SAKARYA ÜNİVERSİTESİ

VERİ TABANI YÖNETİM SİSTEMLERİ DERSİ

PROJE ÖDEVİ

AD:UĞUR

SOYAD:KAYA

NUMARA:B201210073

SINIF VE ŞUBE:1.ÖĞRETİM C GRUBU

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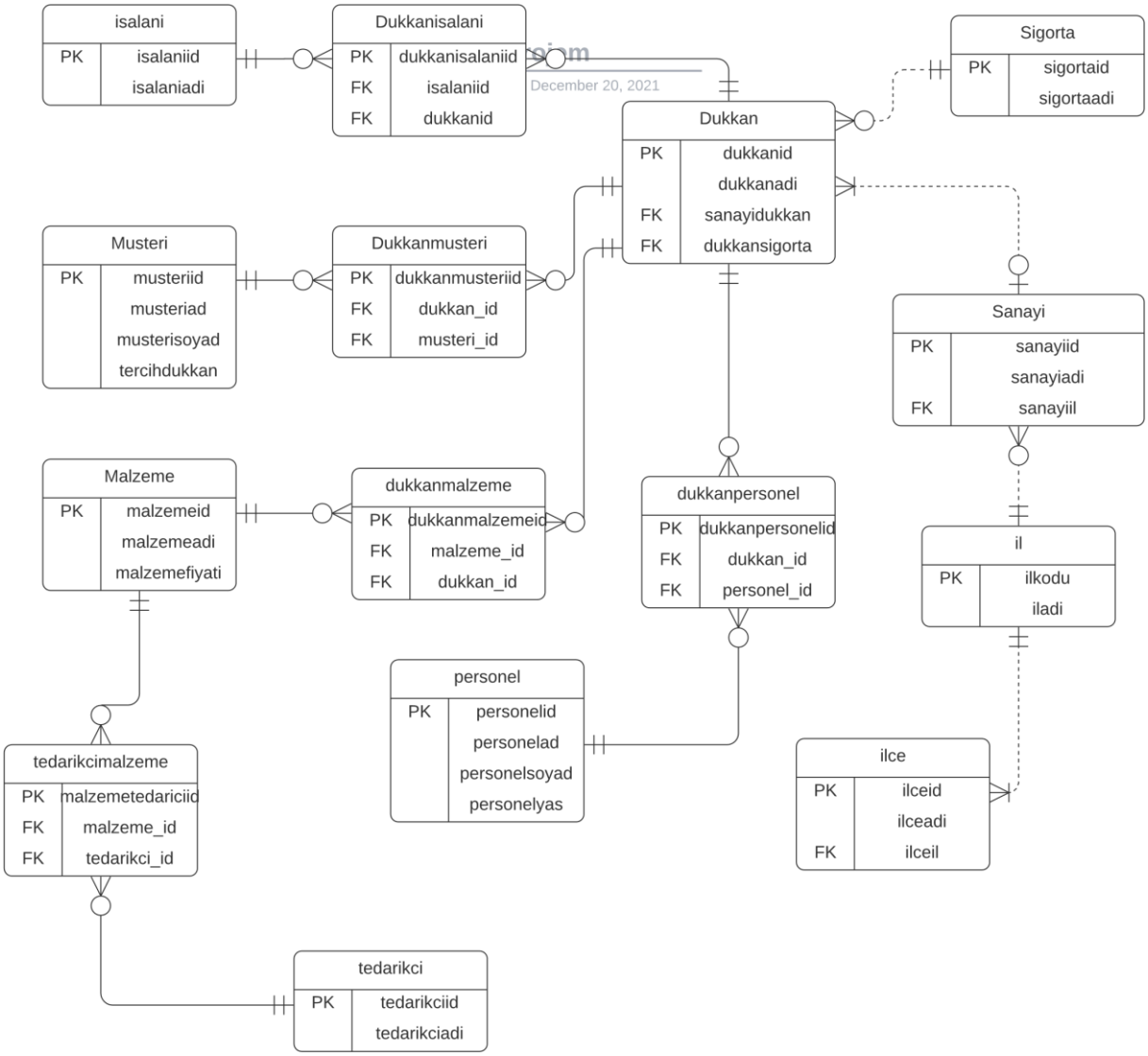
GİTHUB LİNKİ: https://github.com/UgurKaya5

UYGULAMANIN KISA TANITIMI:

Yaptığım uygulama c# dili ve postgresql veri tabanına sahip sanayi otomosyonudur.

Sanayi ile ilgili dükkan,personel,müşteri vs. ekleme,silme,güncelleme,arama,listeleme yapabileceğimiz bir uygulamadır.

VARLIK BAĞINTI MODELİ



İş Kuralları:

*Bir sanayide birden fazla dükkan vardır. En az bir dükkan bulunmalıdır.

*Bir dükkan en az sıfır en fazla bir sanayide bulunabilir.

*Bir sigortacının (sigorta acentesinin) en az sıfır en fazla çok dükkanı bulunabilir.

*Bir dükkanın en az bir en fazla bir sigortacısı olmalıdır.

*Bir dükkanın en az bir en fazla çok sayıda iş alanı vardır.

*Bir iş alanı en az bir en fazla çok dükkanda bulunur.

*Bir dükkanın en az sıfır en fazla çok sayıda müşterisi bulunur.

*Bir müşteri en az bir en fazla çok sayıda dükkana iş yaptırabilir.

*Bir dükkanda en az bir en fazla çok sayıda malzeme bulunur.

*Bir malzeme en az sıfır en fazla çok dükkanda kullanılabilir.

*Bir malzeme en az bir en fazla çok sayıda tedarikçide bulunur.

*Bir en az bir en fazla çok sayıda malzeme bulunur.

*Bir dükkanda en az bir en fazla çok sayıda personel bulunur.

*Bir personel en az sıfır en fazla çok dükkana sahip olabilir.

*Bir sanayi en az bir en fazla bir sanayide bulunur.

*Bir ilde en az sıfır en fazla çok sanayi bulunur.

*Bir ilin en az bir en fazla çok sayıda ilçesi bulunur.

*Bir ilçenin en az bir en fazla bir ili bulunur.

