

# E Commerce site DB Design

User Service

user		
	first_name	string
	last_name	string
	phone	long
	email	string
	password	string
	role	string

payment		
FK	user_id	guid
	payment_type	string
	payment_value	string
	expiry	datetime

**Payment\_sytem:**  
Store the user  
payment details

address		
FK	user_id	guid
	name	string
	line1	string
	line2	string
	city	string
	delivery_phone_no	long
	state	string
	country	string
	pincode	string

**Address:**  
Store the address  
details

common_model		
PK	id	guid
	is_active	bool
	created_at	datetime
	modified_at	datetime

**User:**  
Store user  
details and  
admin details

**Common  
Model**  
Common for  
all tables

Product Service

product		
	admin_id	guid
	name	string
	description	string
	visibility	bool
	price	decimal
	image	byte
	product_count	integer

**Product:**  
Store the product  
details by admin

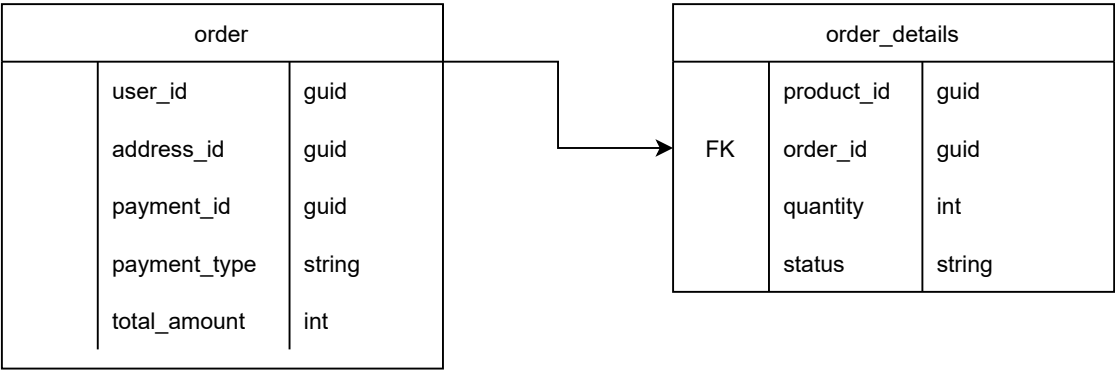
wish_list		
	user_id	guid
	name	string
FK	product_id	guid

cart		
	user_id	guid
FK	product_id	guid
	quantity	int

common_model		
PK	id	guid
	is_active	bool
	created_at	datetime
	modified_at	datetime

**Common  
Model**  
Common for  
all tables

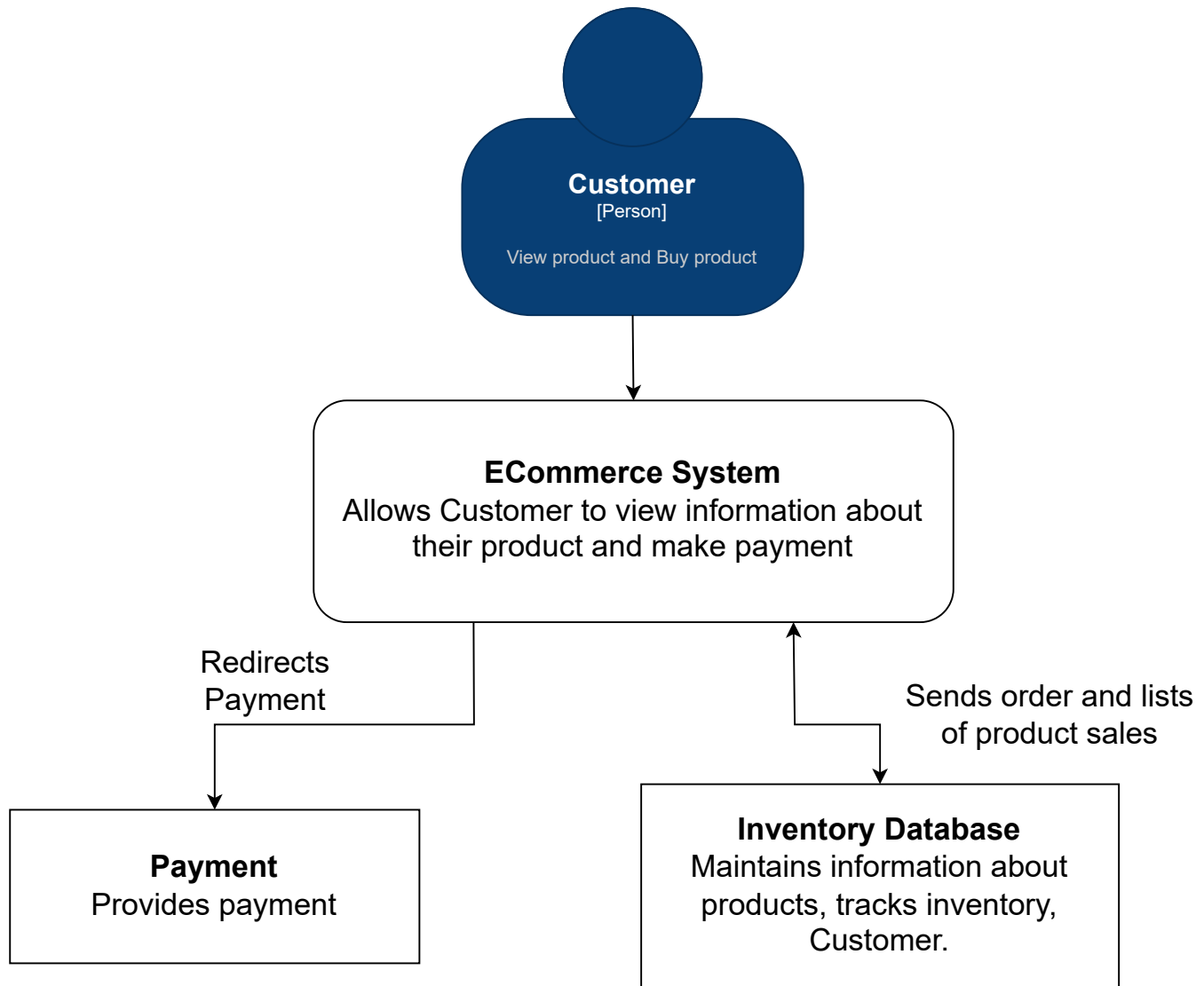
Order Service



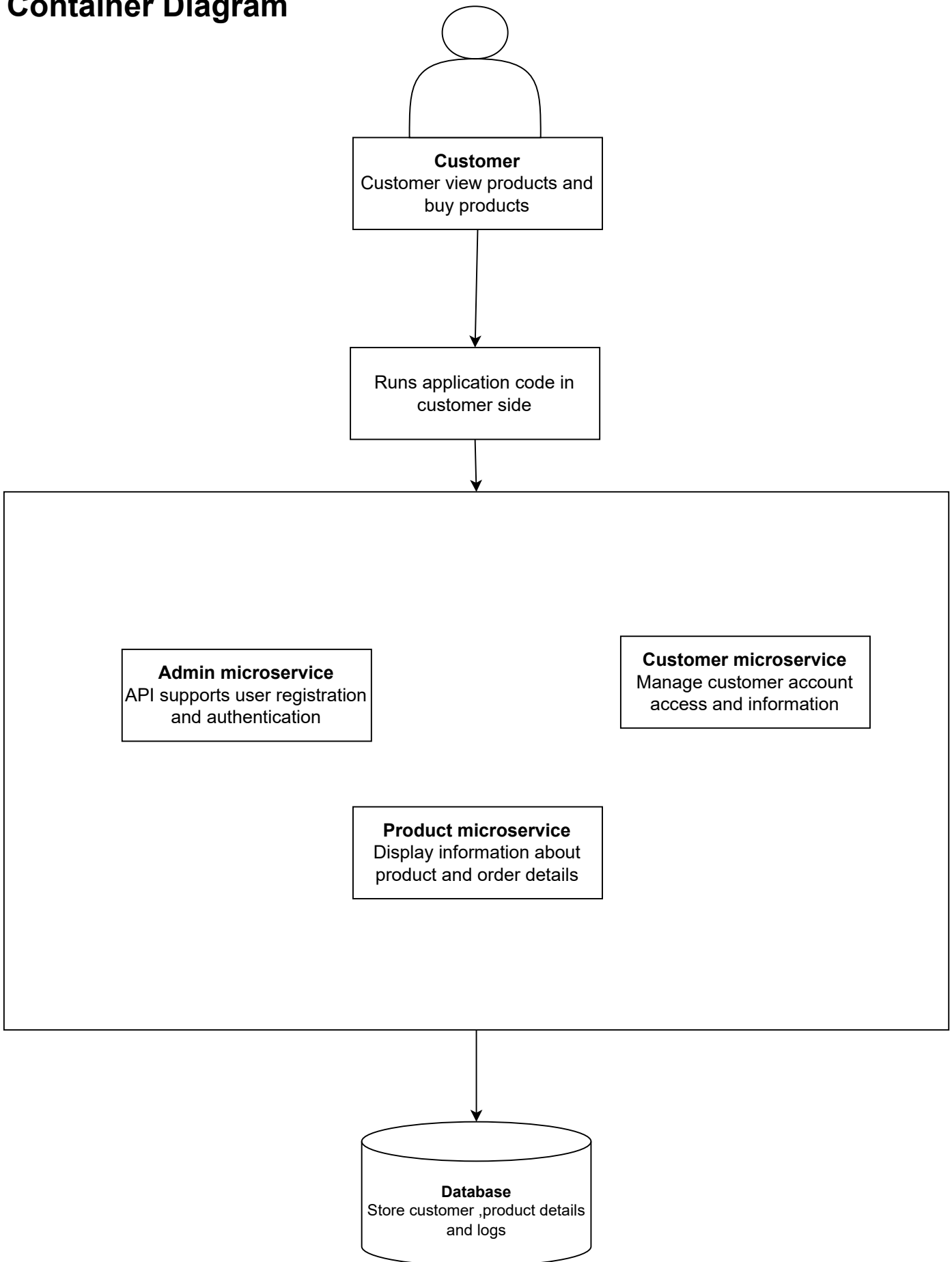
**Common  
Model**  
Common for  
all tables

