Sakarya Üniversitesi

Bilgisayar ve Bilişim Bilimleri Fakültesi

Bilgisayar Mühendisliği Bölümü

2021-2022 Güz Dönemi

Veritabanı Yönetim Sistemleri Proje Ödevi

Hazırlayan

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1-)Uygulamanın Tanıtımı:

Veteriner hekimlerin,hasta kliniklerinde hasta takibini daha rahat,hızlı ve güvenilir şekilde yapmasına imkan sağlamak için geliştirilmiştir.Uygulamamda hasta bilgileri,kullanılan ilaçlar,tıbbi cihazlar gibi bir çok önemli bilgi veritabanımda bulunan birbirleriyle ilişkili tablolarda tutulmaktadır.Böylelikle kayıtların tutulacağı defter,klasör ya da excell ortamından daha hızlı,güvenli,yorumlanabilir ve aktif bir şekilde kullanılabilir bir yapı kazandırılmıştır.Genel olarak hasta takibini ve taburcu işlemlerini otomatikleştiren bu yazılım veteriner hekimlerin hem zamandan tasarruf etmesini sağlayacak,hem de eksiklerin ve ihtiyaçların hızlı bir şekilde belirlenmesine olanak.

2-)İş Kuralları

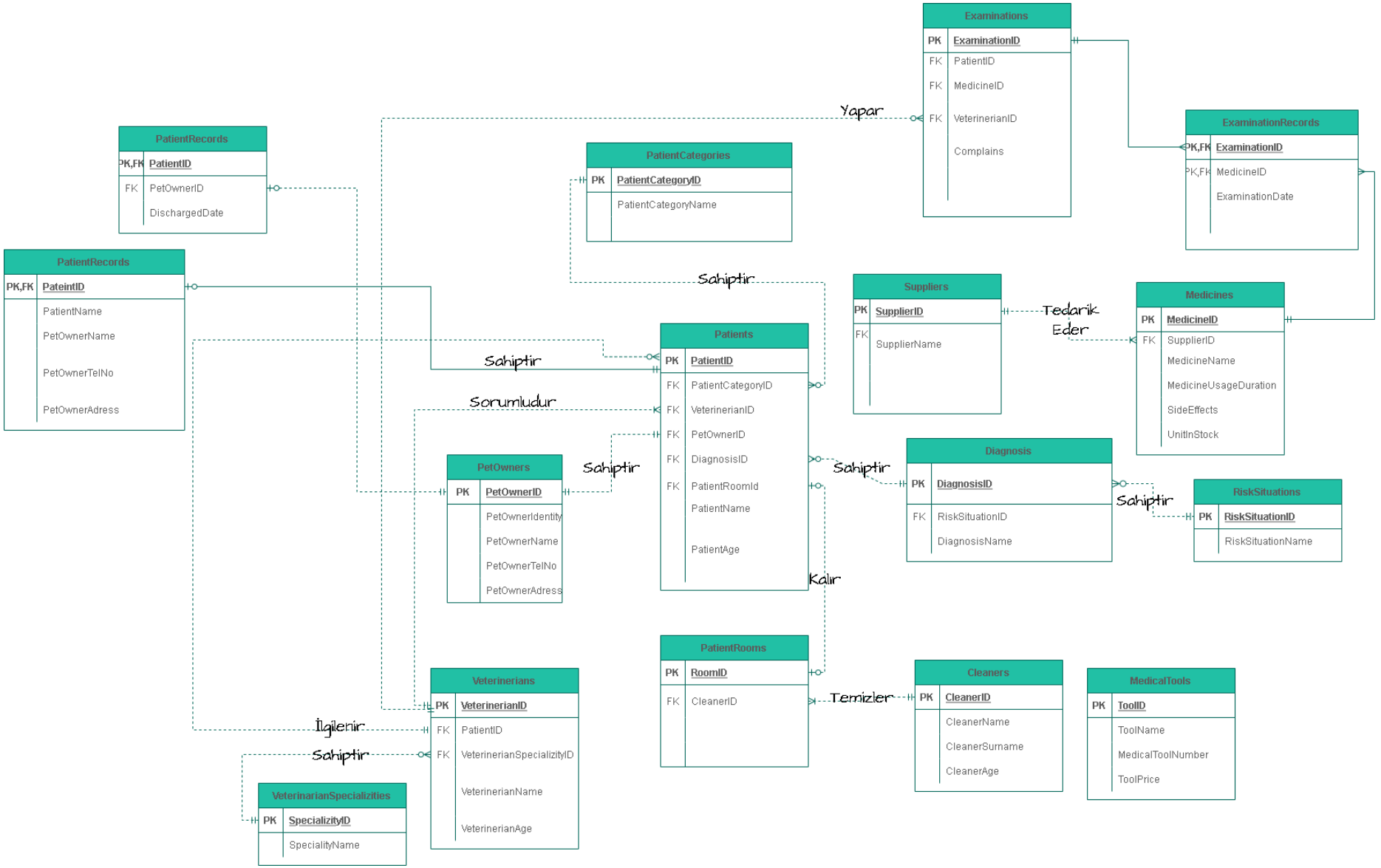
- Bir hasta yalnızca bir kategoriye ait olabilir.Bir kategoriye ait en az hiç,en çok çok sayıda hayvan olabilir.
- Bir hasta en az 1,en çok çok sayıda muayene olmuş olabilir.Bir muayene en az ve en çok bir hastaya aittir.
- Bir hastayla ilgilenen en az ve en çok 1 veteriner hekim olmalıdır.Bir veteriner hekim birden fazla hastayla ilgilenebilir.
- Bir hastanın en az ve en çok 1 hasta sahibi olabilir.Bir hasta sahibi en az ve en çok 1 hayvana sahip olabilir.
- Bir hasta en az ve en çok bir tanıya sahip olabilir.Bir tanı birden fazla hayvana koyulmuş olabilir.Ya da koyulmamış da olabilir.
- Bir hasta bir odada kalmayabilir veya bir odada kalabilir.Bir odada hasta kalabilir veya boş olabilir.
- Bir hasta odasını en az ve en çok bir temizlikçi temizlemelidir.Bir temizlikçi en az 1 en fazla çok sayıda oda temizleyebilir.
- Bir tanı en az ve en çok bir risk durumuna sahiptir.Bir risk durumu hiçbir tanıya ait olmayabilir veya çok sayıda tanıya ait olabilir.
- Bir muayeneyi en az ve en çok bir veteriner hekim gerçekleştirebilir.Bir veteriner hekim hiç muayene gerçekleştirmmiş veya çok sayıda gerçekleştirmiş olabilir.
- Bir ilaç en az ve en çok bir tedarikçi tarafından kullanılabilir.Bir tedarikçi en az bir en çok çok sayıda ilacı tedarik edebilir.
- Bir hasta sahibi en az ve en çok bir ödeme yapmış olabilir.Bir ödeme yalnızca bir hasta sahibi tarafından yapılmış olabilir.
- Bir veteriner hekim en az ve en çok bir uzmanlığa sahip olabilir.Bir uzmanlık hiçbir veteriner hekime ait olmayabilir veya çok sayıda veteriner hekime ait olabilir.
- Bir hastanın en çok bir kaydı olabilir ya da olmayabilir.Bir kayıt yalnızca bir hastaya ait olabilir.
- Bir muayene kaydı en az ve en çok bir muayeneye ait olabilir.Bir muayenenin çok sayıda kaydı olabilir.

- Bir ilaç çok sayıda muayene kaydına ait olabilir.Bir muayene kaydı bir ilaca ait olabilir.

3-)İlişkisel Şema

- **patients**(PatientID:int,PatientCategoryID:int,VeterinerianID:integer,PetOwnerID:int, DiagnosisID:intPatientRoomID:int,PatientName:character varying(50),PatientAge:integer)
- **diagnoses**(DiagnosisID:int,RiskSituationID:int,DiagnosisName:character varying(50))
- **risksituations**(RiskSituationID:int,RiskSituationName:character varying(30))
- **medicaltools**(ToolID:int,ToolName:character varying(50))
- **patientcount**(PatientCount:int)
- **cleaners**(CleanerID:int,CleanerName:character varying(50),CleanerSurname:character varying(50),CleanerAge:int)
- **patientrooms**(PatientRoomID:int,CleanerID:int,RoomNumber:int)
- **petowners**(PetOwnerID:int,PetOwnerIdentityNo:character varying(11),PetOwnerName:character varying(30),PetOwnerSurname:character varying(30),PetOwnerTelNo:character varying(11),PetOwnerAdress:character varying(200))
- **veterinerians**(VeterinerianID:int,VeterinerianSpecializityID:int,VeterinerianAge:int, VeterinnerianName:character varying)
- **veterinerianspecializities** (SpecializityID:int, SpecializityName:character varying(50))
- **medicines** (MedicineID:int, SupplierID:int,MedicineName:character varying(50),SideEffects:character varying(1000),UnitInStock:int)
- **suppliers** (SupplierID:int, SupplierName:character varying(50))
- **examinationrecords** (ExaminationID:int, MedicineID:int,ExaminationDate:date)
- **examinations** (ExaminationID:int, PatientID:int,ExaminationDate:date,Complains:character varying(100))
- **patientcategories** (PatientCategoryID:int, PatientCategoryName:character varying(40))
- **patientrecords** (PatientID:int, PatientName:character varying(50),PetOwnerName:character varying(50),DischargedDate:date)