İlişkisel Şema:

*Sanayi(**sanayiid:integer**, sanayiadi:varchar(50), sanayiil:integer)

*Dukkan(**dukkanid:integer**, dukkanadi:varchar(50), sanayidukkan:integer, dukkansigorta:integer)

*Sigorta(**sigortaid:integer**,sigortaadi:varchar(50))

*Malzeme(**malzemeid:integer**, malzemeadi:varchar(50), malzemefiyati:varchar(50))

*müşteri(**musteriid:integer**, musteriad:varchar(50), musterisoyad:varchar(50))

*İl(**ilkodu:integer**, iladi:varchar(50))

*İlce(**ilceid:integer**, ilceadi:varchar(50), ilceil:integer)

*Tedarikci(**tedarikciid:integer**, tedarikciadi:varchar(50))

*Personel(**personelid:integer**, personelad:varchar(50), personelsoyad:varchar(50), personelyas:varchar(50))

*isalani(**isalaniid:integer**,isalaniadi:varchar(50))

*tedarikcimalzeme(**malzemetedarikciid:integer**, malzeme_id=integer,tedarikçi_id=integer)

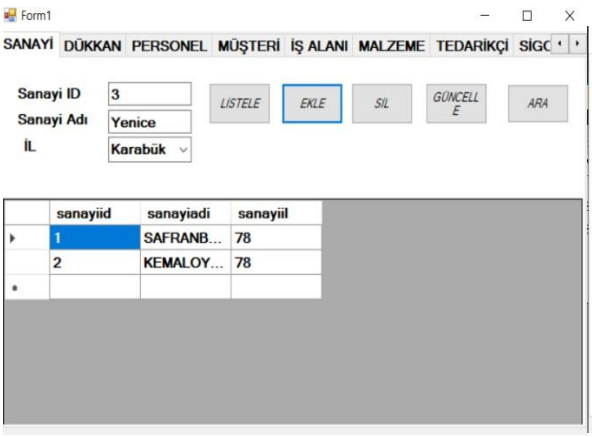
*dukkanpersonel(**dukkanpersonelid:integer**, dukkan_id:integer, personel_id=integer)

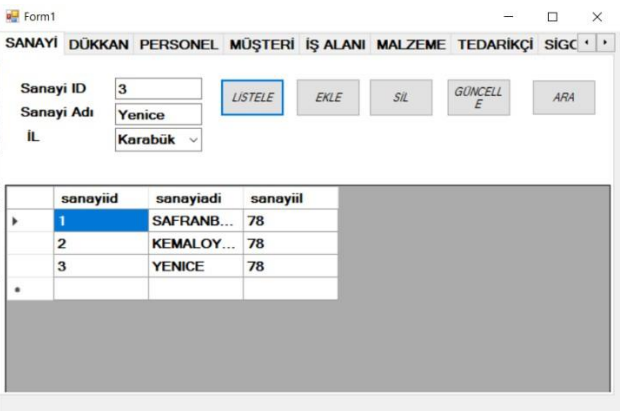
*dukkanmusteri(**dukkanmusteriid:integer**,musteri_id:integer, dukkan_id:integer)

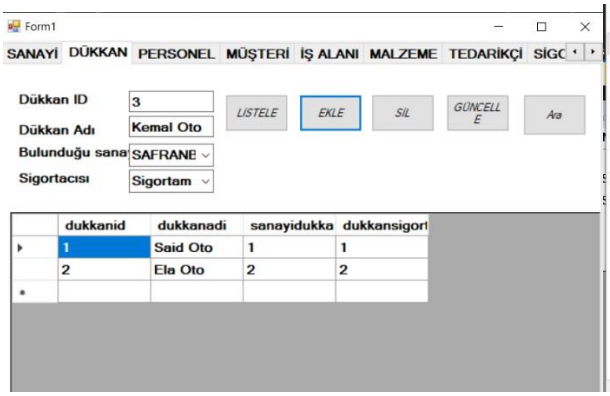
*dukkanmalzeme(**dukkanmalzemeid:integer**, malzeme_id:integer, dukkan_id: integer)

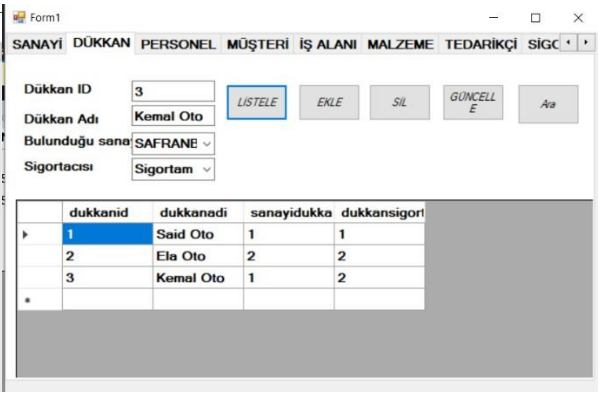
*dukkanisalani(**dukkanisalaniid:integer**,isalaniid:integer,dukkanid:integer)

