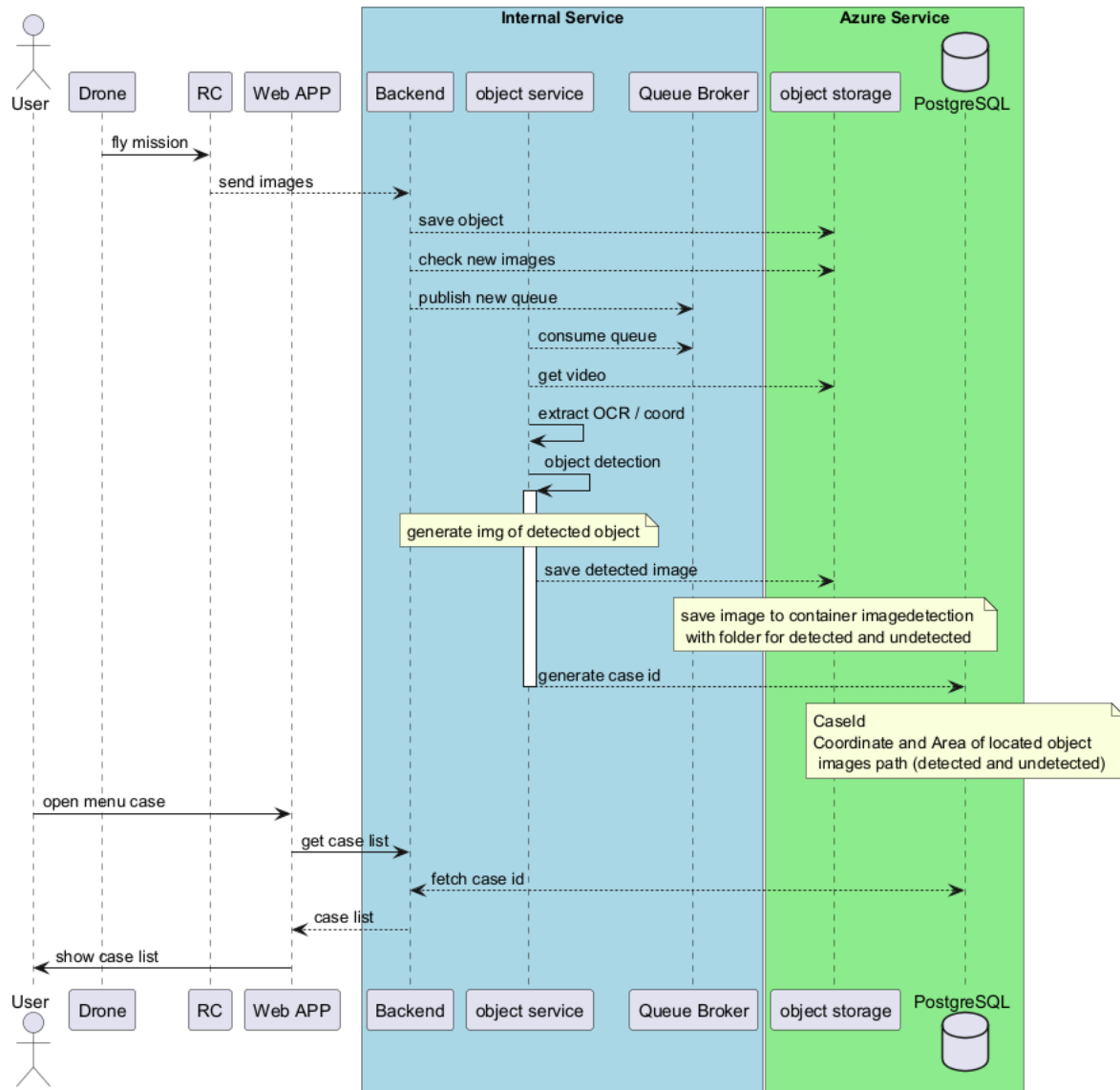# Technical Resources

Flow

Entity Relationship

case_detail
status : string
assigned : string
created_at : timestamp

id : int(pkey)
order_id : int(fkey)

case
info : string
location : lat,long
assign_to : int nullable
source : string
created_at : timestamp
updated_at : timestamp nullable

id : int(pkey)
object_id : int(fkey)
status_id : int(fkey)

object
detected_id : uuid
name : string
first_img : blob_path
first_bbox_x : x1,x2
first_bbox_y : y1,y2
last_img : blob_path
last_bbox_x : x1,x2
last_bbox_y : y1,y2
location : lat,long
storage_container: blob_container
created_at : timestamp
updated_at : timestamp nullable

id : int(pkey)

access
role_id : int
menu_id : int
permission : string
created_at : timestamp
updated_at : timestamp nullable

id : int(pkey)

case_status
name : string
created_at : timestamp
terminated_at : timestamp nullable

id : int(pkey)

user
username : string
email : string
password : bcrypt
fullname : string
status_id : int
role_id : int
created_at : timestamp
updated_at : timestamp

id : int(pkey)

location.area_detail
area_id : int
description : string

id : int(pkey)
geom : geometry(polygon)

access_menu
name : string
code : string
created_at : timestamp
terminated_at : timestamp nullable

id : int(pkey)

access_role
name : string
created_at : timestamp
terminated_at : timestamp nullable

id : int(pkey)

user_status
name : string
created_at : timestamp
terminated_at : timestamp nullable

id : int(pkey)

location.area
description : string

id : int(pkey)
geom : geometry(polygon)

User → WWW → FE → BE → SQL PostgreSQL

Drone Controller → Image Server

Queue

Object Detection

Save Caselist and location

Drone

Image Storage