common_model		
PK	id	guid
	is_active	bool
	created_at	datetime

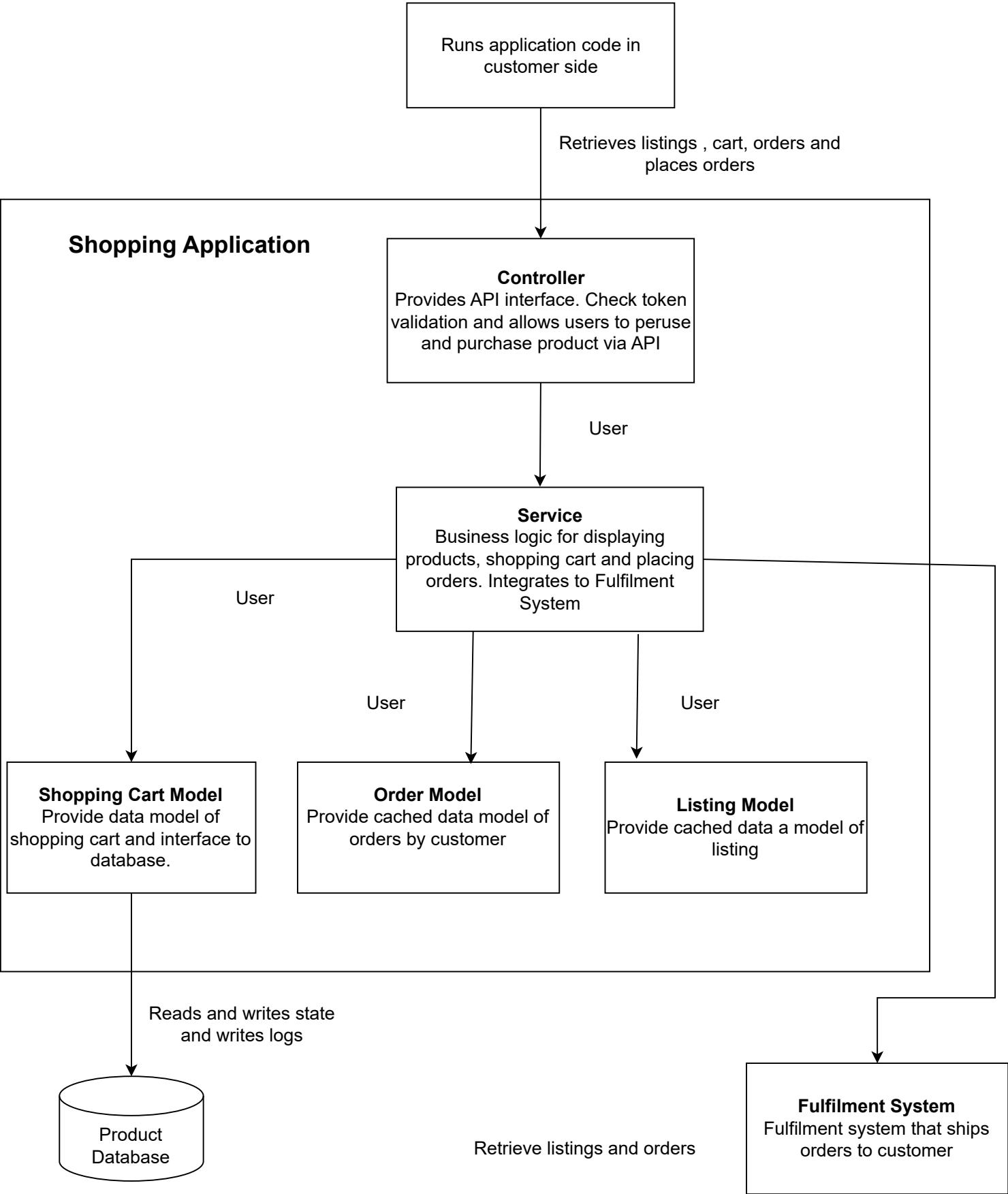
## Context Diagram



# Container Diagram



Component Diagram

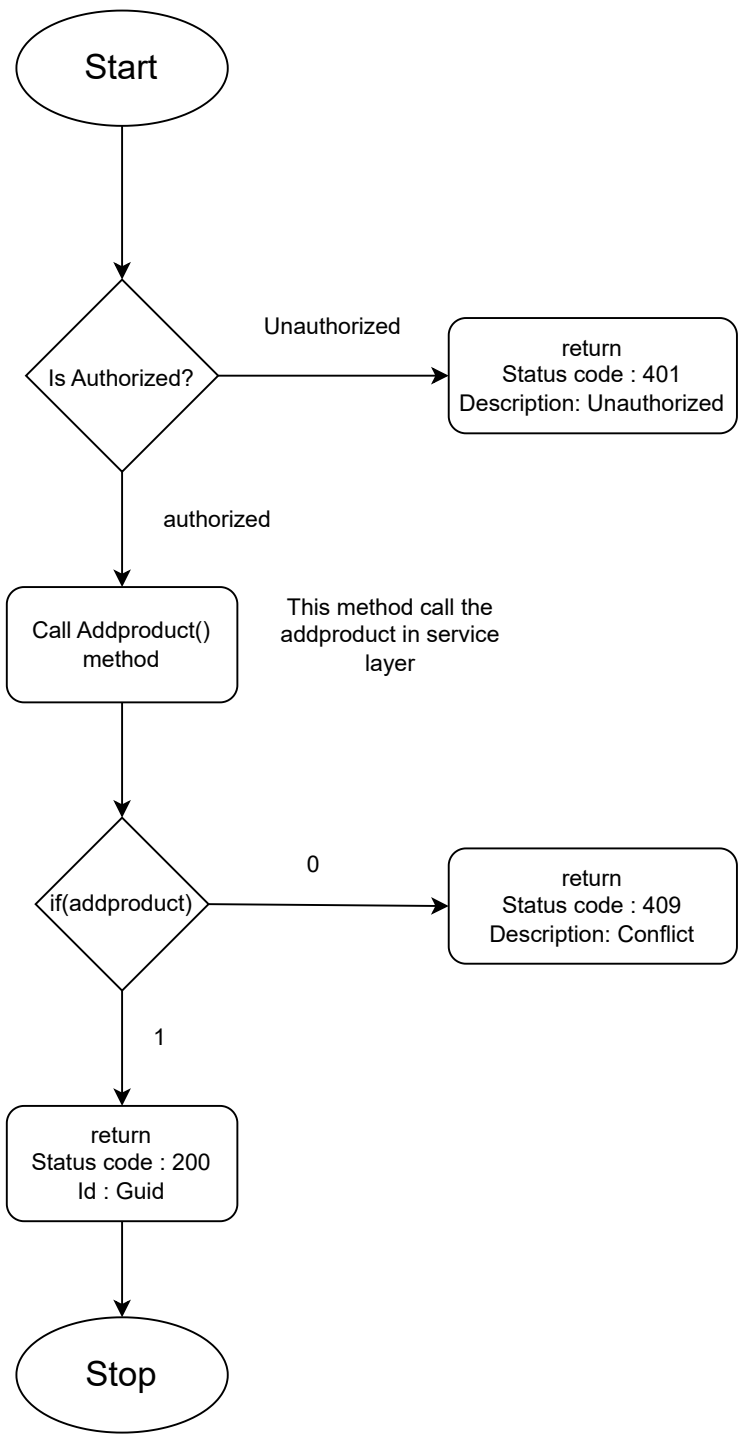


# Create Product API

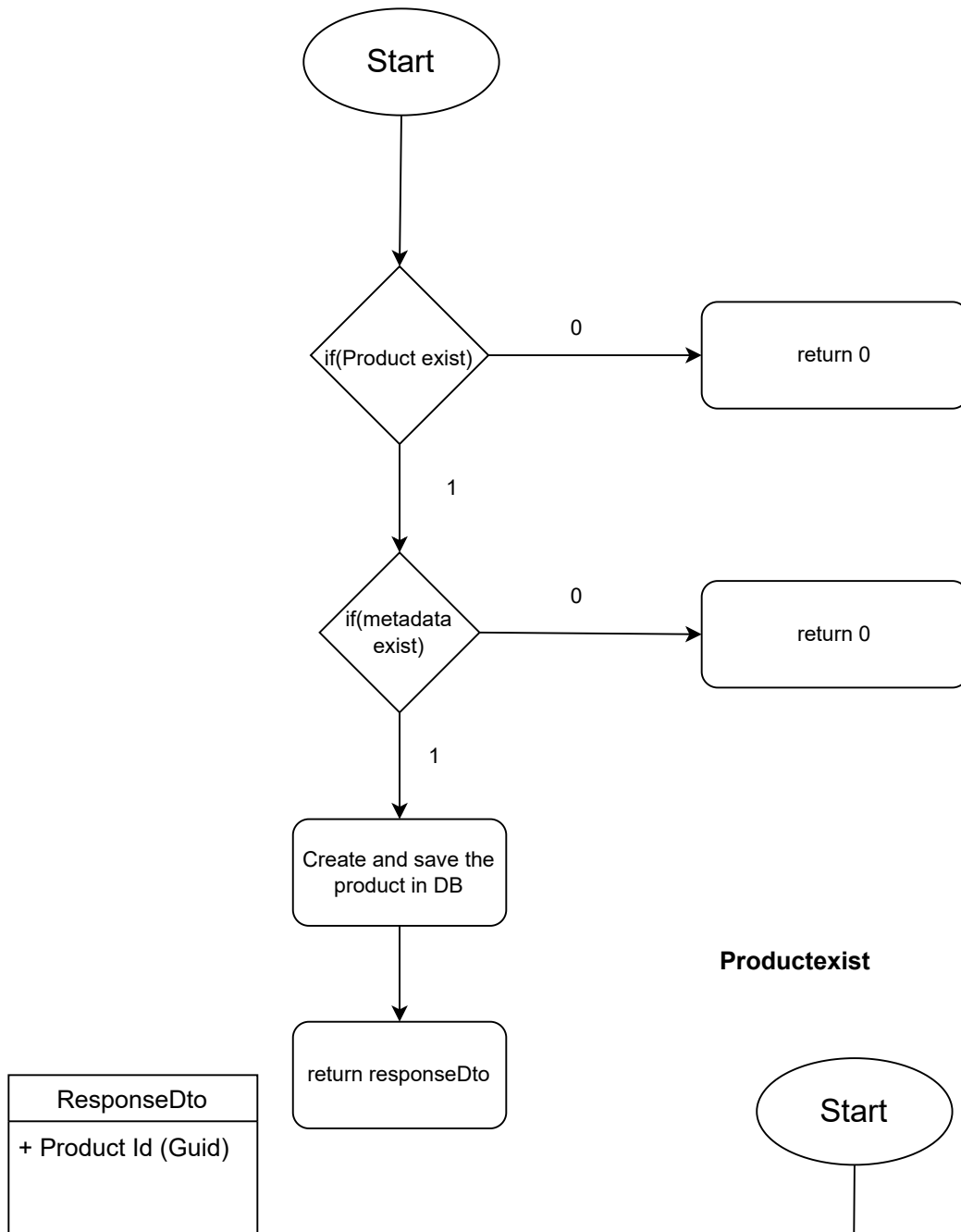
input
+ admin_id : guid
+ name : string
+ description : string
+ visibility : string
+ <List>Catalog
+ created_at : string
+ modified_at : string