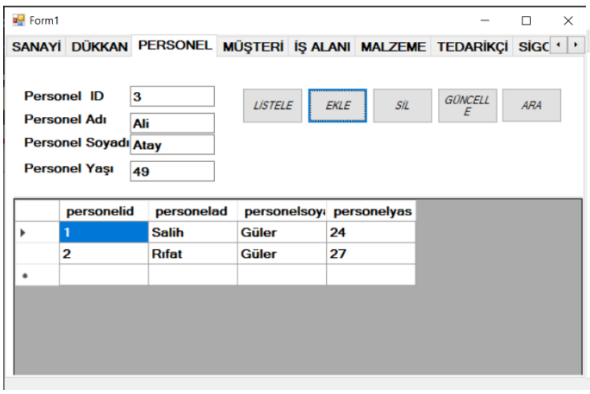
Ekleme Ekran Görüntüleri

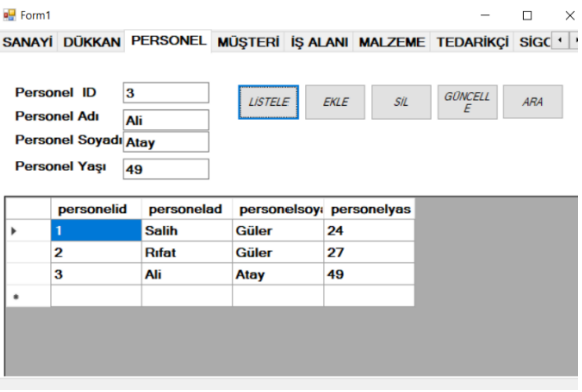




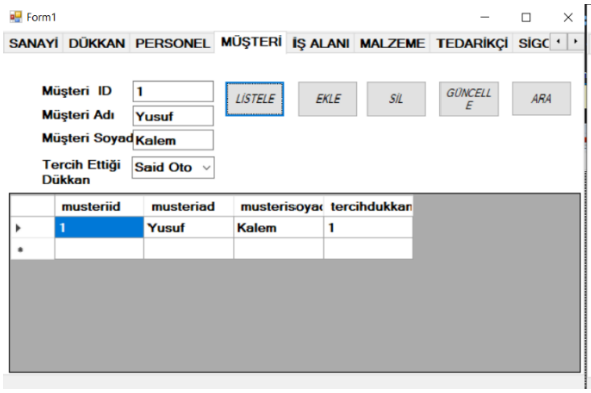


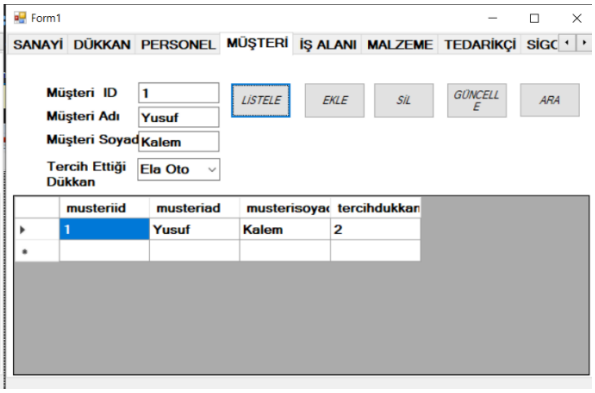


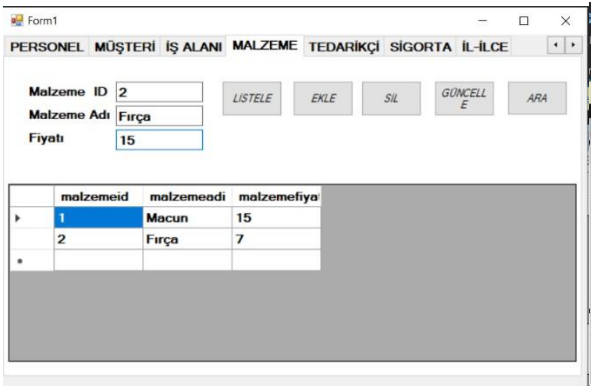


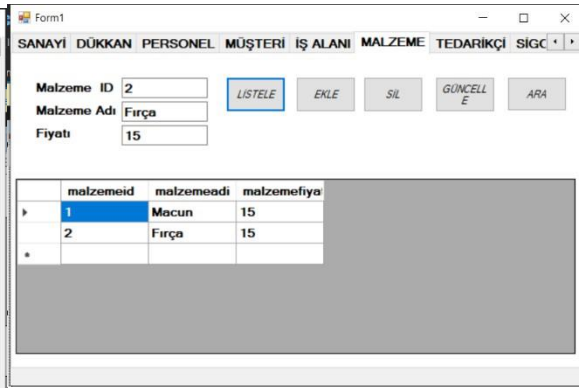


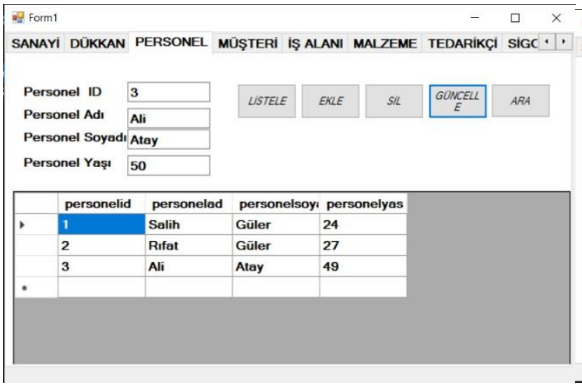
Güncelleme Ekran Görüntüleri

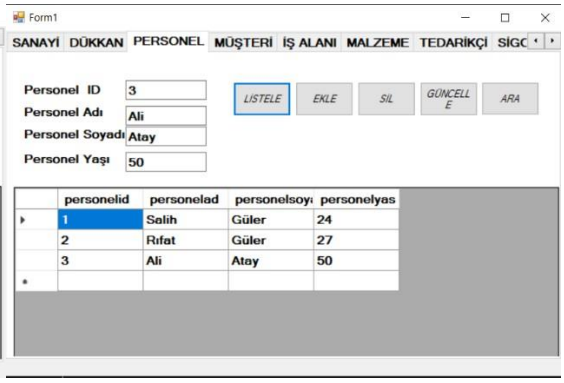




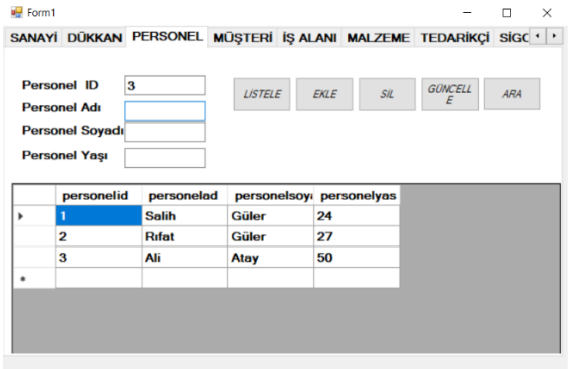




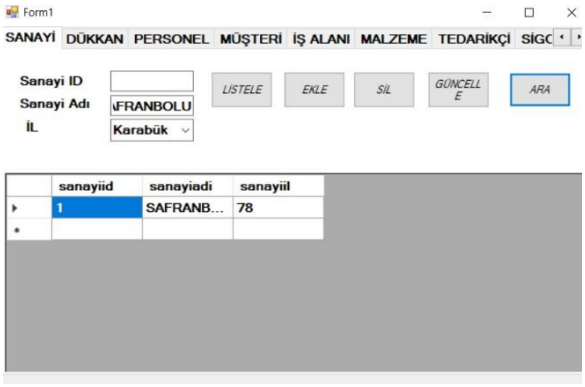


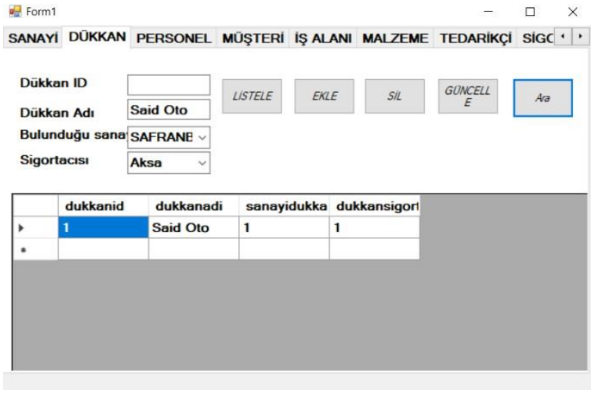


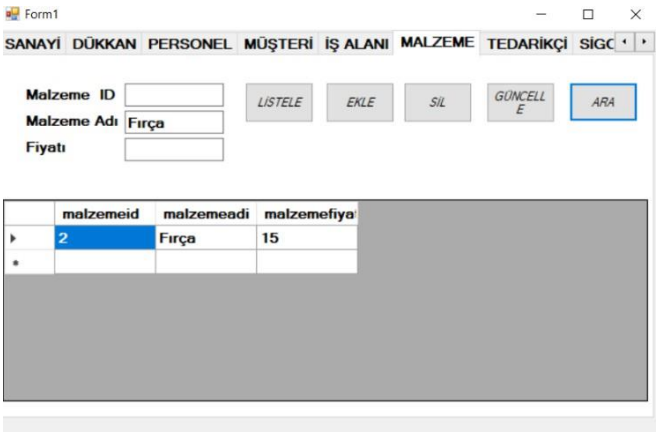
Silme Ekran Görüntüleri



ARAMA EKRAN GÖRÜNTÜLERİ







TRİGGER

```
create or replace function sanayiekle()

returns trigger

as

$$

BEGIN

   NEW."sanayiadi" = UPPER(NEW."sanayiadi");

   RETURN NEW;

END;

$$

LANGUAGE plpgsql;


CREATE TRIGGER "testsanayiekle"

BEFORE INSERT OR UPDATE ON "sanayi"

FOR EACH ROW

EXECUTE PROCEDURE "sanayiekle"();
```

```
create or replace function personelyas()

returns trigger

as

$$

begin

if NEW.personelyas<18  THEN
```

```
 RAISE EXCEPTION '18 yaşından küçük personel eklenemez';
 END IF;
   RETURN NEW;
END;
$$
LANGUAGE plpgsql;
CREATE TRIGGER "testpersonelyas"
BEFORE INSERT OR UPDATE ON "personel"
FOR EACH ROW
EXECUTE PROCEDURE "personelyas"();
```

```
create or replace function ilkontrol()
returns trigger
as
$$
begin
if NEW.ilkodu<0 AND NEW.ilkodu>81 THEN
        RAISE EXCEPTION 'İL KODU 0 İLE 81 ARASINDA OLAMLIDIR!';
   END IF;
   RETURN NEW;
END;
$$
LANGUAGE plpgsql;
CREATE TRIGGER "testilkontrol"
BEFORE INSERT OR UPDATE ON "il"
FOR EACH ROW
EXECUTE PROCEDURE "ilkontrol"();
```

```
create or replace function dukkansayisikontrol()
returns trigger
as
$$
begin
```

```
if NEW.dukkansayisi>15 Then
 RAISE EXCEPTION 'DÜKKAN SAYISI 15 TEN BÜYÜK OLAMAZ!';
   END IF;
   RETURN NEW;
END;
$$
LANGUAGE plpgsql;


CREATE TRIGGER "testdukkansayisikontrol"
BEFORE INSERT OR UPDATE ON "dukkan"