4-)Varlık Bağıntı Diyagramı


Examinations
PK ExaminationID
FK PatientID
FK MedicineID
FK VeterinerianID
Complains
Yapar
ExaminationRecords
PK,FK ExaminationID
PK,FK MedicineID
ExaminationDate
PatientRecords
PK,FK PatientID
FK PetOwnerID
DischargedDate
PatientCategories
PK PatientCategoryID
PatientCategoryName
PatientRecords
PK,FK PateintID
PatientName
PetOwnerName
PetOwnerTelNo
PetOwnerAdress
Sahiptir
Suppliers
PK SupplierID
FK SupplierName
Tedarik Eder
Medicines
PK MedicineID
FK SupplierID
MedicineName
MedicineUsageDuration
SideEffects
UnitInStock
Patients
PK PatientID
FK PatientCategoryID
FK VeterinerianID
FK PetOwnerID
FK DiagnosisID
FK PatientRoomId
PatientName
PatientAge
Sahiptir
Sorumludur
Sahiptir
PetOwners
PK PetOwnerID
PetOwnerIdentity
PetOwnerName
PetOwnerTelNo
PetOwnerAdress
Sahiptir
Diagnosis
PK DiagnosisID
FK RiskSituationID
DiagnosisName
Sahiptir
RiskSituations
PK RiskSituationID
RiskSituationName
Kalir
PatientRooms
PK RoomID
FK CleanerID
Temizler
Cleaners
PK CleanerID
CleanerName
CleanerSurname
CleanerAge
MedicalTools
PK ToolID
ToolName
MedicalToolNumber
ToolPrice
Veterinerians
PK VeterinerianID
FK PatientID
FK VeterinerianSpecializityID
VeterinerianName
VeterinerianAge
İlgilenir
Sahiptir
VeterinarianSpecializities
PK SpecializityID
SpecialityName