URL
api/user/product

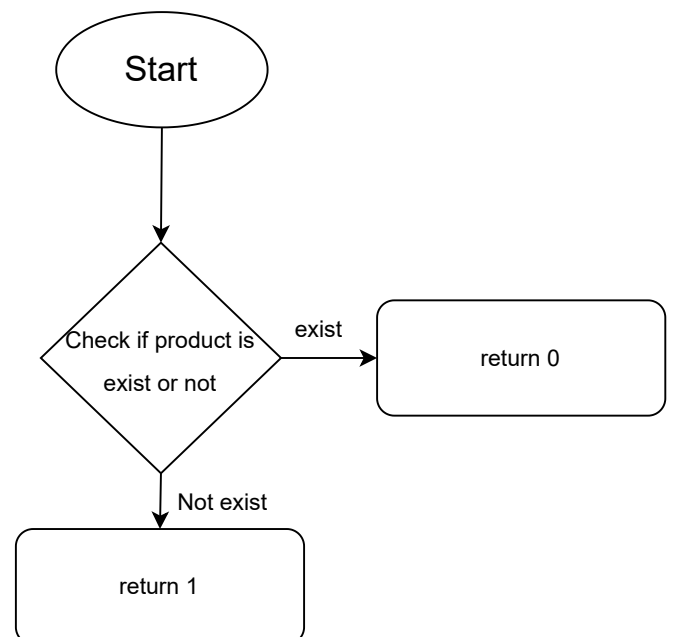
Method
post



## AddProduct



## Productexist



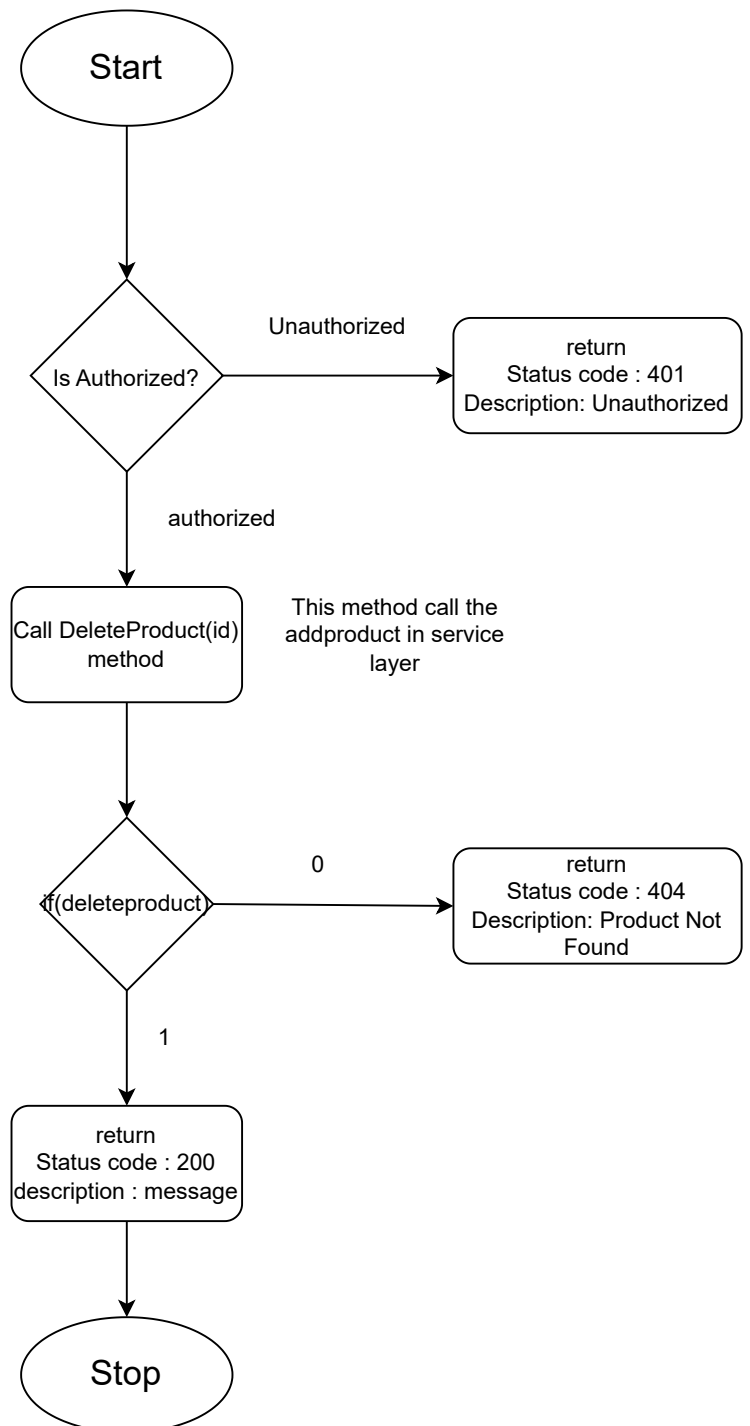


## Delete Product API

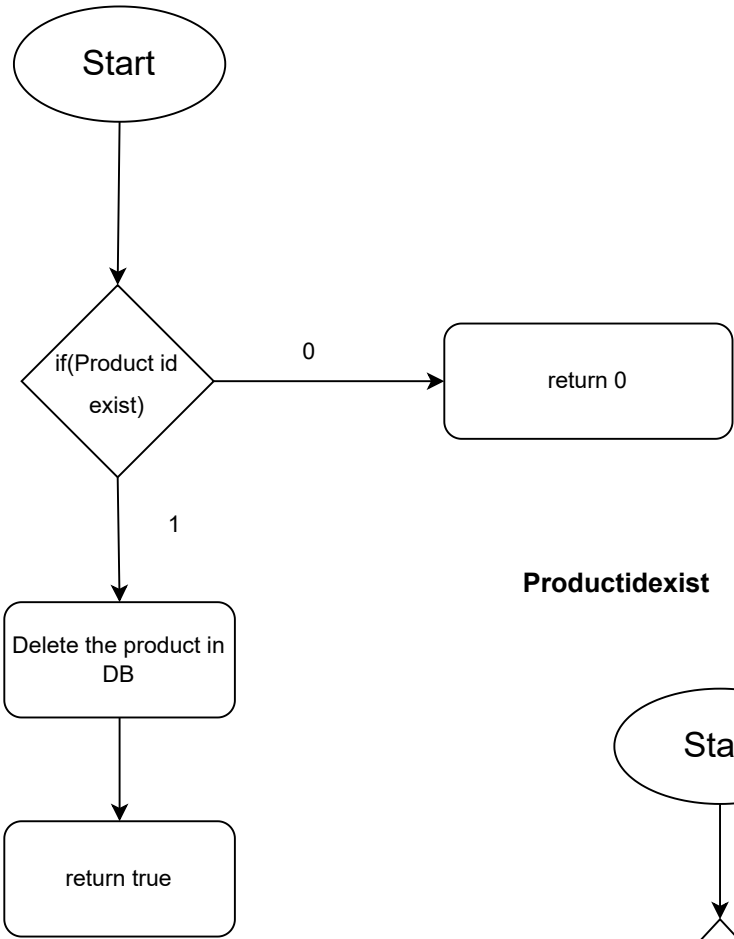
input
+ Product_id : guid

URL
api/user/product/{productid}

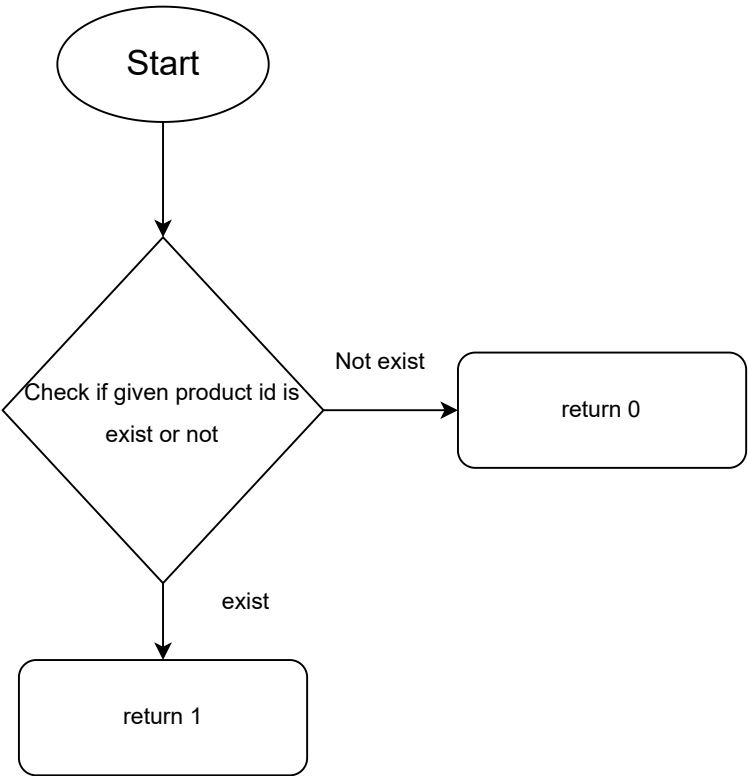
Method
delete



**DeleteProduct**



**Productidexist**

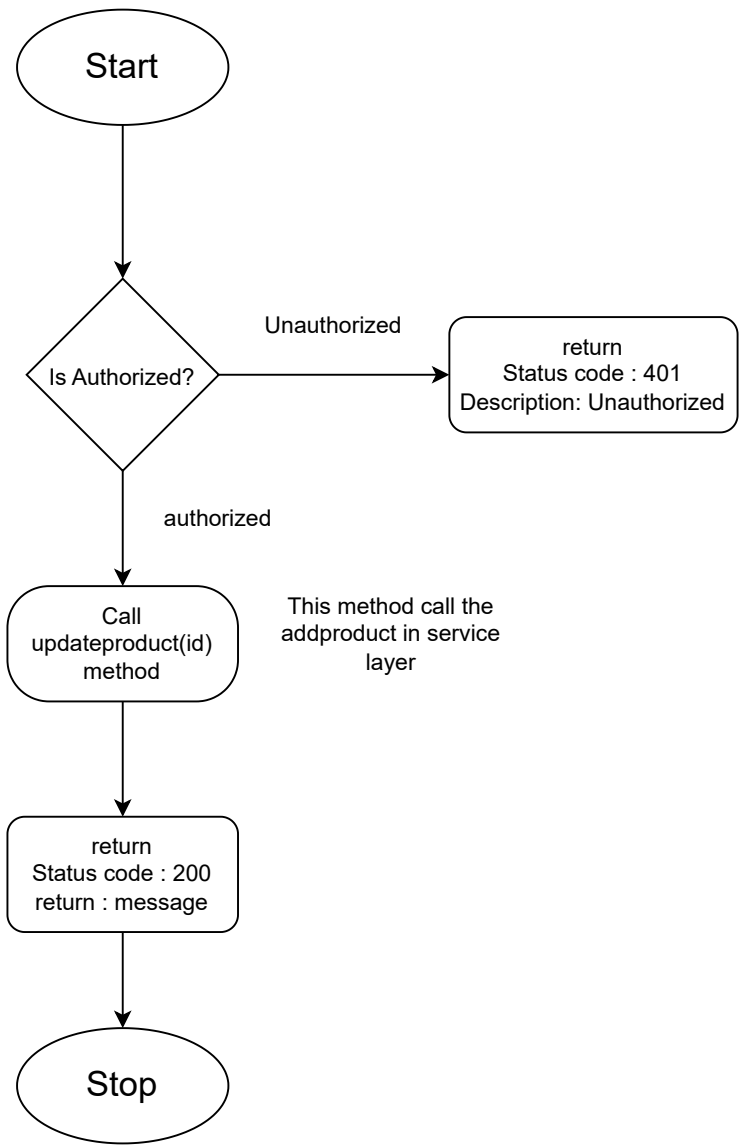


# Update Product API

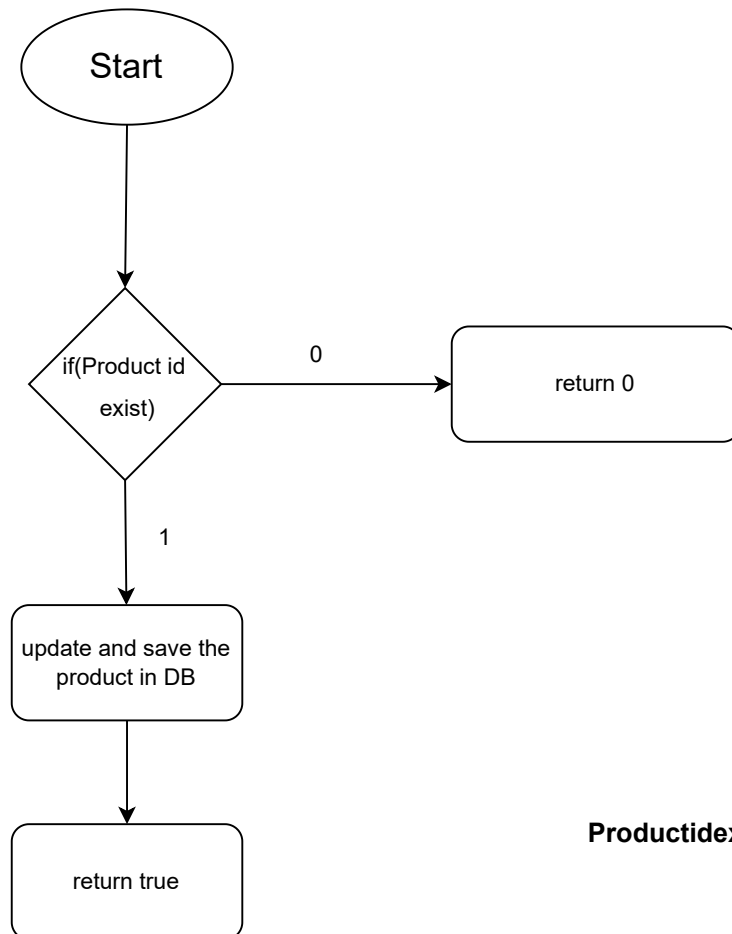
input
+ admin_id : guid
+ name : string
+ description : string
+ visibility : string
+ <List>Catalog
+ created_at : string
+ modified_at : string