FOR EACH ROW
EXECUTE PROCEDURE "dukkansayisikontrol"();
```

```
create or replace function dukkansayisi()
returns trigger
as
$$
begin
update dukkan set dukkansayisi=dukkansayisi+1;
return new ;
end
$$
LANGUAGE plpgsql;
CREATE TRIGGER "testdukkansayisi"
BEFORE INSERT OR UPDATE ON "dukkan"
FOR EACH ROW
EXECUTE PROCEDURE "dukkansayisi"();
```

```
create or replace function deletedukkansayisi()
returns trigger
as
$$
begin
```

```
update dukkan set dukkansayisi=dukkansayisi-1;

return new ;

end

$$

LANGUAGE plpgsql;

CREATE TRIGGER "testdeletedukkansayisi"

BEFORE INSERT OR UPDATE ON "dukkan"

FOR EACH ROW

EXECUTE PROCEDURE "deletedukkansayisi"();
```

FONKSİYONLAR:

```
CREATE FUNCTION public.dukkan_getir(parametre character varying)

RETURNS TABLE

(iddukkan integer, adidukkan character varying,sanayi_dukkan integer,dukkan_sigorta integer)

   LANGUAGE plpgsql

   AS $$

Begin

return Query

Select dukkanid,dukkanadi,sanayidukkan,dukkansigorta from dukkan where dukkanadi like
parametre;

End;

$$

---------------

CREATE FUNCTION public.kdvlifiyat(fiyat double precision)

RETURNS double

   LANGUAGE plpgsql

   AS $$

Begin

fiyat :=fiyat*0,08+fiyat;

return fiyat;

End;
```

$$;

CREATE FUNCTION public.musteri_getir(prmat character varying)

RETURNS TABLE

(musteri_id integer, musteri_ad character varying, musteri_soyad character varying,tercih_dukkan integer)

LANGUAGE plpgsql

AS $$

begin

Return query

select musteriid,musteri_ad,musteri_soyad,tercih_dukkan from musteri where musteriad like prmat;

end;

$$;

CREATE FUNCTION public.personel_getir(prmat character varying)

RETURNS TABLE

(personel_id integer, personel_ad character varying, personel_soyad character varying, personel_yas integer)

LANGUAGE plpgsql

AS $$

begin

Return query

select personelid,personelad,personelsoyad,personelyas from personel where personelad like prmat;

end;

$$;