5)Veritabanını oluşturmayı sağlayan sql ifadeleri

```
--

-- PostgreSQL database dump

--


-- Dumped from database version 11.13

-- Dumped by pg_dump version 11.13


-- Started on 2021-12-17 14:53:13


SET statement_timeout = 0;

SET lock_timeout = 0;

SET idle_in_transaction_session_timeout = 0;

SET client_encoding = 'UTF8';

SET standard_conforming_strings = on;

SELECT pg_catalog.set_config('search_path', '', false);

SET check_function_bodies = false;

SET xmloption = content;

SET client_min_messages = warning;

SET row_security = off;


--

-- TOC entry 242 (class 1255 OID 32863)

-- Name: getpatientbypatientid(integer); Type: FUNCTION; Schema: public; Owner: postgres

--
```

```
CREATE FUNCTION public.getpatientbypatientid(patid integer) RETURNS
TABLE(patientid integer, patientcategoryid integer, veterinerianid integer, petownerid
integer, diagnosisid integer, patientroomid integer, patientname character varying, patientage
integer)

    LANGUAGE plpgsql

    AS $$

begin

 return query

 select * from patients where "PatientID"=patid;



end;

$$;



ALTER FUNCTION public.getpatientbypatientid(patid integer) OWNER TO postgres;



--

-- TOC entry 229 (class 1255 OID 32860)

-- Name: getpatientdetails(); Type: FUNCTION; Schema: public; Owner: postgres

--



CREATE FUNCTION public.getpatientdetails() RETURNS TABLE(patientname character
varying, patientage integer, patientcategoryname character varying, petownername character
varying, petownersurname character varying, veterinerianname character varying,
veterineriansurname character varying)

    LANGUAGE plpgsql

    AS $$

Begin

        return query
```

```
        select
"PatientName","PatientAge","PatientCategoryName","PetOwnerName","PetOwnerSurname",
"VeterinerianName","DiagnosisName" from patients

inner join petowners

on  "patients"."PetOwnerID" = "petowners"."PetOwnerID"

inner join patientcategories

on "patients"."PatientCategoryID" = "patientcategories"."PatientCategoryID"

inner join veterinerians

on "patients"."VeterinerianID" = "veterinerians"."VeterinerianID"

inner join diagnoses

on "patients"."DiagnosisID" = "diagnoses"."DiagnosisID";


End;

$$;



ALTER FUNCTION public.getpatientdetails() OWNER TO postgres;


--

-- TOC entry 247 (class 1255 OID 32936)

-- Name: getpetownerbyid(integer); Type: FUNCTION; Schema: public; Owner: postgres

--


CREATE FUNCTION public.getpetownerbyid(ownerid integer) RETURNS
TABLE(petownerid integer, petowneridentityno character varying, petownername character
varying, petownersurname character varying, petownertelno character varying,
petowneradress character varying)

   LANGUAGE plpgsql

   AS $$
```

```
begin
	return query select * from petowners where "PetOwnerID"=ownerid;
end;
$$;


ALTER FUNCTION public.getpetownerbyid(ownerid integer) OWNER TO postgres;


--
-- TOC entry 228 (class 1255 OID 32918)
-- Name: listpatientdetails(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.listpatientdetails() RETURNS trigger
   LANGUAGE plpgsql
   AS $$
Begin
	new."PatientCategoryID"=LTRIM(new."PatientCategoryID");
	new."ExaminationID"=LTRIM(new."ExaminationID");
	new."VeterinerianID"=LTRIM(new."VeterinerianID");
	new."PetOwnerID"=LTRIM(new."PetOwnerID");
	new."DiagnosisID"=LTRIM(new."DiagnosisID");
	new."PatientRoomID"=LTRIM(new."PatientRoomID");
	new."PatientName"=LTRIM(new."PateintName");
	new."PatientAge"=LTRIM(new."PatientAge");
	return new;
```

```
End;
$$;


ALTER FUNCTION public.listpatientdetails() OWNER TO postgres;


--
-- TOC entry 243 (class 1255 OID 32907)
-- Name: patientsum(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.patientsum() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
update patientcount set "PatientCount"="PatientCount"+1;
return new;
end;
$$;


ALTER FUNCTION public.patientsum() OWNER TO postgres;


--
```

```
-- TOC entry 227 (class 1255 OID 32957)
-- Name: reducepatientnumbers(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.reducepatientnumbers() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
update patientcount set "PatientCount"="PatientCount"-1;
return new;
end;
$$;


ALTER FUNCTION public.reducepatientnumbers() OWNER TO postgres;


--
-- TOC entry 244 (class 1255 OID 32919)
-- Name: removespaceinpatientdetails(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.removespaceinpatientdetails() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
Begin
        new."PatientName"=LTRIM(new."PatientName");
```

```
        return new;




End;
$$;


ALTER FUNCTION public.removespaceinpatientdetails() OWNER TO postgres;


--
-- TOC entry 246 (class 1255 OID 32923)
-- Name: savedischargedpatients(); Type: FUNCTION; Schema: public; Owner: postgres
--


CREATE FUNCTION public.savedischargedpatients() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN




      INSERT INTO patientrecords("PatientID","PetOwnerID","DischargedDate")
      VALUES(OLD."PatientID", OLD."PetOwnerID",Current_date);
```

```
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.savedischargedpatients() OWNER TO postgres;


--
-- TOC entry 248 (class 1255 OID 32935)
-- Name: searchmedicaltool(character varying); Type: FUNCTION; Schema: public; Owner: postgres
--


CREATE FUNCTION public.searchmedicaltool(medicaltoolname character varying)
RETURNS TABLE(toolid integer, toolname character varying)
    LANGUAGE plpgsql
    AS $$
begin
return query select * from medicaltools where "ToolName" like medicaltoolname;


end;
$$;
```

```
ALTER FUNCTION public.searchmedicaltool(medicaltoolname character varying) OWNER
TO postgres;


--

-- TOC entry 245 (class 1255 OID 32925)

-- Name: upperpetownernameandsurname(); Type: FUNCTION; Schema: public; Owner:
postgres

--


CREATE FUNCTION public.upperpetownernameandsurname() RETURNS trigger

    LANGUAGE plpgsql

    AS $$

begin

        new."PetOwnerName"=upper(new."PetOwnerName");

        new."PetOwnerSurname"=upper(new."PetOwnerSurname");

        new."PetOwnerAdress"=upper(new."PetOwnerAdress");


return new;

end;

$$;



ALTER FUNCTION public.upperpetownernameandsurname() OWNER TO postgres;


SET default_tablespace = '';


SET default_with_oids = false;
```

```
--
-- TOC entry 204 (class 1259 OID 24677)
-- Name: cleaners; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.cleaners (
    "CleanerID" integer NOT NULL,
    "CleanerName" character varying(50) NOT NULL,
    "CleanerSurname" character varying(50) NOT NULL,
    "CleanerAge" integer NOT NULL
);


ALTER TABLE public.cleaners OWNER TO postgres;

--
-- TOC entry 210 (class 1259 OID 24789)
-- Name: cleaners_CleanerID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.cleaners ALTER COLUMN "CleanerID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."cleaners_CleanerID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
```

```
    CACHE 1
);



--
-- TOC entry 199 (class 1259 OID 24647)
-- Name: diagnoses; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.diagnoses (
    "DiagnosisID" integer NOT NULL,
    "RiskSituationID" integer NOT NULL,
    "DiagnosisName" character varying(50) NOT NULL
);



ALTER TABLE public.diagnoses OWNER TO postgres;

--
-- TOC entry 211 (class 1259 OID 24791)
-- Name: diagnosis_DiagnosisID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.diagnoses ALTER COLUMN "DiagnosisID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."diagnosis_DiagnosisID_seq"
    START WITH 1
```

```
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);



--
-- TOC entry 222 (class 1259 OID 32799)
-- Name: examinationRecords; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public."examinationRecords" (
    "ExaminationID" integer NOT NULL,
    "MedicineID" integer NOT NULL,
    "ExaminationDate" date NOT NULL
);



ALTER TABLE public."examinationRecords" OWNER TO postgres;

--
-- TOC entry 200 (class 1259 OID 24652)
-- Name: examinations; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.examinations (
```

```
    "ExaminationID" integer NOT NULL,
    "PatientID" integer NOT NULL,
    "ExaminationDate" date NOT NULL,
    "Complains" character varying(100) NOT NULL
);


ALTER TABLE public.examinations OWNER TO postgres;

--
-- TOC entry 212 (class 1259 OID 24793)
-- Name: examinations_ExaminationID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.examinations ALTER COLUMN "ExaminationID" ADD GENERATED ALWAYS AS IDENTITY (
    SEQUENCE NAME public."examinations_ExaminationID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);


--
-- TOC entry 208 (class 1259 OID 24782)
```

```
-- Name: medicaltools; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.medicaltools (
    "ToolID" integer NOT NULL,
    "ToolName" character varying(50) NOT NULL
);



ALTER TABLE public.medicaltools OWNER TO postgres;


--
-- TOC entry 209 (class 1259 OID 24787)
-- Name: medicaltools_ToolID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.medicaltools ALTER COLUMN "ToolID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."medicaltools_ToolID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);
```

```
--
-- TOC entry 201 (class 1259 OID 24657)
-- Name: medicines; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.medicines (
    "MedicineID" integer NOT NULL,
    "SupplierID" integer NOT NULL,
    "MedicineName" character varying(50) NOT NULL,
    "SideEffects" character varying(1000) NOT NULL,
    "UnitInStock" integer NOT NULL
);


ALTER TABLE public.medicines OWNER TO postgres;

--
-- TOC entry 213 (class 1259 OID 24795)
-- Name: medicines_MedicineID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.medicines ALTER COLUMN "MedicineID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."medicines_MedicineID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
```

```
    NO MAXVALUE
    CACHE 1
);



--
-- TOC entry 196 (class 1259 OID 24625)
-- Name: patients; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.patients (
    "PatientID" integer NOT NULL,
    "PatientCategoryID" integer NOT NULL,
    "VeterinerianID" integer NOT NULL,
    "PetOwnerID" integer NOT NULL,
    "DiagnosisID" integer NOT NULL,
    "PatientRoomID" integer NOT NULL,
    "PatientName" character varying(50) NOT NULL,
    "PatientAge" integer NOT NULL
);



ALTER TABLE public.patients OWNER TO postgres;

--
-- TOC entry 214 (class 1259 OID 24797)
-- Name: patient_PatientID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
```

```
--


ALTER TABLE public.patients ALTER COLUMN "PatientID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."patient_PatientID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);




--
-- TOC entry 197 (class 1259 OID 24630)
-- Name: patientcategories; Type: TABLE; Schema: public; Owner: postgres
--


CREATE TABLE public.patientcategories (
    "PatientCategoryID" integer NOT NULL,
    "PatientCategoryName" character varying(40) NOT NULL
);



ALTER TABLE public.patientcategories OWNER TO postgres;


--
```

```
-- TOC entry 215 (class 1259 OID 24799)
-- Name: patientcategories_PatientCategoryID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.patientcategories ALTER COLUMN "PatientCategoryID" ADD GENERATED ALWAYS AS IDENTITY (
    SEQUENCE NAME public."patientcategories_PatientCategoryID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);



--
-- TOC entry 224 (class 1259 OID 32902)
-- Name: patientcount; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.patientcount (
    "PatientCount" integer NOT NULL
);



ALTER TABLE public.patientcount OWNER TO postgres;
```

```
--
-- TOC entry 198 (class 1259 OID 24635)
-- Name: petowners; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.petowners (
    "PetOwnerID" integer NOT NULL,
    "PetOwnerIdentityNo" character varying(11) NOT NULL,
    "PetOwnerName" character varying(30) NOT NULL,
    "PetOwnerSurname" character varying(30) NOT NULL,
    "PetOwnerTelNo" character varying(11) NOT NULL,
    "PetOwnerAdress" character varying(200) NOT NULL
);


ALTER TABLE public.petowners OWNER TO postgres;

--
-- TOC entry 205 (class 1259 OID 24682)
-- Name: veterinerians; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.veterinerians (
    "VeterinerianID" integer NOT NULL,
    "VeterinerianSpecializityID" integer NOT NULL,
    "VeterinerianAge" integer NOT NULL,
    "VeterinerianName" character varying NOT NULL
```

```
);


ALTER TABLE public.veterinerians OWNER TO postgres;


--
-- TOC entry 225 (class 1259 OID 32937)
-- Name: patientdto; Type: VIEW; Schema: public; Owner: postgres
--


CREATE VIEW public.patientdto AS
 SELECT patients."PatientID",
    patients."PatientName",
    patients."PatientAge",
    patientcategories."PatientCategoryName",
    diagnoses."DiagnosisName",
    veterinerians."VeterinerianName",
    petowners."PetOwnerName"
   FROM ((((public.patients
     JOIN public.veterinerians ON ((patients."VeterinerianID" =
veterinerians."VeterinerianID")))
     JOIN public.diagnoses ON ((patients."DiagnosisID" = diagnoses."DiagnosisID")))
     JOIN public.petowners ON ((patients."PetOwnerID" = petowners."PetOwnerID")))
    JOIN public.patientcategories ON ((patients."PatientCategoryID" =
patientcategories."PatientCategoryID")));


ALTER TABLE public.patientdto OWNER TO postgres;
```

```
--
-- TOC entry 223 (class 1259 OID 32872)
-- Name: patientrecords; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.patientrecords (
    "PatientID" integer NOT NULL,
    "PetOwnerID" integer NOT NULL,
    "DischargedDate" date NOT NULL
);


ALTER TABLE public.patientrecords OWNER TO postgres;

--
-- TOC entry 226 (class 1259 OID 32952)
-- Name: patientrecordsdto; Type: VIEW; Schema: public; Owner: postgres
--

CREATE VIEW public.patientrecordsdto AS
 SELECT patientrecords."PatientID",
    petowners."PetOwnerIdentityNo",
    petowners."PetOwnerName",
    petowners."PetOwnerSurname" AS "PetOwnerTelNo",
    petowners."PetOwnerAdress"
   FROM (public.patientrecords
```

```
    JOIN public.petowners ON ((patientrecords."PetOwnerID" = petowners."PetOwnerID")));


ALTER TABLE public.patientrecordsdto OWNER TO postgres;

--
-- TOC entry 203 (class 1259 OID 24672)
-- Name: patientrooms; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.patientrooms (
    "RoomID" integer NOT NULL,
    "CleanerID" integer NOT NULL,
    "RoomNumber" integer NOT NULL
);


ALTER TABLE public.patientrooms OWNER TO postgres;

--
-- TOC entry 216 (class 1259 OID 24801)
-- Name: patientrooms_RoomID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.patientrooms ALTER COLUMN "RoomID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."patientrooms_RoomID_seq"
```

```
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);



--
-- TOC entry 217 (class 1259 OID 24805)
-- Name: petowner_PetOwnerID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.petowners ALTER COLUMN "PetOwnerID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."petowner_PetOwnerID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);



--
-- TOC entry 207 (class 1259 OID 24702)
-- Name: risksituations; Type: TABLE; Schema: public; Owner: postgres
```

```
--


CREATE TABLE public.risksituations (
    "RiskSituationID" integer NOT NULL,
    "RiskSituationName" character varying(30) NOT NULL
);



ALTER TABLE public.risksituations OWNER TO postgres;


--
-- TOC entry 218 (class 1259 OID 24807)
-- Name: risksituations_RiskSituationID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--


ALTER TABLE public.risksituations ALTER COLUMN "RiskSituationID" ADD GENERATED ALWAYS AS IDENTITY (
    SEQUENCE NAME public."risksituations_RiskSituationID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);



--
```

```
-- TOC entry 202 (class 1259 OID 24662)
-- Name: suppliers; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.suppliers (
    "SupplierID" integer NOT NULL,
    "SupplierName" character varying(50) NOT NULL
);


ALTER TABLE public.suppliers OWNER TO postgres;

--
-- TOC entry 219 (class 1259 OID 24809)
-- Name: suppliers_SupplierID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

ALTER TABLE public.suppliers ALTER COLUMN "SupplierID" ADD GENERATED
ALWAYS AS IDENTITY (
    SEQUENCE NAME public."suppliers_SupplierID_seq"
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1
);
```

```
--

-- TOC entry 220 (class 1259 OID 24813)

-- Name: veterinerians_VeterinerianID_seq; Type: SEQUENCE; Schema: public; Owner: postgres

--


ALTER TABLE public.veterinerians ALTER COLUMN "VeterinerianID" ADD GENERATED ALWAYS AS IDENTITY (

    SEQUENCE NAME public."veterinerians_VeterinerianID_seq"

    START WITH 1

    INCREMENT BY 1

    NO MINVALUE

    NO MAXVALUE

    CACHE 1

);




--

-- TOC entry 206 (class 1259 OID 24687)

-- Name: veterinerianspecializities; Type: TABLE; Schema: public; Owner: postgres

--


CREATE TABLE public.veterinerianspecializities (

    "SpecializityID" integer NOT NULL,

    "SpecializityName" character varying(50) NOT NULL

);
```

```
ALTER TABLE public.veterinerianspecializities OWNER TO postgres;


--

-- TOC entry 221 (class 1259 OID 24815)

-- Name: veterinerianspecializities_SpecializityID_seq; Type: SEQUENCE; Schema: public; Owner: postgres

--


ALTER TABLE public.veterinerianspecializities ALTER COLUMN "SpecializityID" ADD GENERATED ALWAYS AS IDENTITY (

    SEQUENCE NAME public."veterinerianspecializities_SpecializityID_seq"

    START WITH 1

    INCREMENT BY 1

    NO MINVALUE

    NO MAXVALUE

    CACHE 1

);




--

-- TOC entry 2971 (class 0 OID 24677)

-- Dependencies: 204

-- Data for Name: cleaners; Type: TABLE DATA; Schema: public; Owner: postgres

--


INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (1, 'Beytullah', 'Yayla
```