URL
api/user/product/{productid}

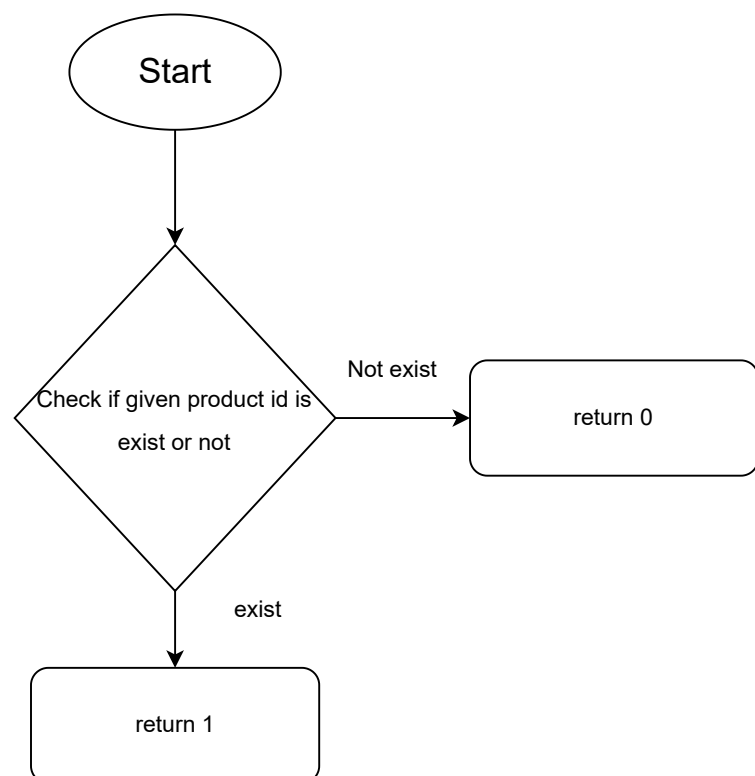
Method
put



## UpdateProduct



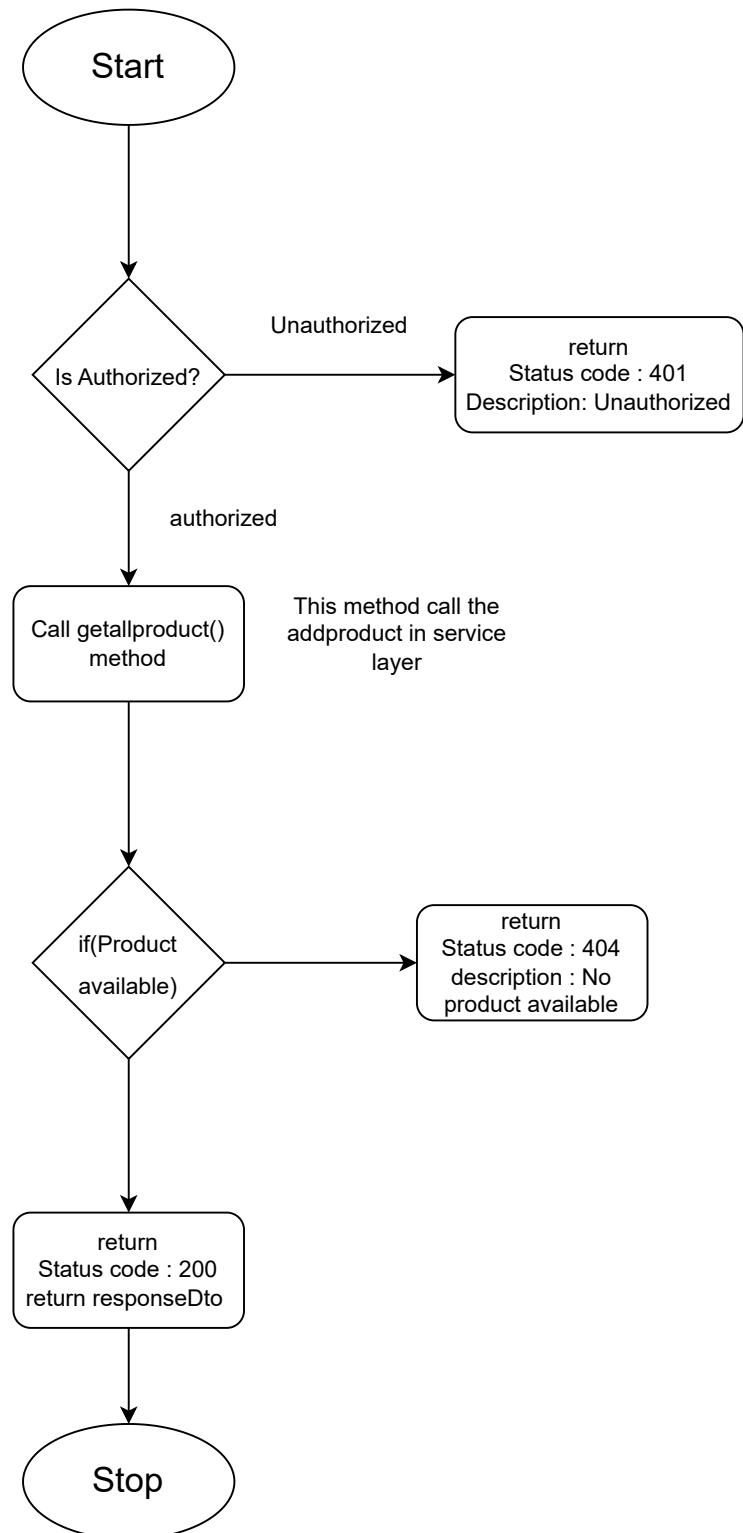
## Productidexist



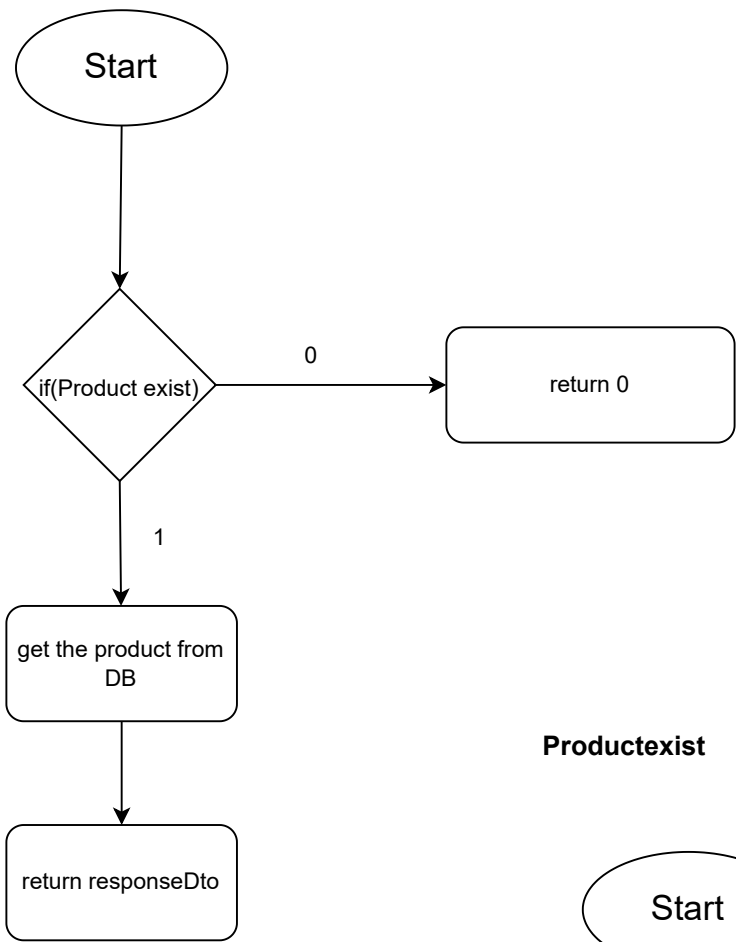
## Get Product API

URL
api/product/getallproduct

Method
get

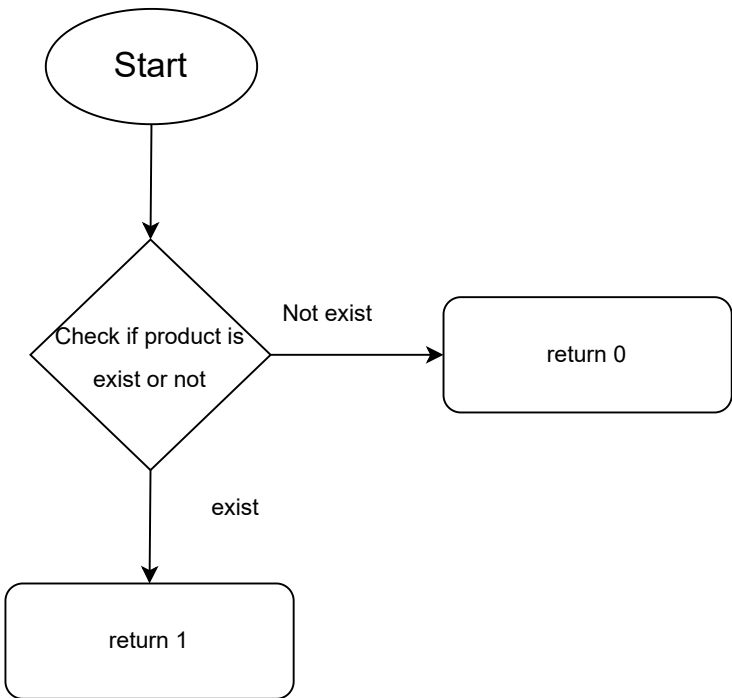


**getAllProduct**



responseDto
product : <List>

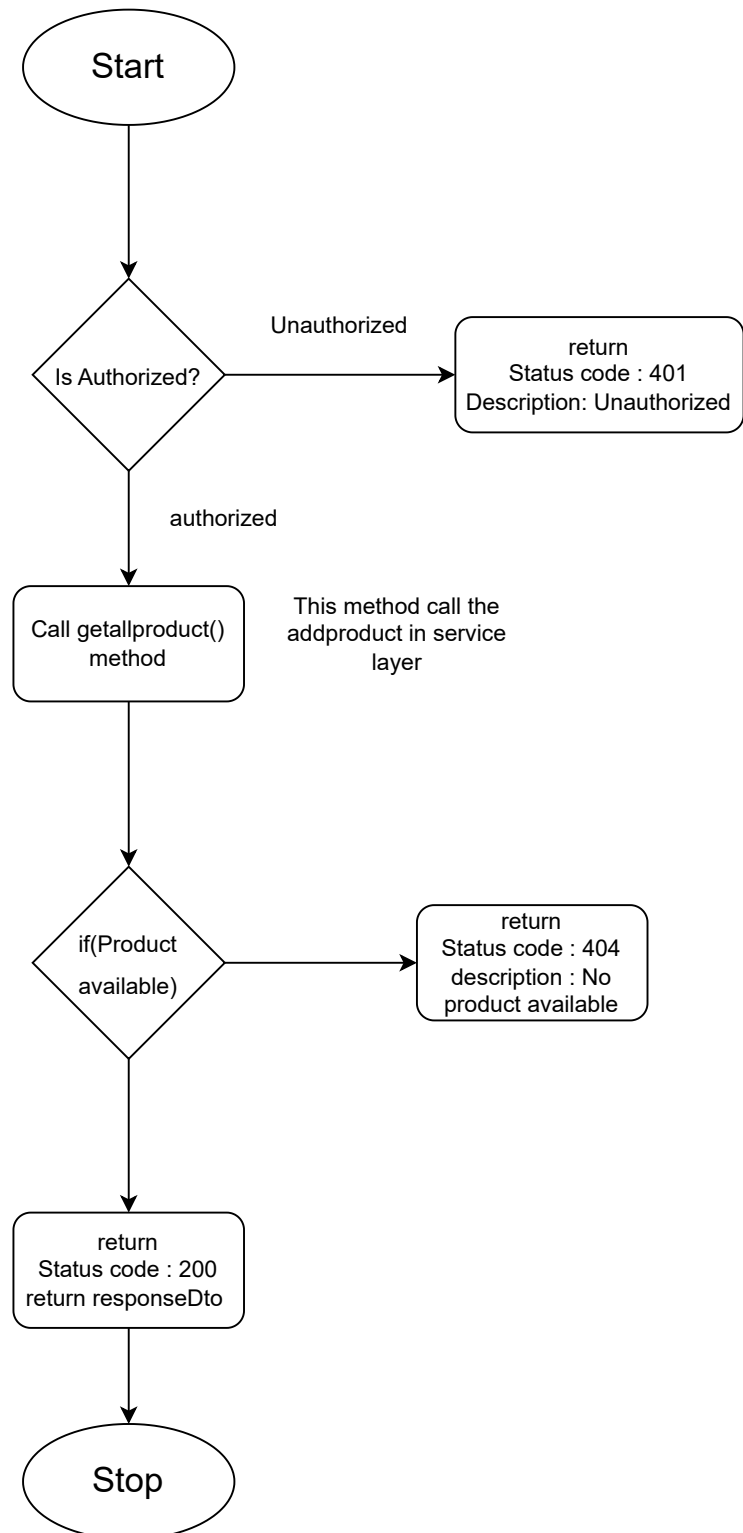
**Productexist**



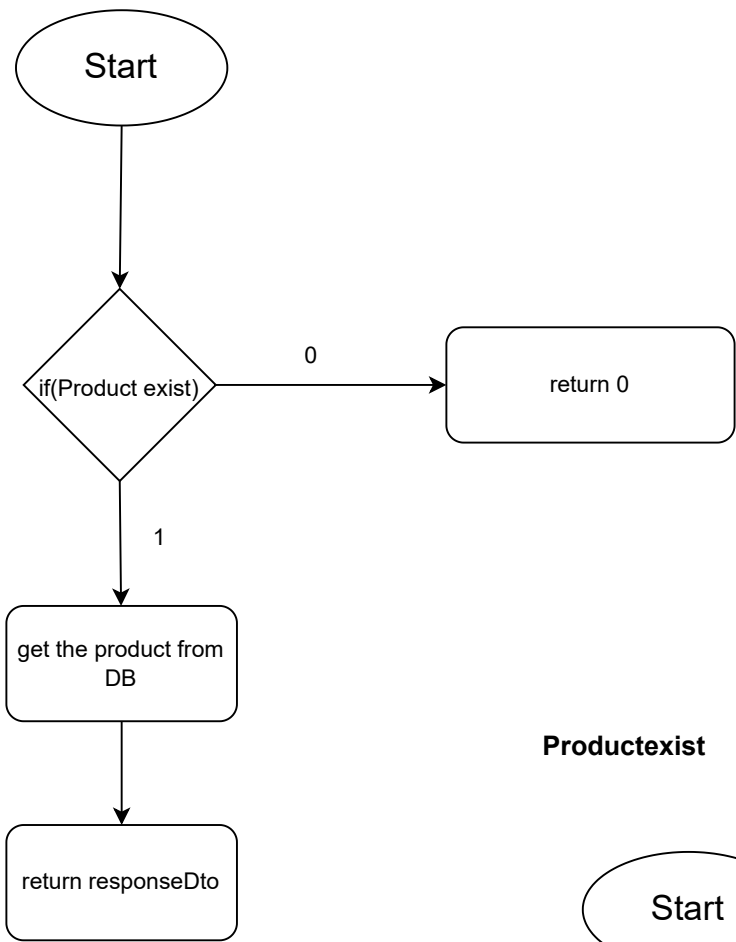
## Get Product API

URL