SQL

```
--
-- PostgreSQL database dump
--

-- Dumped from database version 13.4
-- Dumped by pg_dump version 13.4

-- Started on 2021-12-20 17:14:06

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 221 (class 1255 OID 17424)
-- Name: deletedukkansayisi(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.deletedukkansayisi() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
update dukkan set dukkansayisi=dukkansayisi-1;
return new ;
```

```
end
$$;


ALTER FUNCTION public.deletedukkansayisi() OWNER TO postgres;


--
-- TOC entry 234 (class 1255 OID 17451)
-- Name: dukkan_getir(character varying); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.dukkan_getir(parametre character varying) RETURNS TABLE(iddukkan integer, adidukkan character varying, sanayi_dukkan integer, dukkan_sigorta integer)
    LANGUAGE plpgsql
    AS $$
Begin
return Query
Select dukkanid,dukkanadi,sanayidukkan,dukkansigorta from dukkan where dukkanadi like parametre;
End;
$$;


ALTER FUNCTION public.dukkan_getir(parametre character varying) OWNER TO postgres;


--
-- TOC entry 220 (class 1255 OID 17422)
-- Name: dukkansayisi(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.dukkansayisi() RETURNS trigger
    LANGUAGE plpgsql
```

```
    AS $$
begin
update dukkan set dukkansayisi=dukkansayisi+1;
return new ;
end
$$;


ALTER FUNCTION public.dukkansayisi() OWNER TO postgres;


--
-- TOC entry 219 (class 1255 OID 17449)
-- Name: dukkansayisikontrol(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.dukkansayisikontrol() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
if NEW.dukkansayisi>15 Then
 RAISE EXCEPTION 'DÜKKAN SAYISI 15 TEN BÜYÜK OLAMAZ!';
    END IF;
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.dukkansayisikontrol() OWNER TO postgres;


--
-- TOC entry 218 (class 1255 OID 17447)
```

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

CREATE FUNCTION public.ilkontrol() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
if NEW.ilkodu<0 AND NEW.ilkodu>81 THEN
            RAISE EXCEPTION 'İL KODU 0 İLE 81 ARASINDA OLAMLIDIR!';
    END IF;
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.ilkontrol() OWNER TO postgres;

--
-- TOC entry 216 (class 1255 OID 17252)
-- Name: kdvlifiyat(double precision); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.kdvlifiyat(fiyat double precision) RETURNS double precision
    LANGUAGE plpgsql
    AS $$
Begin
fiyat :=fiyat*0,08+fiyat;
return fiyat;
End;
$$;
```

```
ALTER FUNCTION public.kdvlifiyat(fiyat double precision) OWNER TO postgres;


--

-- TOC entry 235 (class 1255 OID 17452)

-- Name: musteri_getir(character varying); Type: FUNCTION; Schema: public; Owner: postgres

--


CREATE FUNCTION public.musteri_getir(prmat character varying) RETURNS TABLE(musteri_id
integer, musteri_ad character varying, musteri_soyad character varying, tercih_dukkan integer)
   LANGUAGE plpgsql
   AS $$
begin
        Return query
        select musteriid,musteri_ad,musteri_soyad,tercih_dukkan from musteri where musteriad
like prmat;
        end;
$$;



ALTER FUNCTION public.musteri_getir(prmat character varying) OWNER TO postgres;


--

-- TOC entry 222 (class 1255 OID 17430)

-- Name: personel_getir(character varying); Type: FUNCTION; Schema: public; Owner: postgres

--


CREATE FUNCTION public.personel_getir(prmat character varying) RETURNS TABLE(personel_id
integer, personel_ad character varying, personel_soyad character varying, personel_yas integer)
   LANGUAGE plpgsql
   AS $$
begin
```

```
	Return query
	select personelid,personelad,personelsoyad,personelyas from personel where personelad
like prmat;
	end;
$$;



ALTER FUNCTION public.personel_getir(prmat character varying) OWNER TO postgres;


--
-- TOC entry 217 (class 1255 OID 17445)
-- Name: personelyas(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.personelyas() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
begin
if NEW.personelyas<18  THEN
  RAISE EXCEPTION '18 yaşından küçük personel eklenemez';
  END IF;
    RETURN NEW;
END;
$$;



ALTER FUNCTION public.personelyas() OWNER TO postgres;


--
-- TOC entry 215 (class 1255 OID 17443)
-- Name: sanayiekle(); Type: FUNCTION; Schema: public; Owner: postgres
```

```
--

CREATE FUNCTION public.sanayiekle() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    NEW."sanayiadi" = UPPER(NEW."sanayiadi");
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.sanayiekle() OWNER TO postgres;

SET default_tablespace = '';

SET default_table_access_method = heap;

--
-- TOC entry 201 (class 1259 OID 17225)
-- Name: dukkan; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.dukkan (
    dukkanid integer NOT NULL,
    dukkanadi character varying(50),
    sanayidukkan integer,
    dukkansigorta integer,
    dukkansayisi integer
);
```

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

--
-- TOC entry 210 (class 1259 OID 17327)
-- Name: dukkanislani; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.dukkanislani (
    dukkanisalniid integer NOT NULL,
    isalani_id integer,
    dukkan_id integer
);


ALTER TABLE public.dukkanislani OWNER TO postgres;

--
-- TOC entry 213 (class 1259 OID 17383)
-- Name: dukkanmalzeme; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.dukkanmalzeme (
    dukkanmalzemeid integer NOT NULL,
    malzeme_id integer,
    dukkan_id integer
);


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

```
--
-- TOC entry 211 (class 1259 OID 17344)
-- Name: dukkanmusteri; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.dukkanmusteri (
    dukkanmusteriid integer NOT NULL,
    musteri_id integer,
    dukkan_id integer
);


ALTER TABLE public.dukkanmusteri OWNER TO postgres;

--
-- TOC entry 212 (class 1259 OID 17361)
-- Name: dukkanpersonel; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.dukkanpersonel (
    dukkanpersonelid integer NOT NULL,
    dukkan_id integer,
    personel_id integer
);


ALTER TABLE public.dukkanpersonel OWNER TO postgres;

--
-- TOC entry 207 (class 1259 OID 17284)
-- Name: il; Type: TABLE; Schema: public; Owner: postgres
```

```
--

CREATE TABLE public.il (
    ilkodu integer NOT NULL,
    iladi character varying(50)
);


ALTER TABLE public.il OWNER TO postgres;

--
-- TOC entry 208 (class 1259 OID 17293)
-- Name: ilce; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.ilce (
    ilceid integer NOT NULL,
    ilceadi character varying(50),
    ilceil integer
);


ALTER TABLE public.ilce OWNER TO postgres;

--
-- TOC entry 205 (class 1259 OID 17271)
-- Name: isalani; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.isalani (
    isalaniid integer NOT NULL,
```

```
    isalaniadi character varying(50)
);


ALTER TABLE public.isalani OWNER TO postgres;

--
-- TOC entry 203 (class 1259 OID 17238)
-- Name: malzeme; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.malzeme (
    malzemeid integer NOT NULL,
    malzemeadi character varying(50),
    "malzemefiyatı" integer
);


ALTER TABLE public.malzeme OWNER TO postgres;