', 19);

INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (2, 'İrem', 'Yayla', 18);

INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (3, 'Yerda', 'Yağmur', 35);

INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (4, 'Feride', 'Yayla

', 65);

INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (5, 'Cavit', 'Yayla', 45);

INSERT INTO public.cleaners ("CleanerID", "CleanerName", "CleanerSurname", "CleanerAge") OVERRIDING SYSTEM VALUE VALUES (6, 'Vedat ', 'Yayla', 50);

--

-- TOC entry 2966 (class 0 OID 24647)

-- Dependencies: 199

-- Data for Name: diagnoses; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (1, 3, 'Cancer');

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (2, 2, 'Diabetes');

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (4, 3, 'Heartworm');

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (5, 1, 'Kennel Cough');

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (6, 3, 'Parvovirus');

INSERT INTO public.diagnoses ("DiagnosisID", "RiskSituationID", "DiagnosisName") OVERRIDING SYSTEM VALUE VALUES (7, 3, 'Ringworm');

--

-- TOC entry 2989 (class 0 OID 32799)

-- Dependencies: 222

-- Data for Name: examinationRecords; Type: TABLE DATA; Schema: public; Owner: postgres

--

--

-- TOC entry 2967 (class 0 OID 24652)

-- Dependencies: 200

-- Data for Name: examinations; Type: TABLE DATA; Schema: public; Owner: postgres

--

--

-- TOC entry 2975 (class 0 OID 24782)

-- Dependencies: 208

-- Data for Name: medicaltools; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.medicaltools ("ToolID", "ToolName") OVERRIDING SYSTEM VALUE VALUES (1, 'Veterinerian Stethescope');

INSERT INTO public.medicaltools ("ToolID", "ToolName") OVERRIDING SYSTEM VALUE VALUES (17, 'Surgical Clamps');

INSERT INTO public.medicaltools ("ToolID", "ToolName") OVERRIDING SYSTEM VALUE VALUES (18, 'Saws');

INSERT INTO public.medicaltools ("ToolID", "ToolName") OVERRIDING SYSTEM VALUE VALUES (19, 'Catheter');

INSERT INTO public.medicaltools ("ToolID", "ToolName") OVERRIDING SYSTEM VALUE VALUES (20, 'Electric Razor');

--

-- TOC entry 2968 (class 0 OID 24657)

-- Dependencies: 201

-- Data for Name: medicines; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.medicines ("MedicineID", "SupplierID", "MedicineName", "SideEffects", "UnitInStock") OVERRIDING SYSTEM VALUE VALUES (3, 1, 'Acepromazine', 'The most common and important side effect of acepromazine use is low blood pressure, and in severe cases, it can cause cardiovascular collapse. In cats, it can also decrease tear production. Occasionally, aggressiveness and hyperactivity can occur, and when given in the muscle, this medication can cause temporary pain at the injection site. This drug may also cause the urine to become mildly discolored pinkish to red-brown, but is not concerning and will resolve.', 100);

INSERT INTO public.medicines ("MedicineID", "SupplierID", "MedicineName", "SideEffects", "UnitInStock") OVERRIDING SYSTEM VALUE VALUES (4, 1, 'Albendazole ', 'Albendazole can have teratogenic effects, particularly in cattle and sheep and shall not be administered to pregnant animals.

In pregnant bitches, albendazole treatment can cause reduced weight of puppies at birth and palatoschisis (cleft palate).

In birds albendazole treatment can reduce de laying performance and egg hatching.

Albendazole should not be administered to animals suffering from hepatic disorders.

Never use tablets (or suspensions, pastes, etc.) for dogs in cats, or tablets for large dogs in small dogs. It happens that some users want to save money buying large tablets for treating smaller dogs (or even cats!) twice or more times. The risk of overdosing is considerable, either due to erroneous calculations or to unskilled manipulation. In addition, dog medicines may sometimes contain ingredients that are toxic to cats.', 200);

INSERT INTO public.medicines ("MedicineID", "SupplierID", "MedicineName", "SideEffects", "UnitInStock") OVERRIDING SYSTEM VALUE VALUES (8, 1, 'Alparanzol2', 'Yan Etki', 300);

INSERT INTO public.medicines ("MedicineID", "SupplierID", "MedicineName", "SideEffects", "UnitInStock") OVERRIDING SYSTEM VALUE VALUES (9, 1, 'Alparanzol4', 'Yan Etki', 275);

--

-- TOC entry 2964 (class 0 OID 24630)

-- Dependencies: 197

-- Data for Name: patientcategories; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.patientcategories ("PatientCategoryID", "PatientCategoryName") OVERRIDING SYSTEM VALUE VALUES (1, 'Exotic');

INSERT INTO public.patientcategories ("PatientCategoryID", "PatientCategoryName") OVERRIDING SYSTEM VALUE VALUES (2, 'Cattle');

INSERT INTO public.patientcategories ("PatientCategoryID", "PatientCategoryName") OVERRIDING SYSTEM VALUE VALUES (3, 'Sheep And Goats');

INSERT INTO public.patientcategories ("PatientCategoryID", "PatientCategoryName") OVERRIDING SYSTEM VALUE VALUES (4, 'Cat');

INSERT INTO public.patientcategories ("PatientCategoryID", "PatientCategoryName") OVERRIDING SYSTEM VALUE VALUES (5, 'Dog');

--

-- TOC entry 2991 (class 0 OID 32902)

-- Dependencies: 224

-- Data for Name: patientcount; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.patientcount ("PatientCount") VALUES (4);

--

-- TOC entry 2990 (class 0 OID 32872)

-- Dependencies: 223

-- Data for Name: patientrecords; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.patientrecords ("PatientID", "PetOwnerID", "DischargedDate") OVERRIDING SYSTEM VALUE VALUES (17, 5, '2021-12-15');

INSERT INTO public.patientrecords ("PatientID", "PetOwnerID", "DischargedDate") OVERRIDING SYSTEM VALUE VALUES (12, 3, '2021-12-17');

--

-- TOC entry 2970 (class 0 OID 24672)

-- Dependencies: 203

-- Data for Name: patientrooms; Type: TABLE DATA; Schema: public; Owner: postgres

--

```
INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (1, 1, 300);

INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (2, 2, 301);

INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (3, 3, 302);

INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (4, 4, 303);

INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (5, 5, 304);

INSERT INTO public.patientrooms ("RoomID", "CleanerID", "RoomNumber")
OVERRIDING SYSTEM VALUE VALUES (6, 6, 305);




--

-- TOC entry 2963 (class 0 OID 24625)

-- Dependencies: 196

-- Data for Name: patients; Type: TABLE DATA; Schema: public; Owner: postgres

--


INSERT INTO public.patients ("PatientID", "PatientCategoryID", "VeterinerianID",
"PetOwnerID", "DiagnosisID", "PatientRoomID", "PatientName", "PatientAge")
OVERRIDING SYSTEM VALUE VALUES (11, 4, 1, 2, 4, 3, 'Felix', 7);

INSERT INTO public.patients ("PatientID", "PatientCategoryID", "VeterinerianID",
"PetOwnerID", "DiagnosisID", "PatientRoomID", "PatientName", "PatientAge")
OVERRIDING SYSTEM VALUE VALUES (14, 5, 2, 4, 5, 4, 'Ciko', 11);




--

-- TOC entry 2965 (class 0 OID 24635)

-- Dependencies: 198
```

-- Data for Name: petowners; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (1, '44089312708', 'Cem

', 'Yayla', '05303411354', 'Neviye Mahallesi Camili Sokak No:13');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (2, '11598012907', 'İlaydanur', 'Yayla', '05384901154', 'Arifiye Sakarya');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (3, '44835155908', 'Cemile', 'Kaya', '05673451243', 'Kocaeli Izmit');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (4, '12345678910', 'Ecren', 'Yayla

', '05781231234', 'Tokat Şamyeli');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (5, '98765432109', 'Erdenay', 'Çubukçu', '05467899056', 'Bilecik Söğüt');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (6, '45674567111', 'AYŞE', 'AKıNCı', '05789876545', 'ARIFIYE SAKARYA');

INSERT INTO public.petowners ("PetOwnerID", "PetOwnerIdentityNo", "PetOwnerName", "PetOwnerSurname", "PetOwnerTelNo", "PetOwnerAdress") OVERRIDING SYSTEM VALUE VALUES (7, '45678912312', 'TULAY', 'HOCAOGLU', '05678679085', 'ANKARA CADDESI,SAKARYA');

--

-- TOC entry 2974 (class 0 OID 24702)