api/product/getallproduct

Method
get

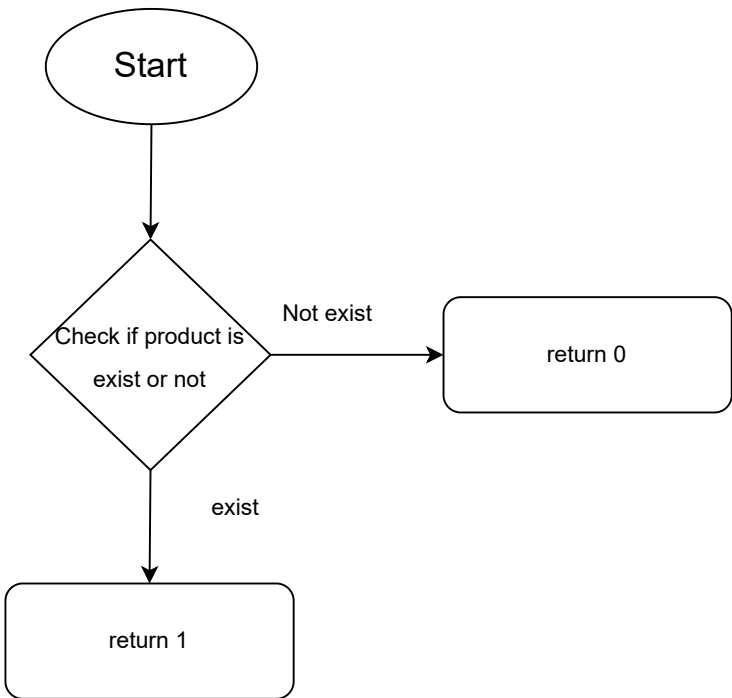


**getAllProduct**



responseDto
product : <List>

**Productexist**

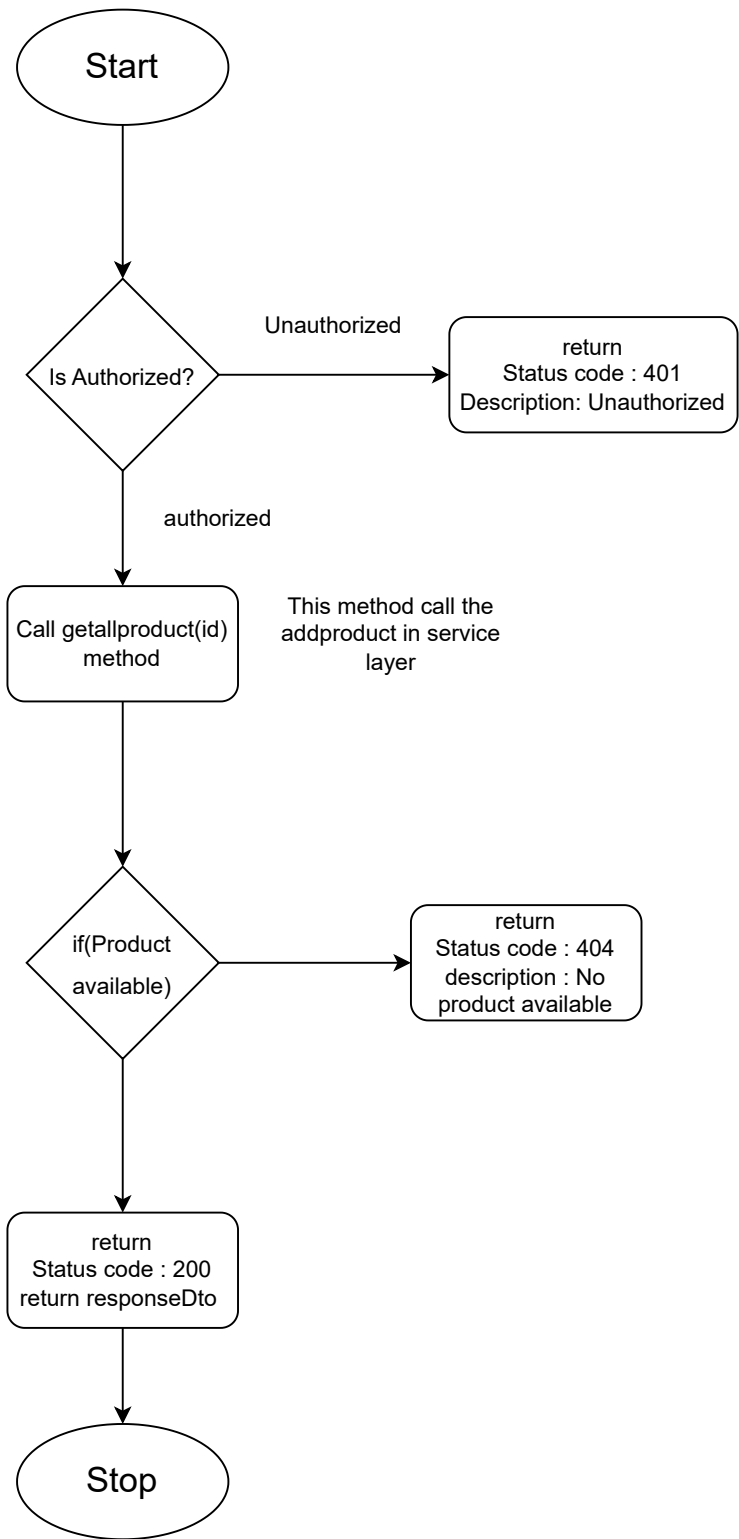




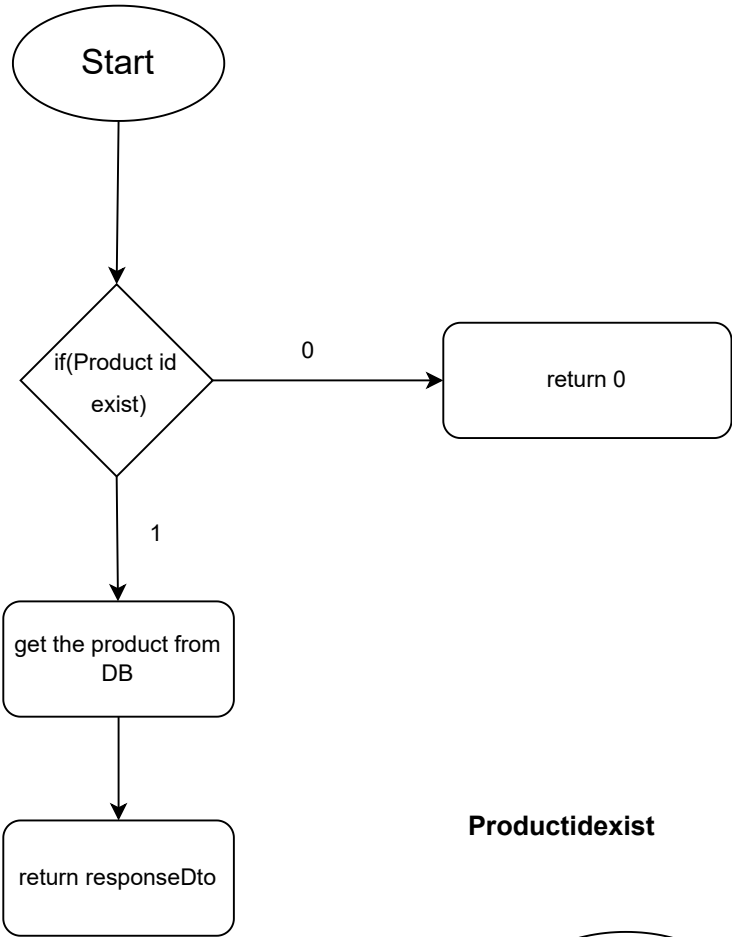
# Get An Product API

URL
api/product/getanproduct/{product

Method
get

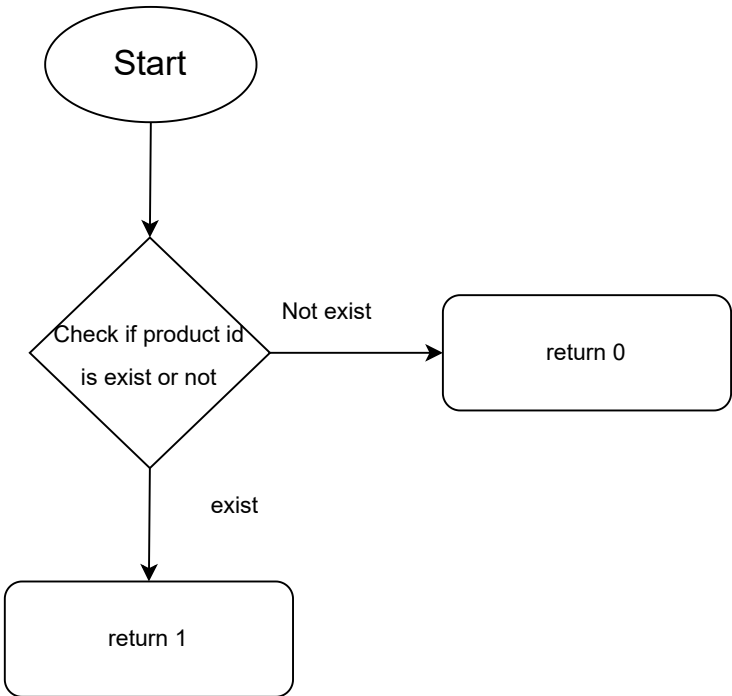


getanProduct



responseDto
+ name : string
+ description : string
+ price : decimal
+ image : byte
+ visibility : string
productcount : integer