--
-- TOC entry 204 (class 1259 OID 17257)
-- Name: musteri; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.musteri (
    musteriid integer NOT NULL,
    musteriad character varying,
    musterisoyad character varying,
    tercihdukkan integer
);
```

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

--
-- TOC entry 202 (class 1259 OID 17230)
-- Name: personel; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.personel (
    personelid integer NOT NULL,
    personelad character varying(50),
    personelsoyad character varying(50),
    personelyas integer
);


ALTER TABLE public.personel OWNER TO postgres;

--
-- TOC entry 200 (class 1259 OID 17220)
-- Name: sanayi; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.sanayi (
    sanayiid integer NOT NULL,
    sanayiadi character varying(50),
    sanayiil integer
);
```

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

--
-- TOC entry 209 (class 1259 OID 17298)
-- Name: sigorta; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.sigorta (
    sigortaid integer NOT NULL,
    sigortaadi character varying(50)
);


ALTER TABLE public.sigorta OWNER TO postgres;

--
-- TOC entry 206 (class 1259 OID 17276)
-- Name: tedarikci; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.tedarikci (
    tedariciid integer NOT NULL,
    tedarikciadi character varying(50)
);


ALTER TABLE public.tedarikci OWNER TO postgres;

--
-- TOC entry 214 (class 1259 OID 17400)
-- Name: tedarikcimalzeme; Type: TABLE; Schema: public; Owner: postgres
```

```
--

CREATE TABLE public.tedarikcimalzeme (
    malzemetedarikciid integer NOT NULL,
    malzeme_id integer,
    tedarikci_id integer
);


ALTER TABLE public.tedarikcimalzeme OWNER TO postgres;

--
-- TOC entry 3111 (class 0 OID 17225)
-- Dependencies: 201
-- Data for Name: dukkan; Type: TABLE DATA; Schema: public; Owner: postgres
--

INSERT INTO public.dukkan (dukkanid, dukkanadi, sanayidukkan, dukkansigorta, dukkansayisi)
VALUES (1, 'Said Oto', 1, 1, NULL);

INSERT INTO public.dukkan (dukkanid, dukkanadi, sanayidukkan, dukkansigorta, dukkansayisi)
VALUES (2, 'Ela Oto', 2, 2, NULL);

INSERT INTO public.dukkan (dukkanid, dukkanadi, sanayidukkan, dukkansigorta, dukkansayisi)
VALUES (3, 'Kemal Oto', 1, 2, NULL);


--
-- TOC entry 3120 (class 0 OID 17327)
-- Dependencies: 210
-- Data for Name: dukkanislani; Type: TABLE DATA; Schema: public; Owner: postgres
--
```

--

-- TOC entry 3123 (class 0 OID 17383)

-- Dependencies: 213

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

--

--

-- TOC entry 3121 (class 0 OID 17344)

-- Dependencies: 211

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

--

--

-- TOC entry 3122 (class 0 OID 17361)

-- Dependencies: 212

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

--

--

-- TOC entry 3117 (class 0 OID 17284)

-- Dependencies: 207

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

--

```
INSERT INTO public.il (ilkodu, iladi) VALUES (78, 'Karabük');
INSERT INTO public.il (ilkodu, iladi) VALUES (6, 'Ankara');
INSERT INTO public.il (ilkodu, iladi) VALUES (74, 'Bartın');
INSERT INTO public.il (ilkodu, iladi) VALUES (14, 'Bolu');
INSERT INTO public.il (ilkodu, iladi) VALUES (67, 'Zonguldak');


--
-- TOC entry 3118 (class 0 OID 17293)
-- Dependencies: 208
-- Data for Name: ilce; Type: TABLE DATA; Schema: public; Owner: postgres
--

INSERT INTO public.ilce (ilceid, ilceadi, ilceil) VALUES (7801, 'safranbolu', 78);
INSERT INTO public.ilce (ilceid, ilceadi, ilceil) VALUES (7802, 'yenice', 78);


--
-- TOC entry 3115 (class 0 OID 17271)
-- Dependencies: 205
-- Data for Name: isalani; Type: TABLE DATA; Schema: public; Owner: postgres
--

INSERT INTO public.isalani (isalaniid, isalaniadi) VALUES (2, 'Boya');
INSERT INTO public.isalani (isalaniid, isalaniadi) VALUES (3, 'Kaporta');
INSERT INTO public.isalani (isalaniid, isalaniadi) VALUES (1, 'Yedek parça');


