body:	{"userName": "string", "password": "string"}
Response Body:	{"access_token": "string", "refresh_token": "string"}

Renew Login

Title	Renew Login – Re-Issue Token
Request Url	'api/auth/refresh'
Method	POST
Request Header:	"Authorization": " refresh_token"
Response Body:	{"access_token": "string", "refresh_token": "string"}

Domain objects identified

Tenants	Users	Cases	Tickets
tenantId name businessName baseLanguage baseCurrency address: { country, state, city, place, addressLine1, pincode } location: { longitude, latitude } contacts:[{ctype, firstName, lastName, phone, email}] -authProviders: ["provider"] – tenant specific config -payConfig: ["config"] – tenant specific config	tenantId (optional if super admin) userId (email) email (unique) phone (unique) language – default from tenant basic: {firstName, lastName, profilePhoto , language} authProviders: [{ provider, userid,token,phash,psalt }] verification: { activated (default: true) emailVerified (default: true) phoneVerified (default: true)}	tenantId caseId revision isAgent active (latest revision will be active) content:[{ lang, title, description}] address: { country, state, city, place, addressLine1, pincode } location: { longitude, latitude } status (draft, published, obsolete) commission currency attachments: [{fileType, imageType, videoType, title, uniqueName }] beneficiary: { userId, firstName, lastName } donations: [{ user: { userId, firstName, lastName }, order: { currency, amount }}] rating: {count, average} category: ["category name"] tags: ["tag name"]	tenantId ticketType caseid (optional) email phone title description attachments: [{fileType, imageType, videoType, title, uniqueName }]
Documents (n/a) – file server	**Case Ratings**	**Case Orders**	**Case Transaction Log**
tenantId docType refId refId2 fileType, imageType, videoType, title, uniqueName	tenantId caseId rating on comments user: { userId, firstName, lastName }	tenantId orderId caseId currency amount breakdown: { name, currency, amount } user: { userId, firstName, lastName } transactions: [{ currency, amount, trnReference, trnHash }]	tenantId caseId order: {} trnInfo: {}
Token – claims	**Case Discussion**	**Localization – tenant impact**	**Theme – tenant impact**
tenantids role userid email name - firstName + lastName language , claims	N/A – Social media Specific to tenant – using appid	Tenant specific text – application title, tagline, etc.	Tenant specific styles – logo, background, color, font

Logical Diagrams (Components)

external integration

oauth providers

Documents-S3

DB-MongoDb

external urls

angular app

nodeJs

Web server

Beneficiary   Beneficiary   Customer Support   Administrator