Productidexist

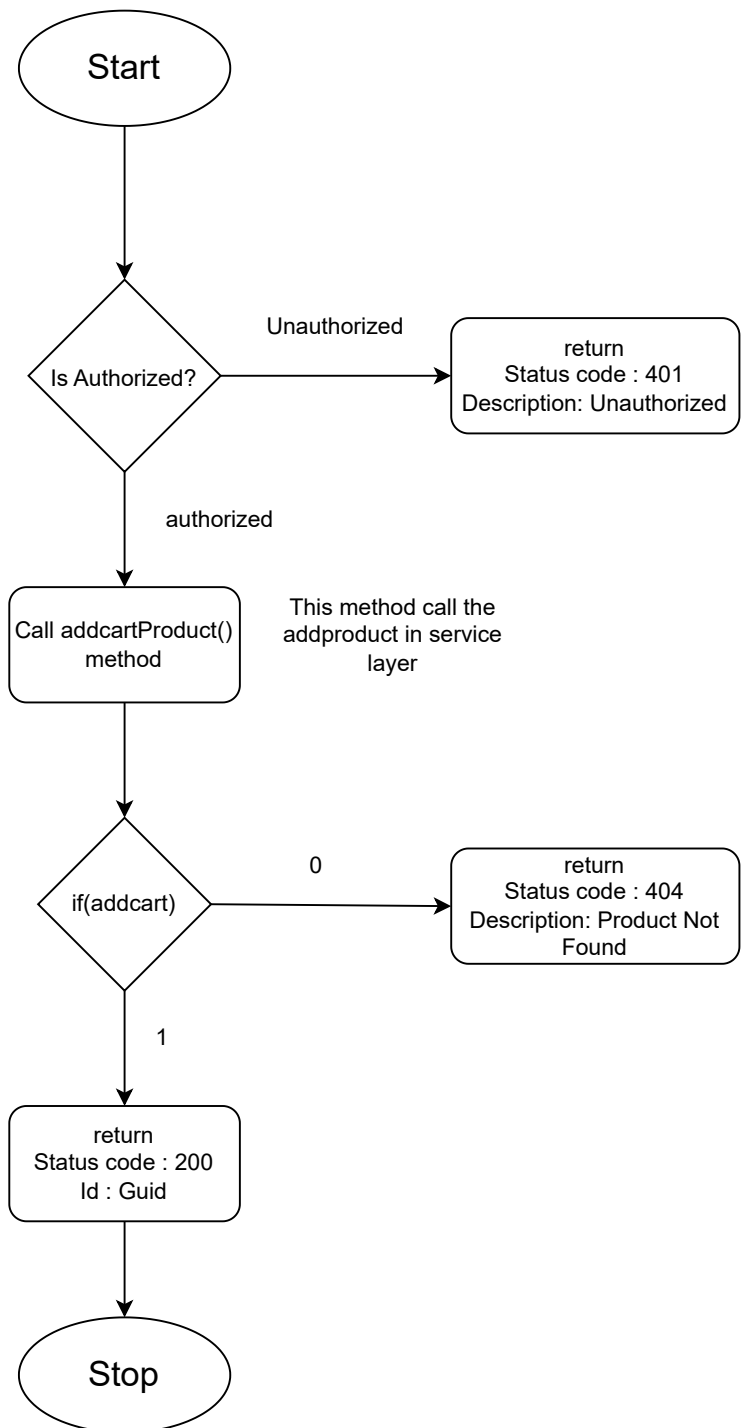


## Add Cart Product API

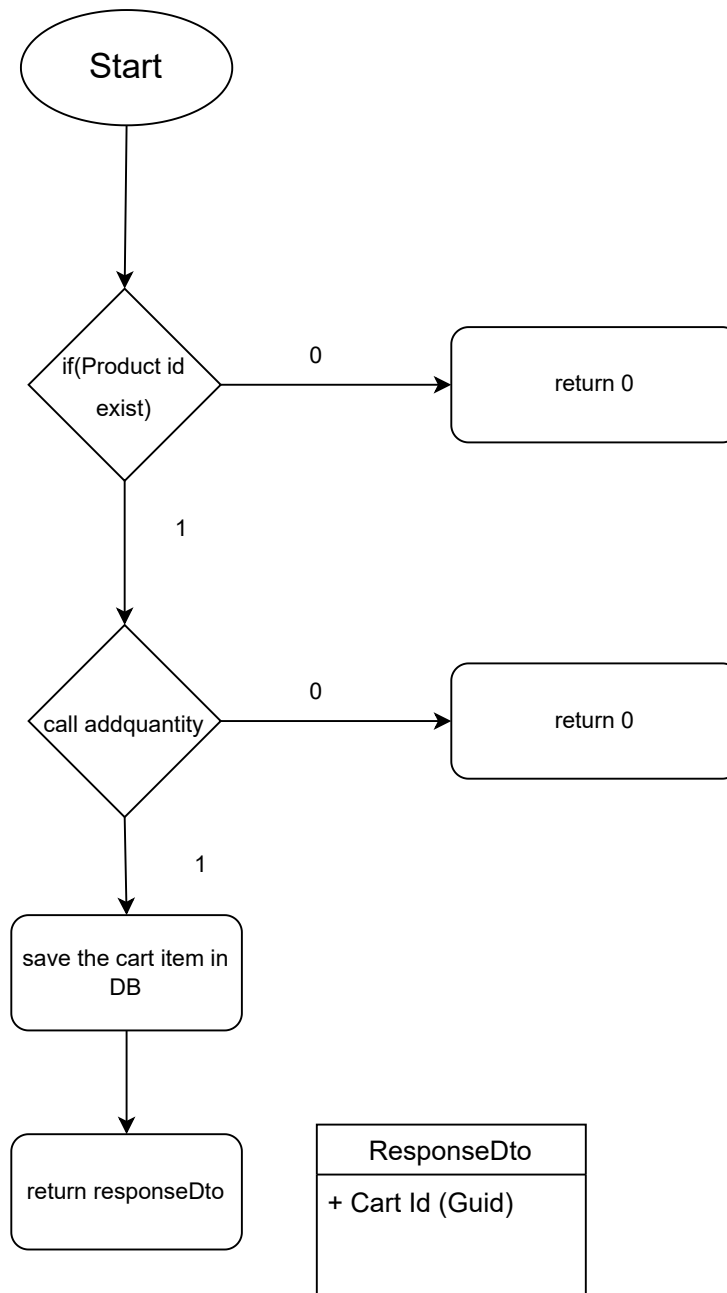
input
+ userid : guid
+ quantity : integer

URL
api/user/addcart/{productid}

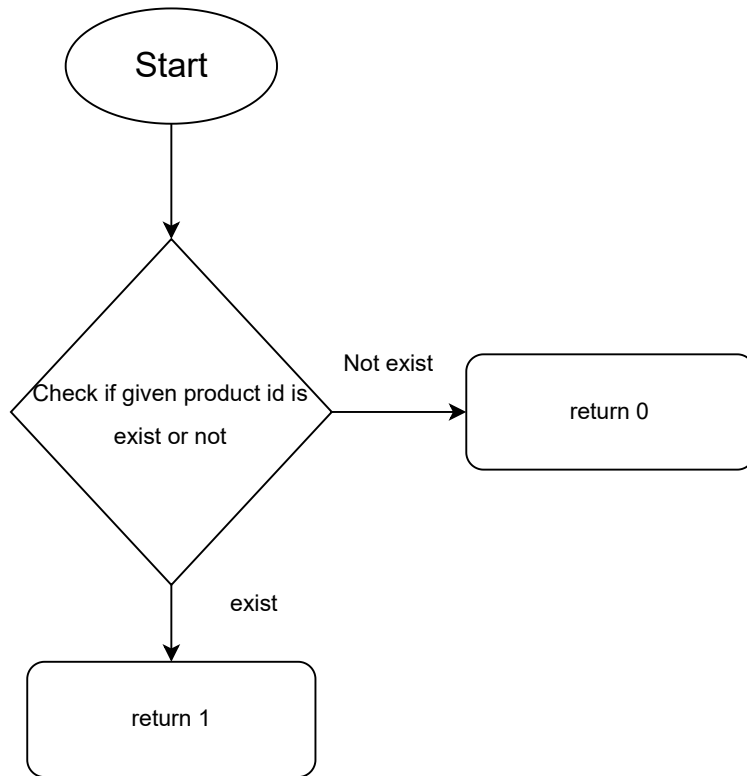
Method
post



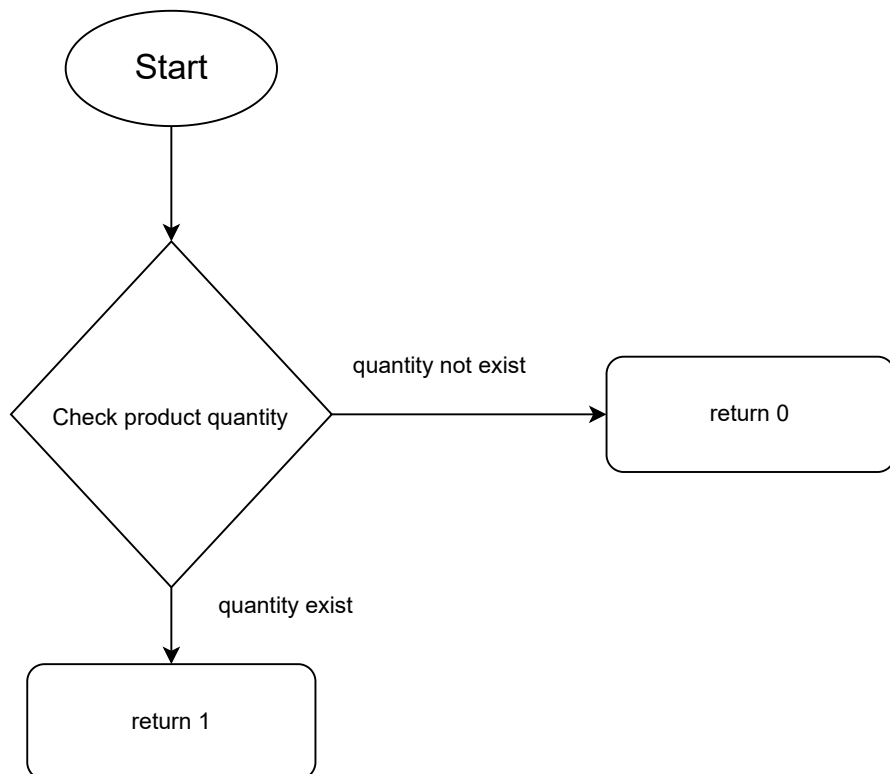
## AddcartProduct



### Productidexist



### AddQuantity

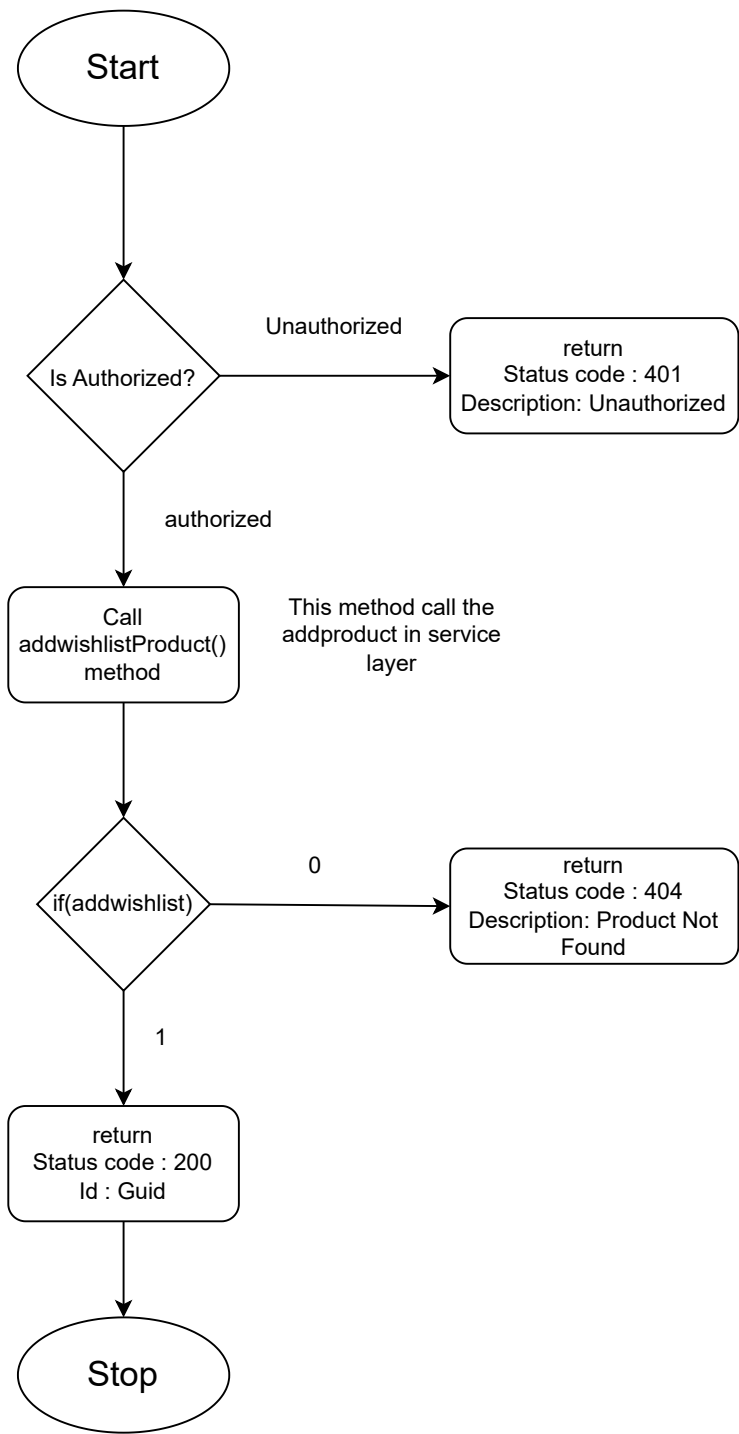


Add Wishlist Product API

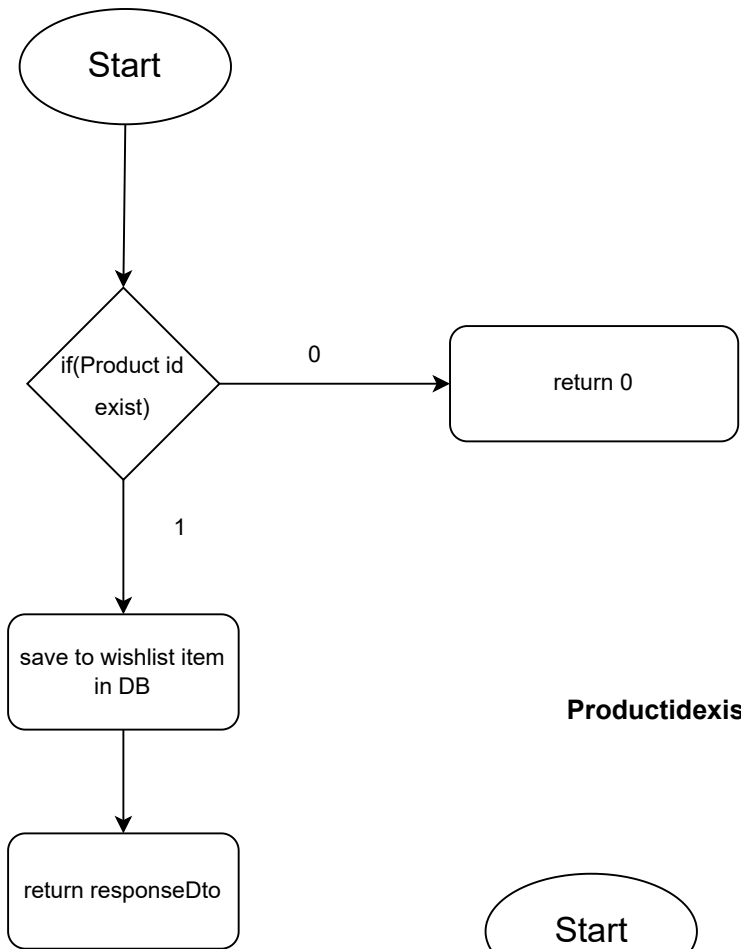
input
+ userid : guid

URL
api/user/addwishlist/{productid}

Method
post

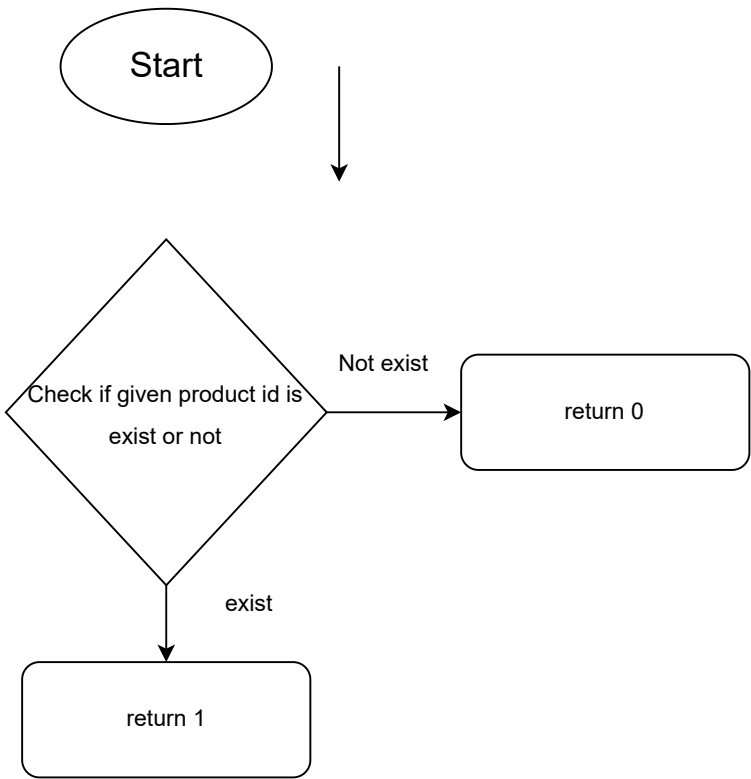


**AddwishlistProduct**



ResponseDto
+ Wishlist Id (Guid)