--
-- TOC entry 3113 (class 0 OID 17238)
-- Dependencies: 203
```

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

--

INSERT INTO public.malzeme (malzemeid, malzemeadi, "malzemefiyatı") VALUES (1, 'Macun', 15);

INSERT INTO public.malzeme (malzemeid, malzemeadi, "malzemefiyatı") VALUES (2, 'Fırça', 15);

--

-- TOC entry 3114 (class 0 OID 17257)

-- Dependencies: 204

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

--

INSERT INTO public.musteri (musteriid, musteriad, musterisoyad, tercihdukkan) VALUES (1, 'Yusuf', 'Kalem', 2);

--

-- TOC entry 3112 (class 0 OID 17230)

-- Dependencies: 202

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

--

INSERT INTO public.personel (personelid, personelad, personelsoyad, personelyas) VALUES (1, 'Salih', 'Güler', 24);

INSERT INTO public.personel (personelid, personelad, personelsoyad, personelyas) VALUES (2, 'Rıfat', 'Güler', 27);

--

-- TOC entry 3110 (class 0 OID 17220)

-- Dependencies: 200

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

--

INSERT INTO public.sanayi (sanayiid, sanayiadi, sanayiil) VALUES (1, 'SAFRANBOLU', 78);

INSERT INTO public.sanayi (sanayiid, sanayiadi, sanayiil) VALUES (2, 'KEMALOYMAN', 78);

INSERT INTO public.sanayi (sanayiid, sanayiadi, sanayiil) VALUES (3, 'YENICE', 78);

--

-- TOC entry 3119 (class 0 OID 17298)

-- Dependencies: 209

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

--

INSERT INTO public.sigorta (sigortaid, sigortaadi) VALUES (1, 'Aksa');

INSERT INTO public.sigorta (sigortaid, sigortaadi) VALUES (2, 'Sigortam');

--

-- TOC entry 3116 (class 0 OID 17276)

-- Dependencies: 206

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

--

INSERT INTO public.tedarikci (tedariciid, tedarikciadi) VALUES (1, 'boyacı');

INSERT INTO public.tedarikci (tedariciid, tedarikciadi) VALUES (2, 'hırdavat');

--

-- TOC entry 3124 (class 0 OID 17400)

-- Dependencies: 214

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




--
-- TOC entry 2940 (class 2606 OID 17331)
-- Name: dukkanislani dukkanislani_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkanislani
    ADD CONSTRAINT dukkanislani_pkey PRIMARY KEY (dukkanisalniid);



--
-- TOC entry 2952 (class 2606 OID 17387)
-- Name: dukkanmalzeme dukkanmalzeme_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkanmalzeme
    ADD CONSTRAINT dukkanmalzeme_pkey PRIMARY KEY (dukkanmalzemeid);



--
-- TOC entry 2944 (class 2606 OID 17348)
-- Name: dukkanmusteri dukkanmusteri_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkanmusteri
    ADD CONSTRAINT dukkanmusteri_pkey PRIMARY KEY (dukkanmusteriid);
```

```
--
-- TOC entry 2948 (class 2606 OID 17365)
-- Name: dukkanpersonel dukkanpersonel_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkanpersonel
    ADD CONSTRAINT dukkanpersonel_pkey PRIMARY KEY (dukkanpersonelid);


--
-- TOC entry 2919 (class 2606 OID 17229)
-- Name: dukkan dükkan_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkan
    ADD CONSTRAINT "dükkan_pkey" PRIMARY KEY (dukkanid);


--
-- TOC entry 2933 (class 2606 OID 17288)
-- Name: il il_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.il
    ADD CONSTRAINT il_pkey PRIMARY KEY (ilkodu);


--
```

```
-- TOC entry 2936 (class 2606 OID 17297)
-- Name: ilce ilce_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.ilce
    ADD CONSTRAINT ilce_pkey PRIMARY KEY (ilceid);


--
-- TOC entry 2925 (class 2606 OID 17245)
-- Name: malzeme malzeme_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.malzeme
    ADD CONSTRAINT malzeme_pkey PRIMARY KEY (malzemeid);


--
-- TOC entry 2958 (class 2606 OID 17404)
-- Name: tedarikcimalzeme malzemetedarikci_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.tedarikcimalzeme
    ADD CONSTRAINT malzemetedarikci_pkey PRIMARY KEY (malzemetedarikciid);


--
-- TOC entry 2927 (class 2606 OID 17264)
-- Name: musteri musteri_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public.musteri
    ADD CONSTRAINT musteri_pkey PRIMARY KEY (musteriid);


--
-- TOC entry 2923 (class 2606 OID 17234)
-- Name: personel personel_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.personel
    ADD CONSTRAINT personel_pkey PRIMARY KEY (personelid);


--
-- TOC entry 2917 (class 2606 OID 17224)
-- Name: sanayi sanayi_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.sanayi
    ADD CONSTRAINT sanayi_pkey PRIMARY KEY (sanayiid);


--
-- TOC entry 2938 (class 2606 OID 17302)
-- Name: sigorta sigorta_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.sigorta
    ADD CONSTRAINT sigorta_pkey PRIMARY KEY (sigortaid);
```

```
--
-- TOC entry 2931 (class 2606 OID 17283)
-- Name: tedarikci tedarikci_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.tedarikci
    ADD CONSTRAINT tedarikci_pkey PRIMARY KEY (tedariciid);


--
-- TOC entry 2929 (class 2606 OID 17275)
-- Name: isalani İsAlani_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.isalani
    ADD CONSTRAINT "İsAlani_pkey" PRIMARY KEY (isalaniid);


--
-- TOC entry 2953 (class 1259 OID 17393)
-- Name: fki_dmalzeme_foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_dmalzeme_foreign ON public.dukkanmalzeme USING btree (dukkan_id);


--
-- TOC entry 2941 (class 1259 OID 17343)
-- Name: fki_dukkan_foreign; Type: INDEX; Schema: public; Owner: postgres
--
```

```
CREATE INDEX fki_dukkan_foreign ON public.dukkanislani USING btree (dukkan_id);


--
-- TOC entry 2945 (class 1259 OID 17354)
-- Name: fki_dukkanforeign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_dukkanforeign ON public.dukkanmusteri USING btree (dukkan_id);


--
-- TOC entry 2949 (class 1259 OID 17376)
-- Name: fki_dukkanmusteri1foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_dukkanmusteri1foreign ON public.dukkanpersonel USING btree (dukkan_id);


--
-- TOC entry 2950 (class 1259 OID 17382)
-- Name: fki_dukkanmusteri2foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_dukkanmusteri2foreign ON public.dukkanpersonel USING btree (personel_id);


--
-- TOC entry 2920 (class 1259 OID 17326)
-- Name: fki_dukkansigorta_foreign; Type: INDEX; Schema: public; Owner: postgres
```

--

CREATE INDEX fki_dukkansigorta_foreign ON public.dukkan USING btree (dukkansigorta);

--

-- TOC entry 2934 (class 1259 OID 17314)

-- Name: fki_ilceil_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki_ilceil_foreign ON public.ilce USING btree (ilceil);

--

-- TOC entry 2942 (class 1259 OID 17337)

-- Name: fki_isalani_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki_isalani_foreign ON public.dukkanislani USING btree (isalani_id);

--

-- TOC entry 2954 (class 1259 OID 17399)

-- Name: fki_mmalzeme_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki_mmalzeme_foreign ON public.dukkanmalzeme USING btree (malzeme_id);

--

-- TOC entry 2946 (class 1259 OID 17360)

```
-- Name: fki_musteriforeign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_musteriforeign ON public.dukkanmusteri USING btree (musteri_id);


--
-- TOC entry 2921 (class 1259 OID 17320)
-- Name: fki_sanayidukkan_foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_sanayidukkan_foreign ON public.dukkan USING btree (sanayidukkan);


--
-- TOC entry 2915 (class 1259 OID 17308)
-- Name: fki_sanayiil_foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_sanayiil_foreign ON public.sanayi USING btree (sanayiil);


--
-- TOC entry 2955 (class 1259 OID 17410)
-- Name: fki_tmalzeme_foreign; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX fki_tmalzeme_foreign ON public.tedarikcimalzeme USING btree (malzeme_id);


--
```

-- TOC entry 2956 (class 1259 OID 17416)

-- Name: fki_ttedarikci_foreign; Type: INDEX; Schema: public; Owner: postgres

--

CREATE INDEX fki_ttedarikci_foreign ON public.tedarikcimalzeme USING btree (tedarikci_id);

