SAKARYA ÜNİVERSİTESİ

VERİ TABANI YÖNETİM SİSTEMLERİ DERSİ

PROJE ÖDEVİ

AD:SALİH REMZİ

SOYAD:GÜLER

NUMARA:B201210019

SINIF VE ŞUBE:1.ÖĞRETİM A GRUBU

E POSTA ADRESİ: remzi.guler@ogr.sakarya.edu.tr

GİTHUB ADRESİ:
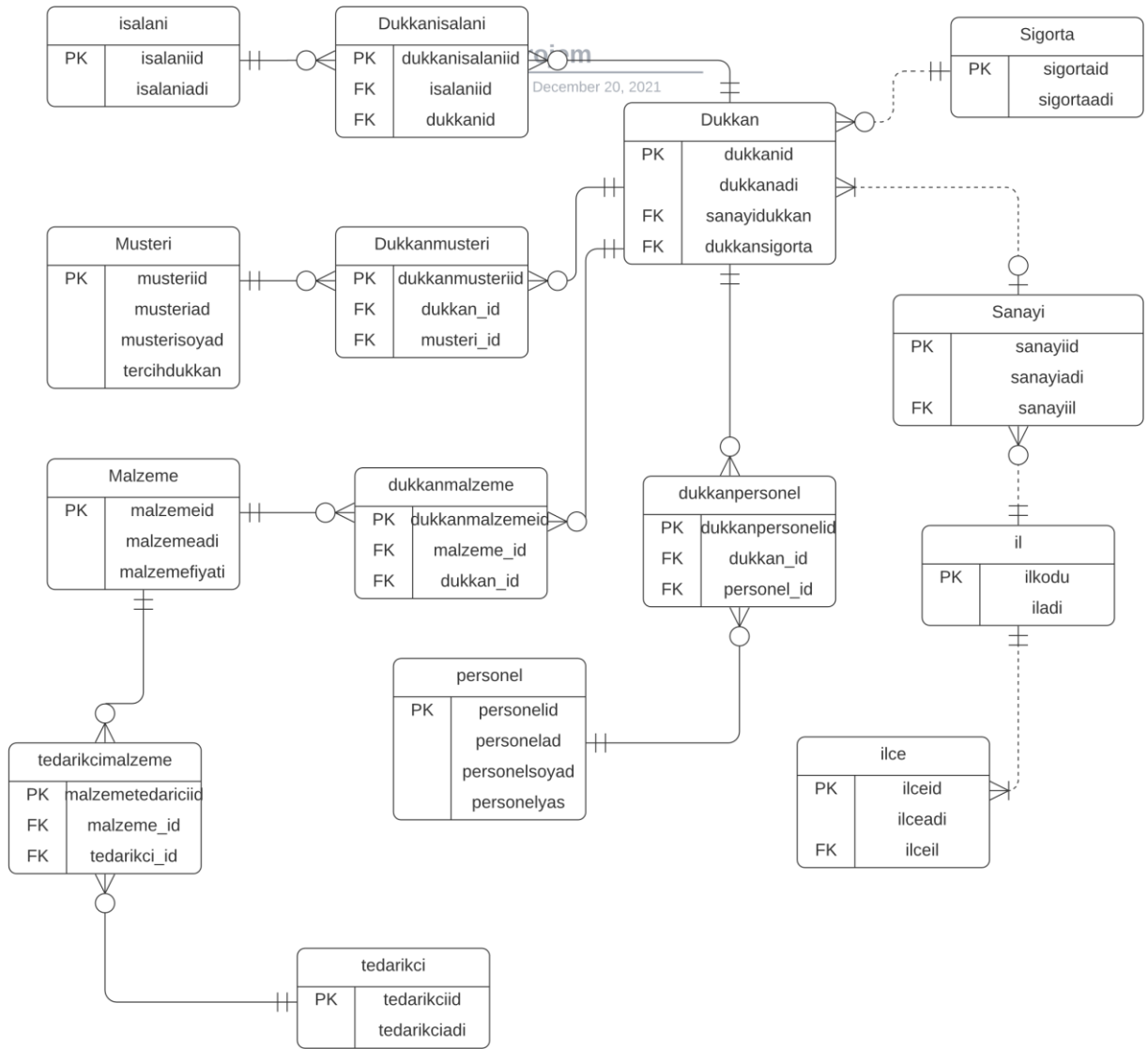https://github.com/salihguler78/sanayi_otomasyonu_VTYS

VİDEO LİNKİ: https://youtu.be/Eepob3WXFyE

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
```

```sql
  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"();
```

```sql
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"();
```

```sql
create or replace function dukkansayisikontrol()

returns trigger

as

$$

begin
```

```sql
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"();
```

```sql
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"();
```

```sql
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
```

```
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)
```

```
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
```

```sql
--

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
);
```

```sql
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;
```

```
CREATE TABLE public.dukkanmusteri (

    dukkanmusteriid integer NOT NULL,

    musteri_id integer,

    dukkan_id integer

);
```

ALTER TABLE public.dukkanmusteri OWNER TO postgres;

```
CREATE TABLE public.dukkanpersonel (

    dukkanpersonelid integer NOT NULL,

    dukkan_id integer,

    personel_id integer

);
```

ALTER TABLE public.dukkanpersonel OWNER TO 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

--


```sql
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

--


```sql
CREATE TABLE public.sanayi (

    sanayiid integer NOT NULL,

    sanayiadi character varying(50),

    sanayiil integer

);
```

```sql
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

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);

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

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

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

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

--

-- 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

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