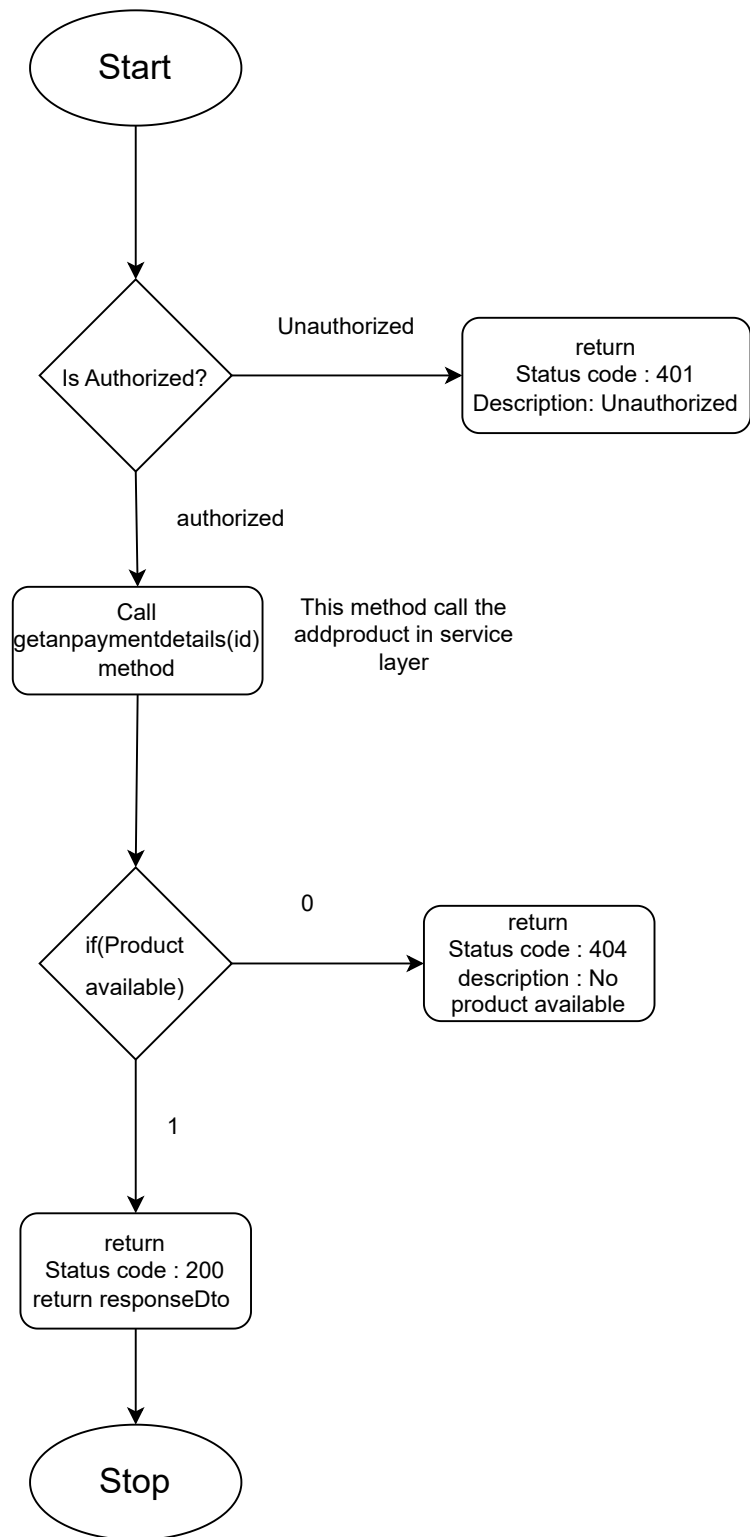
**Productidexist**



## Get An Paymentdetails

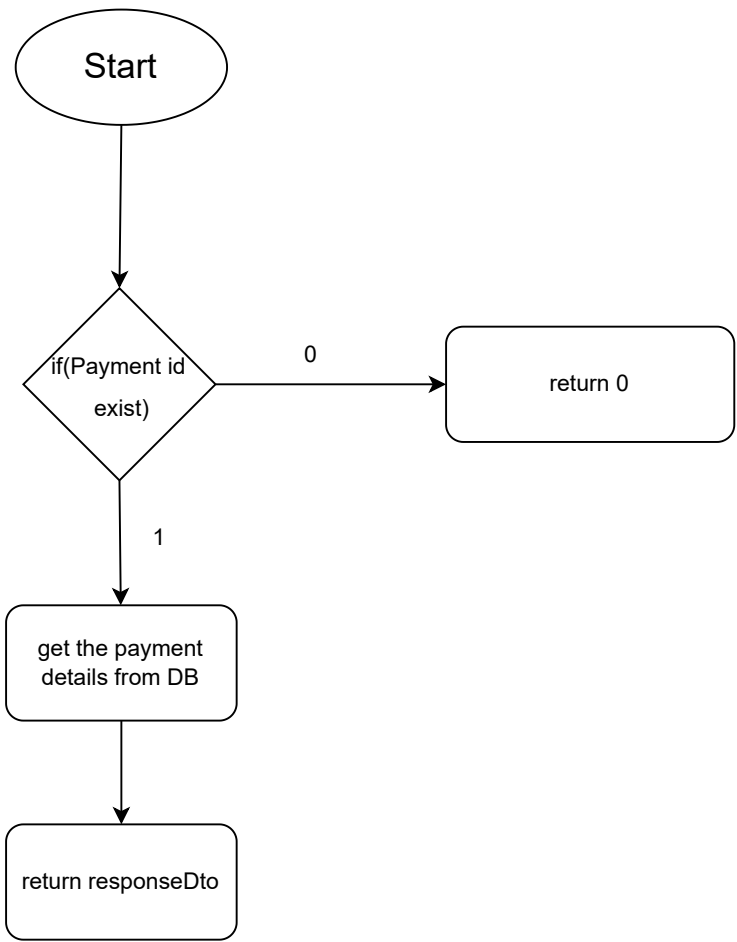
URL
api/order/getpaymentdetails/{paymentid}

Method
get



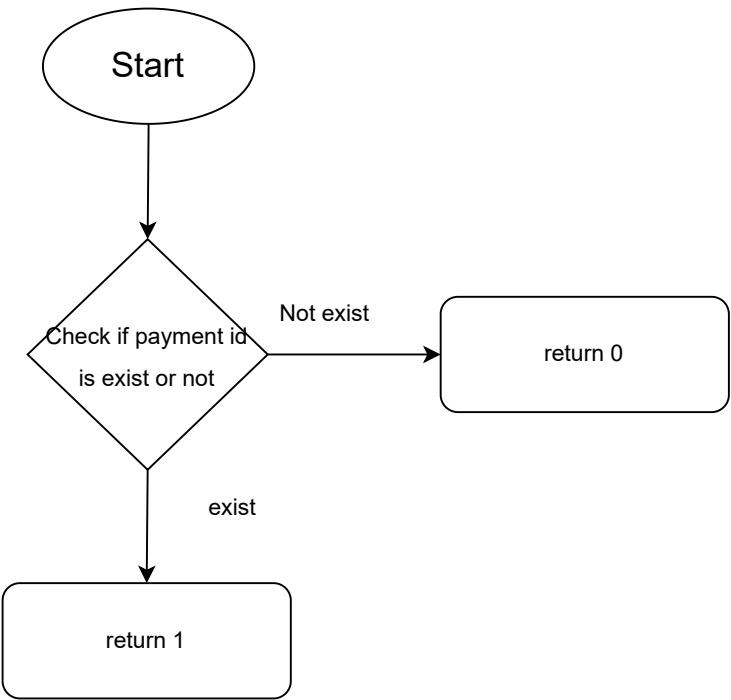


getanpaymentdetails



responseDto
+ userid : guid
+ orderid : guid
+ amount : decimal
+ upi : string
+ paymenttype : string
+ status : bool