-- Dependencies: 207

-- Data for Name: risksituations; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.risksituations ("RiskSituationID", "RiskSituationName") OVERRIDING SYSTEM VALUE VALUES (1, 'Low Risky');

INSERT INTO public.risksituations ("RiskSituationID", "RiskSituationName") OVERRIDING SYSTEM VALUE VALUES (2, 'Risky');

INSERT INTO public.risksituations ("RiskSituationID", "RiskSituationName") OVERRIDING SYSTEM VALUE VALUES (3, 'Very Risky');

--

-- TOC entry 2969 (class 0 OID 24662)

-- Dependencies: 202

-- Data for Name: suppliers; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.suppliers ("SupplierID", "SupplierName") OVERRIDING SYSTEM VALUE VALUES (1, 'Galenka');

INSERT INTO public.suppliers ("SupplierID", "SupplierName") OVERRIDING SYSTEM VALUE VALUES (2, 'PoulCheck');

INSERT INTO public.suppliers ("SupplierID", "SupplierName") OVERRIDING SYSTEM VALUE VALUES (3, 'DEN-GE');

--

-- TOC entry 2972 (class 0 OID 24682)

-- Dependencies: 205

-- Data for Name: veterinerians; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.veterinerians ("VeterinerianID", "VeterinerianSpecializityID", "VeterinerianAge", "VeterinerianName") OVERRIDING SYSTEM VALUE VALUES (1, 2, 39, 'Mustafa Çavuş');

INSERT INTO public.veterinerians ("VeterinerianID", "VeterinerianSpecializityID", "VeterinerianAge", "VeterinerianName") OVERRIDING SYSTEM VALUE VALUES (2, 5, 42, 'Tuğba Hocaoğlu');

INSERT INTO public.veterinerians ("VeterinerianID", "VeterinerianSpecializityID", "VeterinerianAge", "VeterinerianName") OVERRIDING SYSTEM VALUE VALUES (3, 1, 23, 'Rahim Yayla');

INSERT INTO public.veterinerians ("VeterinerianID", "VeterinerianSpecializityID", "VeterinerianAge", "VeterinerianName") OVERRIDING SYSTEM VALUE VALUES (4, 2, 45, 'Harun Tekin');

--

-- TOC entry 2973 (class 0 OID 24687)

-- Dependencies: 206

-- Data for Name: veterinerianspecializities; Type: TABLE DATA; Schema: public; Owner: postgres

--

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName") OVERRIDING SYSTEM VALUE VALUES (1, 'Anesthesia and analgesia

');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName") OVERRIDING SYSTEM VALUE VALUES (2, 'Animal Welfare

');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName") OVERRIDING SYSTEM VALUE VALUES (3, 'Behavioral Medicine');

```
INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (4, 'Clinical Pharmacology');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (5, 'Dermatology

');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (6, 'OPHTHALMOLOGY');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (7, 'PATHOLOGY



');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (8, 'RADIOLOGY');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (9, 'SURGERY');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (10, 'TOXICOLOGY');

INSERT INTO public.veterinerianspecializities ("SpecializityID", "SpecializityName")
OVERRIDING SYSTEM VALUE VALUES (11, 'ZOOLOGICAL MEDICINE');




--

-- TOC entry 2997 (class 0 OID 0)

-- Dependencies: 210

-- Name: cleaners_CleanerID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--


SELECT pg_catalog.setval('public."cleaners_CleanerID_seq"', 6, true);
```

--

-- TOC entry 2998 (class 0 OID 0)

-- Dependencies: 211

-- Name: diagnosis_DiagnosisID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."diagnosis_DiagnosisID_seq"', 7, true);

--

-- TOC entry 2999 (class 0 OID 0)

-- Dependencies: 212

-- Name: examinations_ExaminationID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."examinations_ExaminationID_seq"', 1, false);

--

-- TOC entry 3000 (class 0 OID 0)

-- Dependencies: 209

-- Name: medicaltools_ToolID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."medicaltools_ToolID_seq"', 24, true);

--

-- TOC entry 3001 (class 0 OID 0)

-- Dependencies: 213

-- Name: medicines_MedicineID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."medicines_MedicineID_seq"', 9, true);

--

-- TOC entry 3002 (class 0 OID 0)

-- Dependencies: 214

-- Name: patient_PatientID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."patient_PatientID_seq"', 17, true);

--

-- TOC entry 3003 (class 0 OID 0)

-- Dependencies: 215

-- Name: patientcategories_PatientCategoryID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."patientcategories_PatientCategoryID_seq"', 5, true);

--

-- TOC entry 3004 (class 0 OID 0)

-- Dependencies: 216

-- Name: patientrooms_RoomID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."patientrooms_RoomID_seq"', 6, true);

--

-- TOC entry 3005 (class 0 OID 0)

-- Dependencies: 217

-- Name: petowner_PetOwnerID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."petowner_PetOwnerID_seq"', 7, true);

--

-- TOC entry 3006 (class 0 OID 0)

-- Dependencies: 218

-- Name: risksituations_RiskSituationID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."risksituations_RiskSituationID_seq"', 3, true);

--

-- TOC entry 3007 (class 0 OID 0)

-- Dependencies: 219

-- Name: suppliers_SupplierID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."suppliers_SupplierID_seq"', 3, true);

--

-- TOC entry 3008 (class 0 OID 0)

-- Dependencies: 220

-- Name: veterinerians_VeterinerianID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."veterinerians_VeterinerianID_seq"', 4, true);

--

-- TOC entry 3009 (class 0 OID 0)

-- Dependencies: 221

-- Name: veterinerianspecializities_SpecializityID_seq; Type: SEQUENCE SET; Schema: public; Owner: postgres

--

SELECT pg_catalog.setval('public."veterinerianspecializities_SpecializityID_seq"', 11, true);

--

-- TOC entry 2808 (class 2606 OID 24681)

-- Name: cleaners CleanersPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.cleaners

    ADD CONSTRAINT "CleanersPk" PRIMARY KEY ("CleanerID");

--

-- TOC entry 2798 (class 2606 OID 24651)

-- Name: diagnoses DiagnosisPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.diagnoses

    ADD CONSTRAINT "DiagnosisPk" PRIMARY KEY ("DiagnosisID");

--

-- TOC entry 2800 (class 2606 OID 24656)

-- Name: examinations ExaminationsPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.examinations

    ADD CONSTRAINT "ExaminationsPk" PRIMARY KEY ("ExaminationID");

--

-- TOC entry 2816 (class 2606 OID 24786)

-- Name: medicaltools MedicalToolsPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.medicaltools

    ADD CONSTRAINT "MedicalToolsPk" PRIMARY KEY ("ToolID");

--

-- TOC entry 2802 (class 2606 OID 24661)

-- Name: medicines MedicinesPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.medicines

    ADD CONSTRAINT "MedicinesPk" PRIMARY KEY ("MedicineID");

--

```
-- TOC entry 2792 (class 2606 OID 24634)
-- Name: patientcategories PatientCategoryPk; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.patientcategories
    ADD CONSTRAINT "PatientCategoryPk" PRIMARY KEY ("PatientCategoryID");


--
-- TOC entry 2822 (class 2606 OID 32906)
-- Name: patientcount PatientCount_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.patientcount
    ADD CONSTRAINT "PatientCount_pkey" PRIMARY KEY ("PatientCount");


--
-- TOC entry 2790 (class 2606 OID 24629)
-- Name: patients PatientsPk; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.patients
    ADD CONSTRAINT "PatientsPk" PRIMARY KEY ("PatientID");
```

--

-- TOC entry 2806 (class 2606 OID 24676)

-- Name: patientrooms PatientsRoomPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patientrooms

    ADD CONSTRAINT "PatientsRoomPk" PRIMARY KEY ("RoomID");

--

-- TOC entry 2794 (class 2606 OID 24639)

-- Name: petowners PetOwnerPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.petowners

    ADD CONSTRAINT "PetOwnerPk" PRIMARY KEY ("PetOwnerID");

--

-- TOC entry 2796 (class 2606 OID 24641)

-- Name: petowners PetOwnerUnique; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.petowners

    ADD CONSTRAINT "PetOwnerUnique" UNIQUE ("PetOwnerIdentityNo");

--

-- TOC entry 2814 (class 2606 OID 24706)

-- Name: risksituations RiskSituationsPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.risksituations

    ADD CONSTRAINT "RiskSituationsPk" PRIMARY KEY ("RiskSituationID");

--

-- TOC entry 2812 (class 2606 OID 24691)

-- Name: veterinerianspecializities SpecializityPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.veterinerianspecializities

    ADD CONSTRAINT "SpecializityPk" PRIMARY KEY ("SpecializityID");

--

-- TOC entry 2804 (class 2606 OID 24666)

-- Name: suppliers SuppliersPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.suppliers

    ADD CONSTRAINT "SuppliersPk" PRIMARY KEY ("SupplierID");

--

-- TOC entry 2810 (class 2606 OID 24686)

-- Name: veterinerians VeterineriansPk; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.veterinerians

    ADD CONSTRAINT "VeterineriansPk" PRIMARY KEY ("VeterinerianID");

--

-- TOC entry 2818 (class 2606 OID 32803)

-- Name: examinationRecords examinationRecords_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public."examinationRecords"

    ADD CONSTRAINT "examinationRecords_pkey" PRIMARY KEY ("MedicineID", "ExaminationID");

--

-- TOC entry 2820 (class 2606 OID 32922)

