OSBS Ecore Metamodel

(EDataType)

UserType

user_type: EString

is_salonOwner()

is_salonCustomer()

(EClass)

Salon

id: EString

owner: User

business_name: EString

business_phone_number: EString

business_email: EString

business_address: Address

price_range: EString

created: EDate

(EDataType)

Address

country: EString

city: User

region: EString

postal_code: EString

street: EString

latitude: EDouble

longitude: EDouble

(EClass)

User

id: EString

email: EString

password: EString

phone_number: EString

user_type: UserType

date_of_birth: EDate

nationality: EString

city: EString

(EClass)

SalonCustomer

id: EString

first_name: EString

last_name: EString

gender: EString

home_address: Address

registered_by: User

salon_branch: Salon

bio_description: BioDescription

created: EDate

(EClass)

SalonOnsiteBooking

id: EString

salon_customer: EString

booked_in_by: User

creation_date: EDate

service_date: EDate

service_started: EBoolean

service_completed: EBoolean

service_cancelled: EBoolean

cancellation_reason: CancellationReason

multiple_stylist_assigned: EBoolean

negotiate_service_price: EBoolean

negotiated_price: EDouble

booked_service: SalonService

stylist:SalonStylist

(EClass)

SalonService

id: EString

owner: User

service_category: ServiceCategory

linked_business: Salon

service_price: Price

service_duration: EString

service_name: EString

(EDataType)

BioDescription

bio_description: EString

validBio()

1..n

1

1..*

0..*

customers

operation days

services

bookings

0..*

1

1

0..*

stylists

1

1

1

payment

1

1

1

bookings

Cancellation reason

category

(EClass)

SalonOperationDays
id: EString
owner: User
linked_business: Salon
day_of_week: EString
start_time: EString
end_time: EString

(EClass)

ServiceCategory
id: EString
owner: User
category_name: ServiceCategory
category_description: Description
created: EDate

(EClass)

CancellationReason
id: EString
owner: User
cancellation_reason: EString
added_date: EDate

(EDataType)

Description
category_description: EString
validDescription()

services

(EClass)

SalonOnsiteBookingsPayments
id: EString
salon: Salon
payment_received_by: User
payment_for: SalonService
payment_option: EString
payment_code: EString
payment_date: EDate

(EClass)

SalonStylist
id: EString
owner: User
first_name: EString
last_name: EString
phone_number: EString
email: EString
salon_services: SalonService
salon_branch: EString
working_days: SalonOperationDays

operation days

1

1

1

1..n

1..n

1

1

1