Productidexist

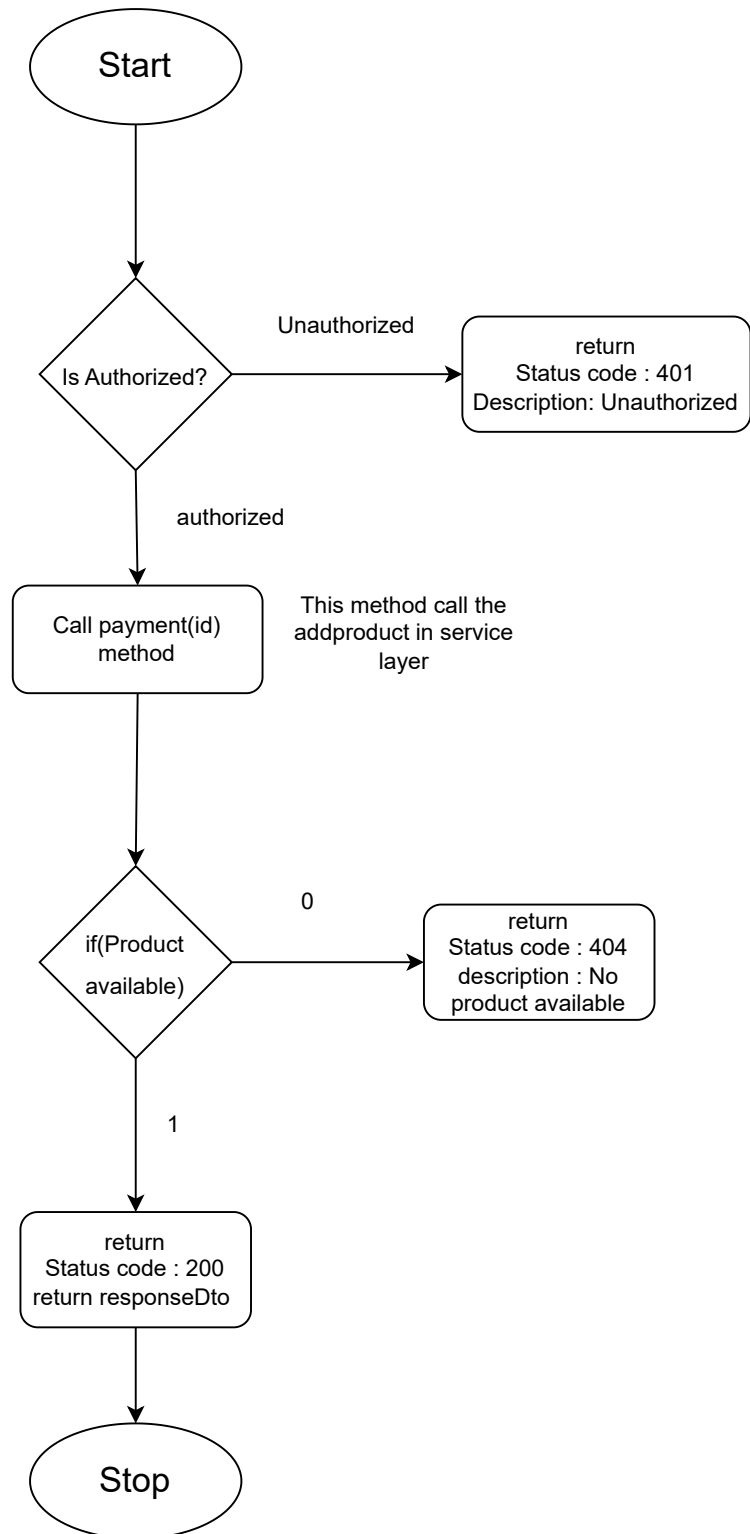


## Payment

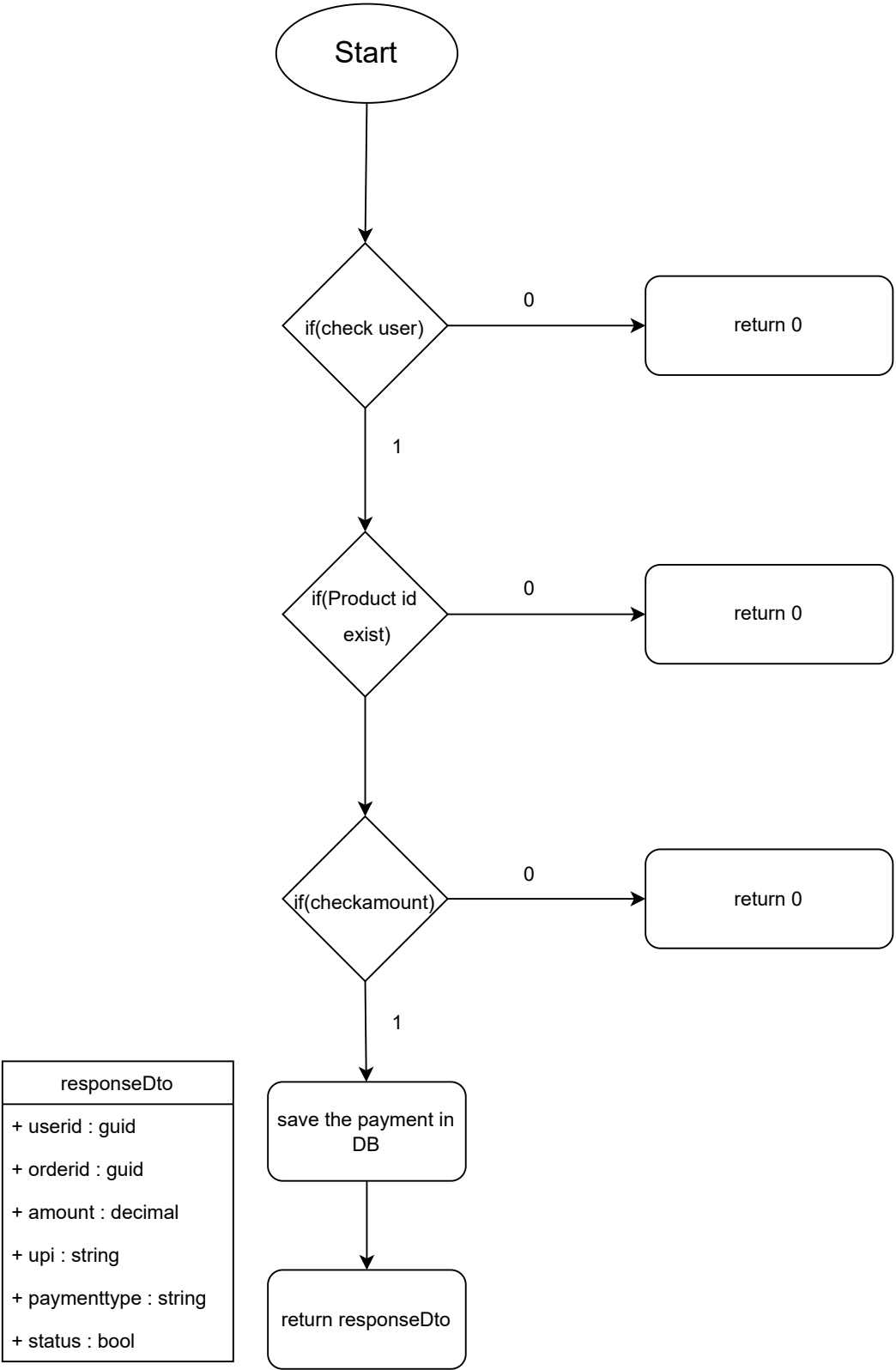
input
+ userid : guid
+ cartid : guid
+ paymenttype: string
+ amount : decimal

URL
api/order/cart/payment/{producttid}

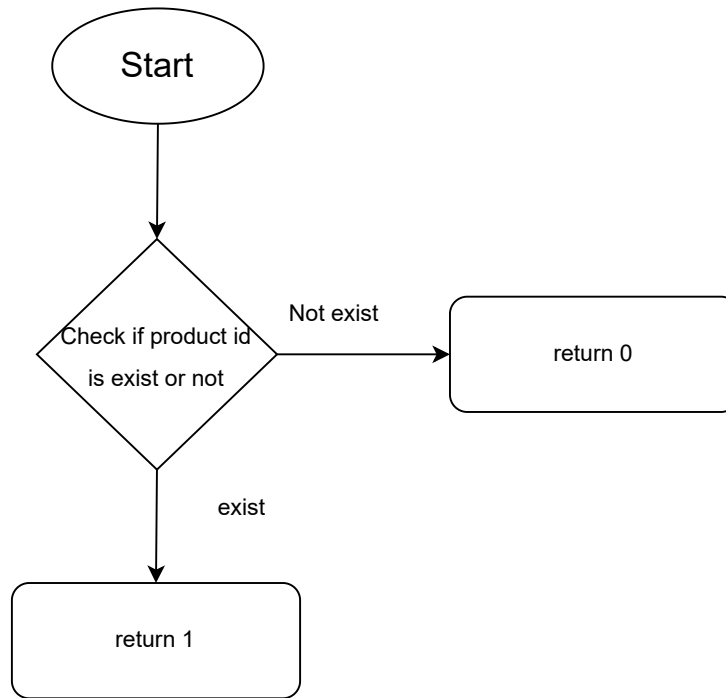
Method
post



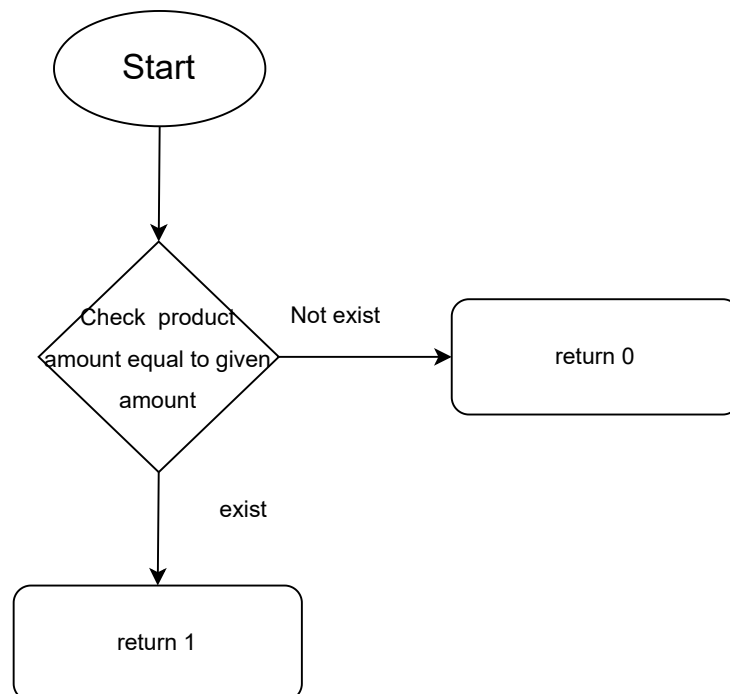
payment



### Productidexist



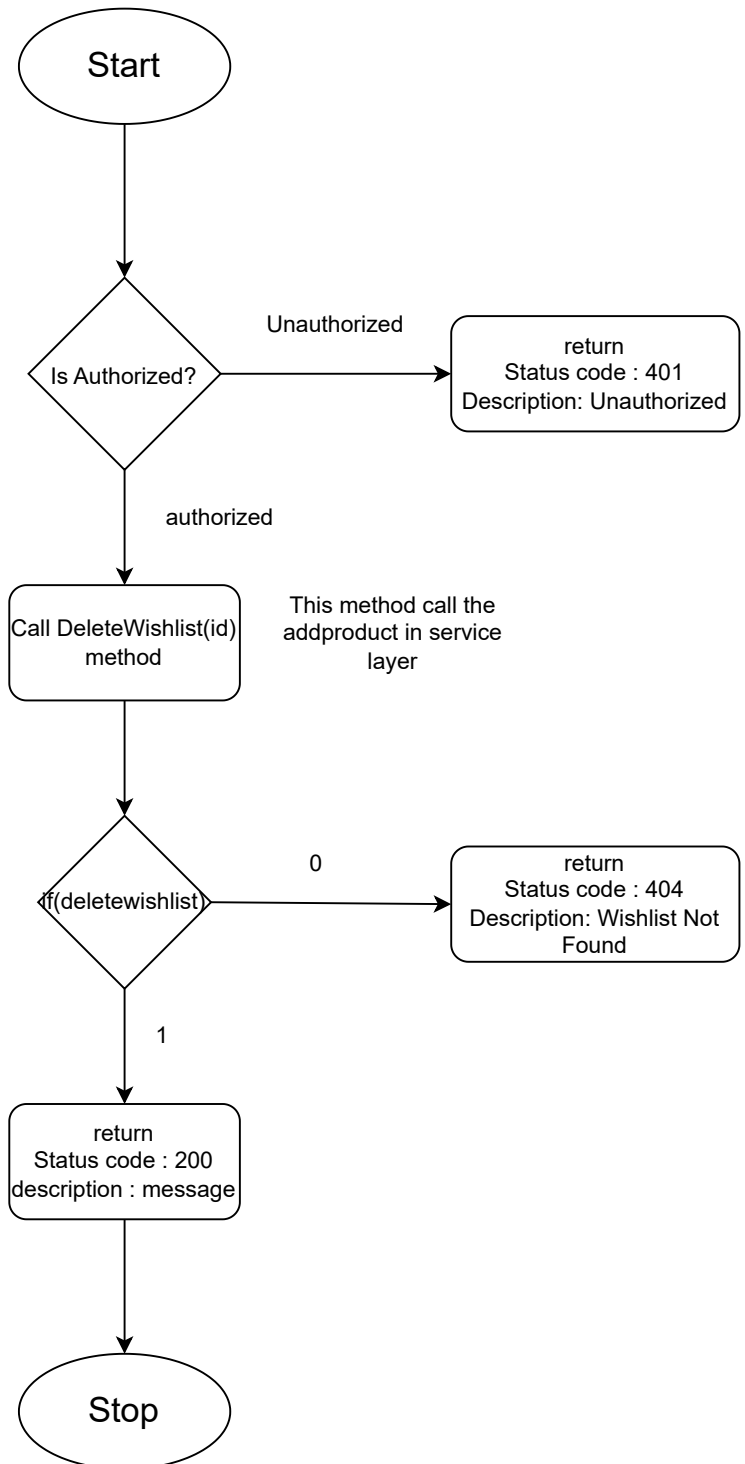
### Checkamount



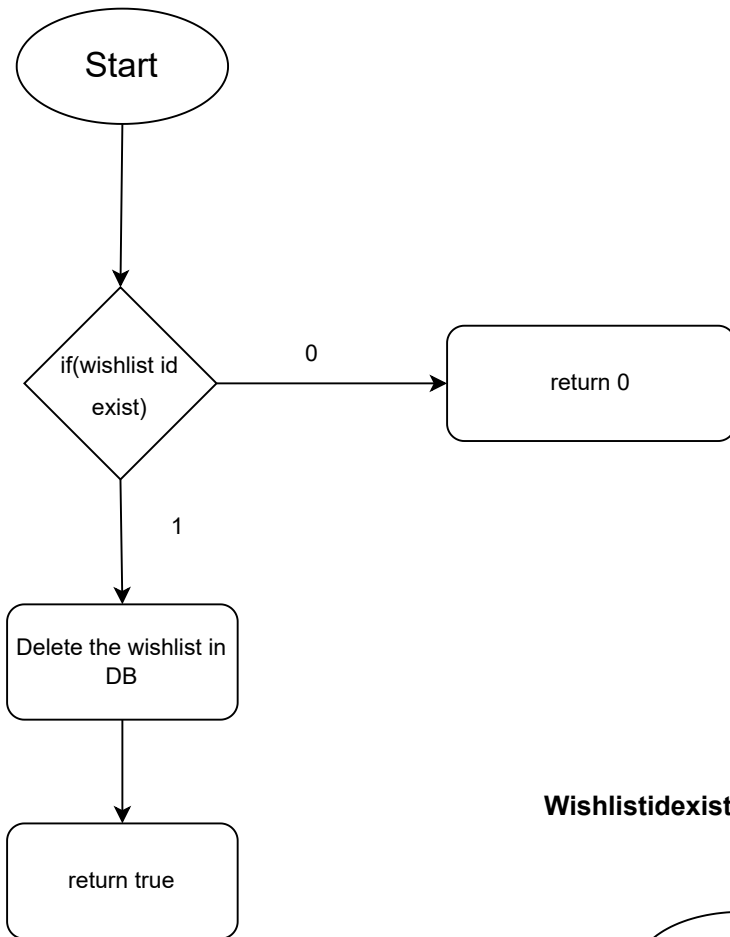
## Delete Wishlist API

URL
api/product/wishlist/{userid}/{wishlistid}

Method
delete



## DeleteWishlist



## Wishlistidexist