-- Name: patientrecords patientrecords_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

```
ALTER TABLE ONLY public.patientrecords
    ADD CONSTRAINT patientrecords_pkey PRIMARY KEY ("PatientID");


--
-- TOC entry 2835 (class 2620 OID 32956)
-- Name: patients patient_records_trig; Type: TRIGGER; Schema: public; Owner: postgres
--

CREATE TRIGGER patient_records_trig AFTER DELETE ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.savedischargedpatients();


--
-- TOC entry 2838 (class 2620 OID 32920)
-- Name: patients patientspaceremovetrigger; Type: TRIGGER; Schema: public; Owner: postgres
--

CREATE TRIGGER patientspaceremovetrigger BEFORE INSERT OR UPDATE ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.removespaceinpatientdetails();


--
-- TOC entry 2837 (class 2620 OID 32908)
-- Name: patients up_trig; Type: TRIGGER; Schema: public; Owner: postgres
--
```

CREATE TRIGGER up_trig AFTER INSERT ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.patientsum();

--

-- TOC entry 2839 (class 2620 OID 32926)

-- Name: petowners upperpetownerinfo; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER upperpetownerinfo BEFORE INSERT ON public.petowners FOR EACH ROW EXECUTE PROCEDURE public.upperpetownernameandsurname();

--

-- TOC entry 2836 (class 2620 OID 32958)

-- Name: patients whendeletefrompatients; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER whendeletefrompatients AFTER DELETE ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.reducepatientnumbers();

--

-- TOC entry 2824 (class 2606 OID 32835)

-- Name: patients DiagnosisFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patients

ADD CONSTRAINT "DiagnosisFk" FOREIGN KEY ("DiagnosisID") REFERENCES public.diagnoses("DiagnosisID") ON UPDATE SET DEFAULT ON DELETE SET DEFAULT NOT VALID;

--

-- TOC entry 2825 (class 2606 OID 32840)

-- Name: patients PatientCategoryFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patients

ADD CONSTRAINT "PatientCategoryFk" FOREIGN KEY ("PatientCategoryID") REFERENCES public.patientcategories("PatientCategoryID") ON UPDATE SET DEFAULT ON DELETE SET DEFAULT NOT VALID;

--

-- TOC entry 2829 (class 2606 OID 24717)

-- Name: examinations PatientFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.examinations

ADD CONSTRAINT "PatientFk" FOREIGN KEY ("PatientID") REFERENCES public.patients("PatientID") NOT VALID;

--

-- TOC entry 2826 (class 2606 OID 32845)

-- Name: patients PatientRoomFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patients

    ADD CONSTRAINT "PatientRoomFk" FOREIGN KEY ("PatientRoomID") REFERENCES public.patientrooms("RoomID") ON UPDATE SET DEFAULT ON DELETE SET DEFAULT NOT VALID;

--

-- TOC entry 2831 (class 2606 OID 24692)

-- Name: patientrooms PatientRoomsFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patientrooms

    ADD CONSTRAINT "PatientRoomsFk" FOREIGN KEY ("CleanerID") REFERENCES public.cleaners("CleanerID") NOT VALID;

--

-- TOC entry 2823 (class 2606 OID 32830)

-- Name: patients PetOwnerFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.patients

    ADD CONSTRAINT "PetOwnerFk" FOREIGN KEY ("PetOwnerID") REFERENCES public.petowners("PetOwnerID") ON UPDATE CASCADE ON DELETE CASCADE NOT VALID;

--

-- TOC entry 2828 (class 2606 OID 24707)

-- Name: diagnoses RiskSituationFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.diagnoses

    ADD CONSTRAINT "RiskSituationFk" FOREIGN KEY ("RiskSituationID") REFERENCES public.risksituations("RiskSituationID") NOT VALID;

--

-- TOC entry 2830 (class 2606 OID 24727)

-- Name: medicines SupplierFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.medicines

    ADD CONSTRAINT "SupplierFk" FOREIGN KEY ("SupplierID") REFERENCES public.suppliers("SupplierID") NOT VALID;

--

-- TOC entry 2827 (class 2606 OID 32850)

-- Name: patients VeterinerianFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

```
ALTER TABLE ONLY public.patients
    ADD CONSTRAINT "VeterinerianFk" FOREIGN KEY ("VeterinerianID") REFERENCES public.veterinerians("VeterinerianID") ON UPDATE SET DEFAULT ON DELETE SET DEFAULT NOT VALID;


--
-- TOC entry 2832 (class 2606 OID 24777)
-- Name: veterinerians VeterinerianSpecializityFk; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.veterinerians
    ADD CONSTRAINT "VeterinerianSpecializityFk" FOREIGN KEY ("VeterinerianID") REFERENCES public.veterinerianspecializities("SpecializityID") NOT VALID;


--
-- TOC entry 2834 (class 2606 OID 32809)
-- Name: examinationRecords fk_examinationRecodrs2; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public."examinationRecords"
    ADD CONSTRAINT "fk_examinationRecodrs2" FOREIGN KEY ("MedicineID") REFERENCES public.medicines("MedicineID") NOT VALID;


--
```

```
-- TOC entry 2833 (class 2606 OID 32804)

-- Name: examinationRecords fk_examinationRecords; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--


ALTER TABLE ONLY public."examinationRecords"

    ADD CONSTRAINT "fk_examinationRecords" FOREIGN KEY ("ExaminationID") REFERENCES public.examinations("ExaminationID") NOT VALID;




-- Completed on 2021-12-17 14:53:16


--

-- PostgreSQL database dump complete

--
```

6-)Tetikleyiciler

- **patient_records_trig:**Bu trigger patients tablosundan bir kayıt silindiğinde silinen kaydın patientrecords adlı tabloya kaydedilmesini sağlar.Böylece silinen hasta kayıtlarına ihtiyacımız olduğunda tekrar ulaşabiliriz.

```
CREATE FUNCTION public.savedischargedpatients() RETURNS trigger

    LANGUAGE plpgsql

    AS $$

BEGIN

      INSERT INTO patientrecords("PatientID","PetOwnerID","DischargedDate")

       VALUES(OLD."PatientID", OLD."PetOwnerID",Current_date);

RETURN NEW;

END;
```

$$;

CREATE TRIGGER patient_records_trig AFTER DELETE ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.savedischargedpatients();

- **up_trig:**Bu trigger patients adlı tabloya bir hasta eklendiğinde patientCounts adlı tabloya gidip hasta sayısını bir artırır.

  ```
  CREATE FUNCTION public.patientsum() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
  begin
  update patientcount set "PatientCount"="PatientCount"+1;
  return new;
  end;
  $$;
  ```

  CREATE TRIGGER up_trig AFTER INSERT ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.patientsum();

- **patientspaceremovetrigger:**Bu trigger boşluklı girilen değerdeki boşlukları atar.Böylelikle gereksiz yer kaplanmamış olur.

  ```
  CREATE FUNCTION public.removespaceinpatientdetails() RETURNS trigger
    LANGUAGE plpgsql
    AS $$

        Begin

        new."PatientName"=LTRIM(new."PatientName");

        return new;

  End;
  $$;
  ```

  CREATE TRIGGER patientspaceremovetrigger BEFORE INSERT OR UPDATE ON public.patients FOR EACH ROW EXECUTE PROCEDURE public.removespaceinpatientdetails();

- **whendeletefrompatients:**Hasta kayıtlarından silme işlemi yapıldığında hasta sayısını bir azaltır.

```
CREATE FUNCTION public.reducepatientnumbers() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
update patientcount set "PatientCount"="PatientCount"-1;
return new;
end;
$$;


CREATE TRIGGER whendeletefrompatients AFTER DELETE ON public.patients
FOR EACH ROW EXECUTE PROCEDURE public.reducepatientnumbers();
```

- **upperpetownerinfo:**Hasta yakınının girilen ad,soyad,adres bilgilerinin hepsini büyük harfe çevirir.

```
CREATE FUNCTION public.upperpetownernameandsurname() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
        new."PetOwnerName"=upper(new."PetOwnerName");
        new."PetOwnerSurname"=upper(new."PetOwnerSurname");
        new."PetOwnerAdress"=upper(new."PetOwnerAdress");

return new;
end;
$$;


CREATE TRIGGER upperpetownerinfo BEFORE INSERT ON public.petowners
FOR EACH ROW EXECUTE PROCEDURE
public.upperpetownernameandsurname();
```

7-)Fonskiyonlar/Saklı Yordam

- **getPatientByPatientId(patid integer):**Hastaları id'sine göre getirmemizi sağlar.

```
CREATE FUNCTION public.getpatientbypatientid(patid integer) RETURNS
TABLE(patientid integer, patientcategoryid integer, veterinerianid integer, petownerid
integer, diagnosisid integer, patientroomid integer, patientname character varying,
patientage integer)
    LANGUAGE plpgsql
    AS $$
begin
 return query
```

```
 select * from patients where "PatientID"=patid;

end;
$$;
```

- **getPatientDetails():**Hastaları join eder ve oluşan tabloyu getirir.

```
CREATE FUNCTION public.getpatientdetails() RETURNS TABLE(patientname
character varying, patientage integer, patientcategoryname character varying,
petownername character varying, petownersurname character varying,
veterinerianname character varying, veterineriansurname character varying)
   LANGUAGE plpgsql
   AS $$
Begin
        return query
        select
"PatientName","PatientAge","PatientCategoryName","PetOwnerName","PetOwnerSu
rname","VeterinerianName","DiagnosisName" from patients
inner join petowners
on  "patients"."PetOwnerID" = "petowners"."PetOwnerID"
inner join patientcategories
on "patients"."PatientCategoryID" = "patientcategories"."PatientCategoryID"
inner join veterinerians
on "patients"."VeterinerianID" = "veterinerians"."VeterinerianID"
inner join diagnoses
on "patients"."DiagnosisID" = "diagnoses"."DiagnosisID";

End;
$$;
```

- **getPetOwnerById():**Hayvan sahiplerini idsine göre çağırmamızı sağlar.

```
CREATE FUNCTION public.getpetownerbyid(ownerid integer) RETURNS
TABLE(petownerid integer, petowneridentityno character varying, petownername
character varying, petownersurname character varying, petownertelno character varying,
petowneradress character varying)
  LANGUAGE plpgsql
    AS $$
   begin
   return query select * from petowners where "PetOwnerID"=ownerid;
```

end;

$$;

- **searchmedicaltool():**Tıbbi bir cihazı ismine göre aramamızı sağlar ve veriyi döndürür.