--

-- TOC entry 2976 (class 2620 OID 17425)

-- Name: dukkan testdeletedukkansayisi; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testdeletedukkansayisi AFTER DELETE ON public.dukkan FOR EACH ROW EXECUTE FUNCTION public.deletedukkansayisi();

--

-- TOC entry 2975 (class 2620 OID 17423)

-- Name: dukkan testdukkansayisi; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testdukkansayisi AFTER INSERT ON public.dukkan FOR EACH ROW EXECUTE FUNCTION public.dukkansayisi();

--

-- TOC entry 2977 (class 2620 OID 17450)

-- Name: dukkan testdukkansayisikontrol; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testdukkansayisikontrol BEFORE INSERT OR UPDATE ON public.dukkan FOR EACH ROW EXECUTE FUNCTION public.dukkansayisikontrol();

--

-- TOC entry 2979 (class 2620 OID 17448)

-- Name: il testilkontrol; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testilkontrol BEFORE INSERT OR UPDATE ON public.il FOR EACH ROW EXECUTE FUNCTION public.ilkontrol();

--

-- TOC entry 2978 (class 2620 OID 17446)

-- Name: personel testpersonelyas; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testpersonelyas BEFORE INSERT OR UPDATE ON public.personel FOR EACH ROW EXECUTE FUNCTION public.personelyas();

--

-- TOC entry 2974 (class 2620 OID 17444)

-- Name: sanayi testsanayiekle; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER testsanayiekle BEFORE INSERT OR UPDATE ON public.sanayi FOR EACH ROW EXECUTE FUNCTION public.sanayiekle();

--

-- TOC entry 2964 (class 2606 OID 17433)

-- Name: dukkanislani dknforeign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.dukkanislani

ADD CONSTRAINT dknforeign FOREIGN KEY (dukkan_id) REFERENCES public.dukkan(dukkanid) NOT VALID;

--

-- TOC entry 2970 (class 2606 OID 17388)

-- Name: dukkanmalzeme dmalzeme_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.dukkanmalzeme

ADD CONSTRAINT dmalzeme_foreign FOREIGN KEY (dukkan_id) REFERENCES public.dukkan(dukkanid) NOT VALID;

--

-- TOC entry 2965 (class 2606 OID 17349)

-- Name: dukkanmusteri dukkanforeign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.dukkanmusteri

ADD CONSTRAINT dukkanforeign FOREIGN KEY (dukkan_id) REFERENCES public.dukkan(dukkanid) NOT VALID;

--

-- TOC entry 2967 (class 2606 OID 17366)

-- Name: dukkanpersonel dukkanforeign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

```
ALTER TABLE ONLY public.dukkanpersonel
    ADD CONSTRAINT dukkanforeign FOREIGN KEY (dukkan_id) REFERENCES public.dukkan(dukkanid)
NOT VALID;


--
-- TOC entry 2968 (class 2606 OID 17371)
-- Name: dukkanpersonel dukkanmusteri1foreign; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.dukkanpersonel
    ADD CONSTRAINT dukkanmusteri1foreign FOREIGN KEY (dukkan_id) REFERENCES
public.dukkan(dukkanid) NOT VALID;


--
-- TOC entry 2969 (class 2606 OID 17377)
-- Name: dukkanpersonel dukkanmusteri2foreign; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.dukkanpersonel
    ADD CONSTRAINT dukkanmusteri2foreign FOREIGN KEY (personel_id) REFERENCES
public.personel(personelid) NOT VALID;


--
-- TOC entry 2961 (class 2606 OID 17321)
-- Name: dukkan dukkansigorta_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--
```

```
ALTER TABLE ONLY public.dukkan
    ADD CONSTRAINT dukkansigorta_foreign FOREIGN KEY (dukkansigorta) REFERENCES
public.sigorta(sigortaid) NOT VALID;


--
-- TOC entry 2962 (class 2606 OID 17309)
-- Name: ilce ilceil_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.ilce
    ADD CONSTRAINT ilceil_foreign FOREIGN KEY (ilceil) REFERENCES public.il(ilkodu) NOT VALID;


--
-- TOC entry 2963 (class 2606 OID 17332)
-- Name: dukkanislani isalani_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.dukkanislani
    ADD CONSTRAINT isalani_foreign FOREIGN KEY (isalani_id) REFERENCES public.isalani(isalaniid)
NOT VALID;


--
-- TOC entry 2971 (class 2606 OID 17394)
-- Name: dukkanmalzeme mmalzeme_foreign; Type: FK CONSTRAINT; Schema: public; Owner:
postgres
--

ALTER TABLE ONLY public.dukkanmalzeme
```

```
    ADD CONSTRAINT mmalzeme_foreign FOREIGN KEY (malzeme_id) REFERENCES
public.malzeme(malzemeid) NOT VALID;



--

-- TOC entry 2966 (class 2606 OID 17355)

-- Name: dukkanmusteri musteriforeign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--


ALTER TABLE ONLY public.dukkanmusteri

    ADD CONSTRAINT musteriforeign FOREIGN KEY (musteri_id) REFERENCES
public.musteri(musteriid) NOT VALID;



--

-- TOC entry 2960 (class 2606 OID 17315)

-- Name: dukkan sanayidukkan_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--


ALTER TABLE ONLY public.dukkan

    ADD CONSTRAINT sanayidukkan_foreign FOREIGN KEY (sanayidukkan) REFERENCES
public.sanayi(sanayiid) NOT VALID;



--

-- TOC entry 2959 (class 2606 OID 17303)

-- Name: sanayi sanayiil_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--


ALTER TABLE ONLY public.sanayi

    ADD CONSTRAINT sanayiil_foreign FOREIGN KEY (sanayiil) REFERENCES public.il(ilkodu) NOT VALID;
```

--

-- TOC entry 2972 (class 2606 OID 17405)

-- Name: tedarikcimalzeme tmalzeme_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.tedarikcimalzeme

    ADD CONSTRAINT tmalzeme_foreign FOREIGN KEY (malzeme_id) REFERENCES public.malzeme(malzemeid) NOT VALID;

--

-- TOC entry 2973 (class 2606 OID 17411)

-- Name: tedarikcimalzeme ttedarikci_foreign; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.tedarikcimalzeme

    ADD CONSTRAINT ttedarikci_foreign FOREIGN KEY (tedarikci_id) REFERENCES public.tedarikci(tedariciid) NOT VALID;

-- Completed on 2021-12-20 17:14:07

--

-- PostgreSQL database dump complete

--