CREATE FUNCTION public.searchmedicaltool(medicaltoolname character varying)
RETURNS TABLE(toolid integer, toolname character varying)

LANGUAGE plpgsql

AS $$

begin

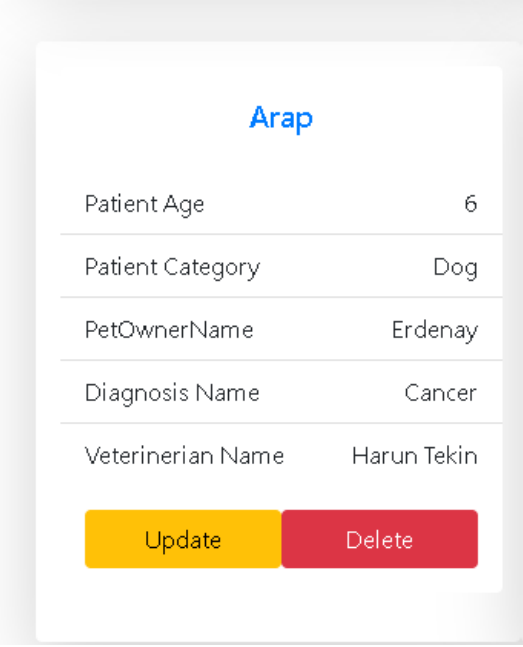
return query select * from medicaltools where "ToolName" like medicaltoolname;

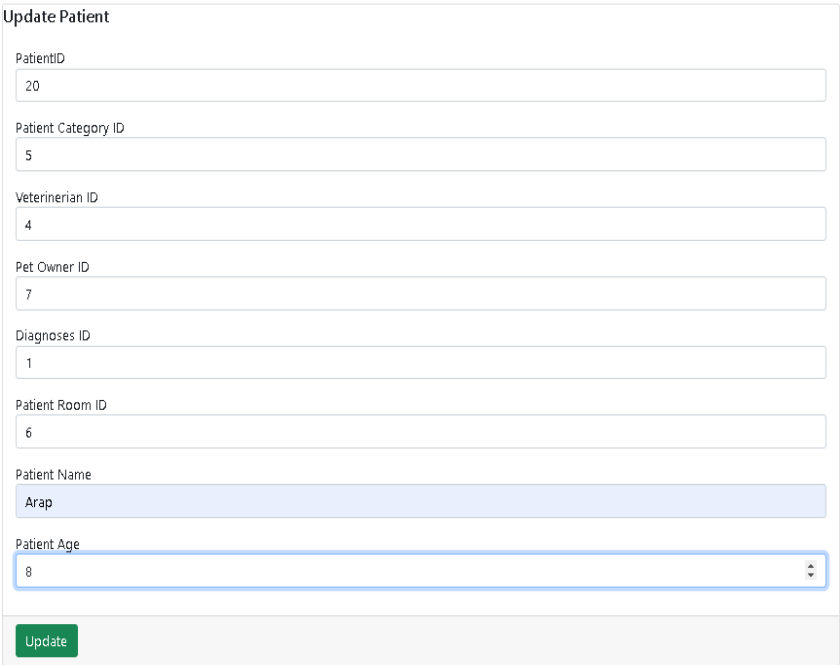
end;

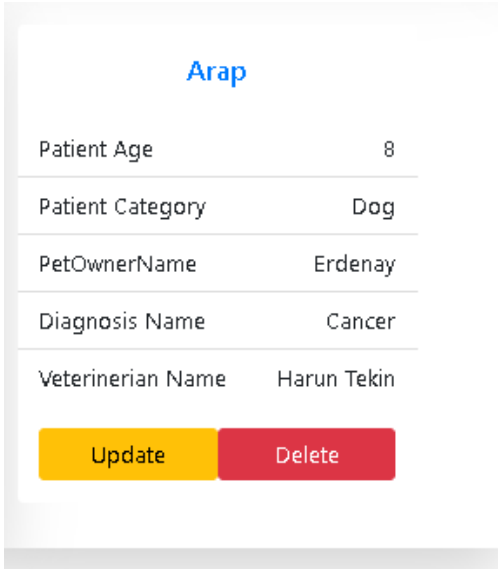
$$;

8-)Arama,ekleme,silme ve güncelleme işlemlerine ait ekran görüntüleri

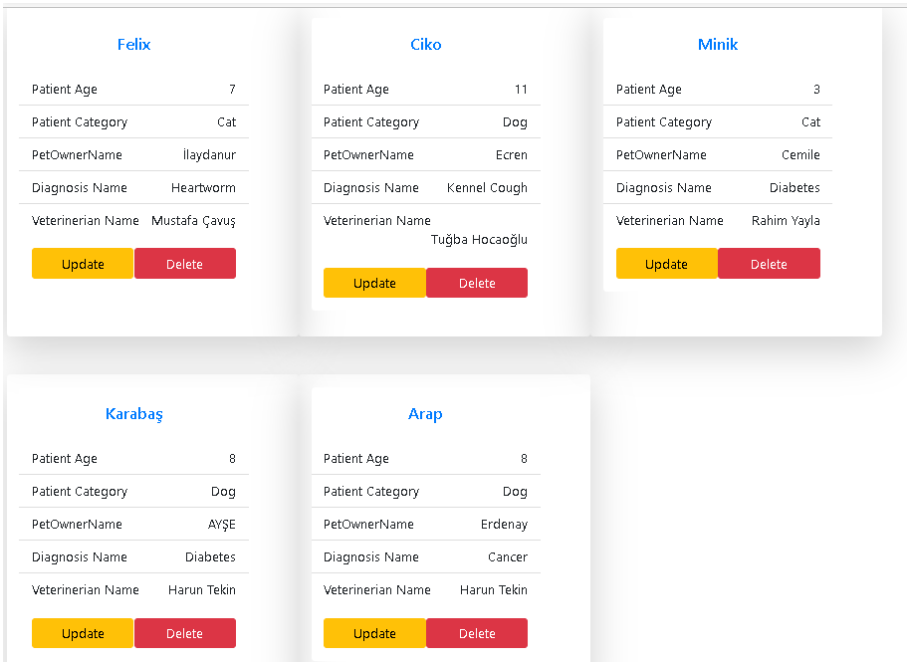
Güncelleme:

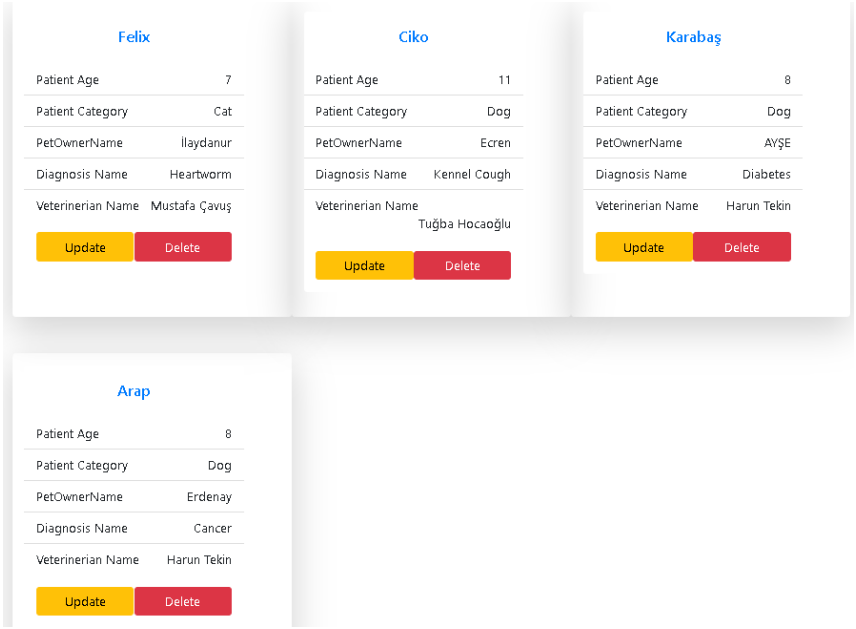




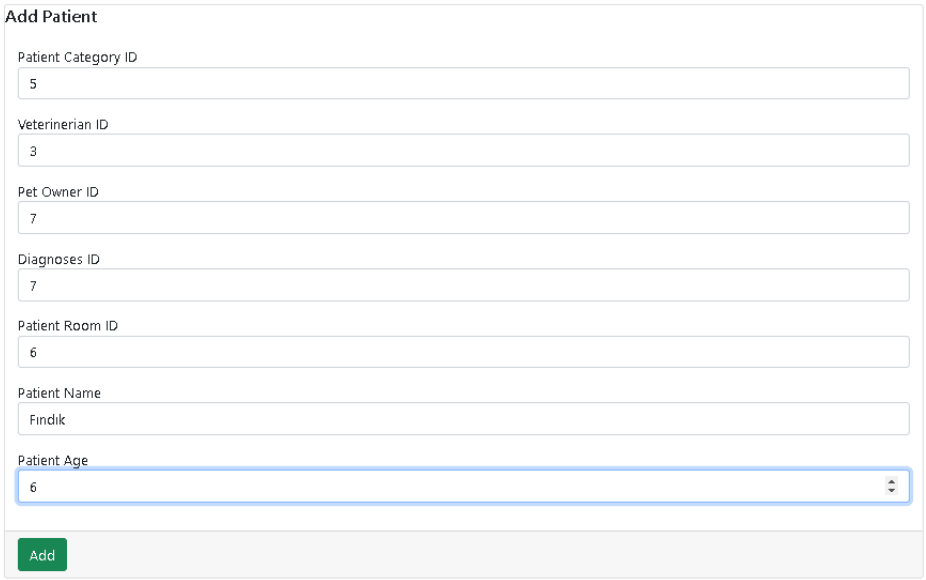

Arap
Patient Age 8
Patient Category Dog
PetOwnerName Erdenay
Diagnosis Name Cancer
Veterinerian Name Harun Tekin
Update
Delete

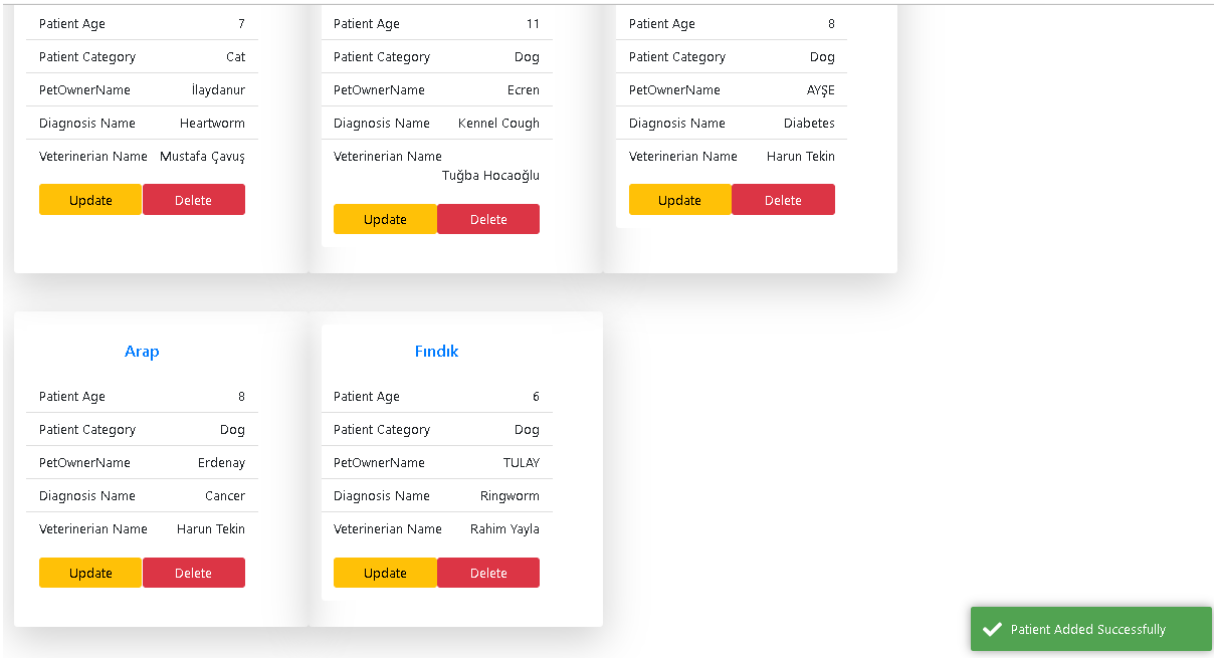
Silme:


Felix
Patient Age 7
Patient Category Cat
PetOwnerName İlaydanur
Diagnosis Name Heartworm
Veterinerian Name Mustafa Çavuş
Update
Delete
Ciko
Patient Age 11
Patient Category Dog
PetOwnerName Ecren
Diagnosis Name Kennel Cough
Veterinerian Name Tuğba Hocaoğlu
Update
Delete
Minik
Patient Age 3
Patient Category Cat
PetOwnerName Cemile
Diagnosis Name Diabetes
Veterinerian Name Rahim Yayla
Update
Delete
Karabaş
Patient Age 8
Patient Category Dog
PetOwnerName AYŞE
Diagnosis Name Diabetes
Veterinerian Name Harun Tekin
Update
Delete
Arap
Patient Age 8
Patient Category Dog
PetOwnerName Erdenay
Diagnosis Name Cancer
Veterinerian Name Harun Tekin
Update
Delete

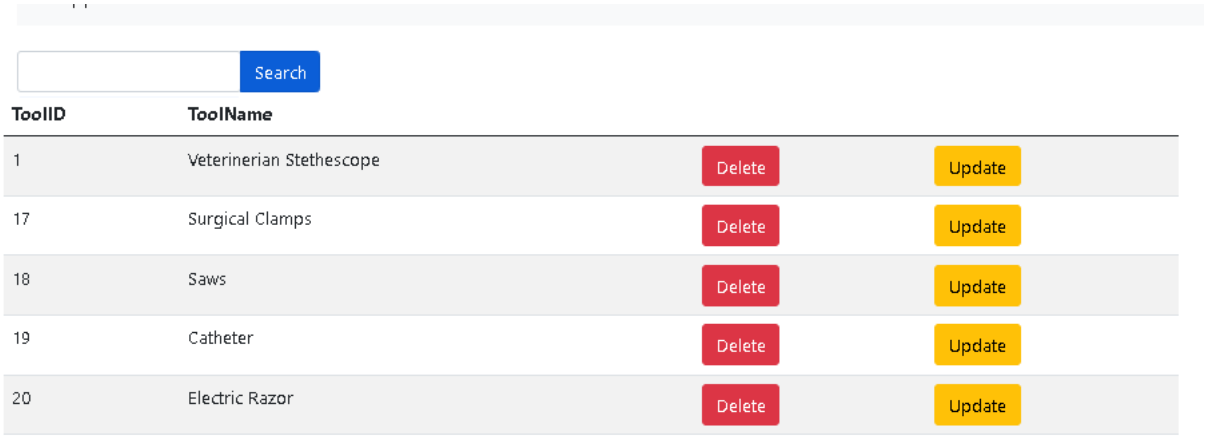

Felix
Patient Age 7
Patient Category Cat
PetOwnerName İlaydanur
Diagnosis Name Heartworm
Veterinerian Name Mustafa Çavuş
Update
Delete
Ciko
Patient Age 11
Patient Category Dog
PetOwnerName Ecren
Diagnosis Name Kennel Cough
Veterinerian Name Tuğba Hocaoğlu
Update
Delete
Karabaş
Patient Age 8
Patient Category Dog
PetOwnerName AYŞE
Diagnosis Name Diabetes
Veterinerian Name Harun Tekin
Update
Delete
Arap
Patient Age 8
Patient Category Dog
PetOwnerName Erdenay
Diagnosis Name Cancer
Veterinerian Name Harun Tekin
Update
Delete

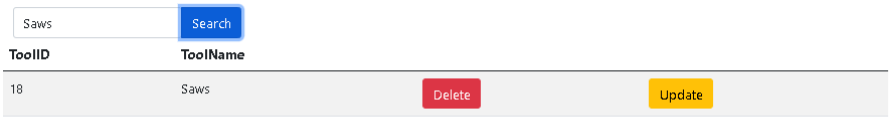
Ekleme:

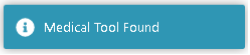

Add Patient
Patient Category ID
5
Veterinerian ID
3
Pet Owner ID
7
Diagnoses ID
7
Patient Room ID
6
Patient Name
Fındık
Patient Age
6
Add


Patient Age 7
Patient Category Cat
PetOwnerName İlaydanur
Diagnosis Name Heartworm
Veterinerian Name Mustafa Çavuş
Update
Delete
Patient Age 11
Patient Category Dog
PetOwnerName Ecren
Diagnosis Name Kennel Cough
Veterinerian Name Tuğba Hocaoğlu
Update
Delete
Patient Age 8
Patient Category Dog
PetOwnerName AYŞE
Diagnosis Name Diabetes
Veterinerian Name Harun Tekin
Update
Delete
Arap
Patient Age 8
Patient Category Dog
PetOwnerName Erdenay
Diagnosis Name Cancer
Veterinerian Name Harun Tekin
Update
Delete
Fındık
Patient Age 6
Patient Category Dog
PetOwnerName TULAY
Diagnosis Name Ringworm
Veterinerian Name Rahim Yayla
Update
Delete
Patient Added Successfully

Arama:


Search
ToolID
ToolName
1
Veterinerian Stethescope
Delete
Update
17
Surgical Clamps
Delete
Update
18
Saws
Delete
Update
19
Catheter
Delete
Update
20
Electric Razor
Delete
Update





9-)Uygulamaya Ait Kaynak Kodları

Uygulama linki: https://github.com/Beytullah-1001/DBMS-Project

10-)Uygulamayı anlattığım video adresi

Video Adresi: https://youtu.be/07tRBUB9QV8