VERİTABANI YÖNETİM SİSTEMLERİ

AD : RAİF

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UYGULAMANIN KISA TANITIMI

Projemde bir otomotiv bayisinin verilerini tutmakta zorlandığını bir database ve uygulamaya ihtiyaç duyacağını tespit ettim. Projemde otomotiv bayisi' nin gerekli bilgilerinin tutulduğu database ve uygulama geliştirdim. Uygulamada bilgilerin eklendiği, güncellendiği, arama yapıldığı, silinmek istendiğinde silindiği ve verilerin listelendiği bir uygulama geliştirdim.

İLİŞKİSEL ŞEMA

Arac (arac_no : İnteger, arac_tur_no : İnteger, yakit_no : İnteger, marka_no : İnteger, model_no : İnteger, model_ad : character varying(30), koltuk_sayisi : character varying(10), agirlik : İnteger, vites_tipi : character varying(10), renk : character varying(30), model_yil : İnteger, uretim_yeri : character varying(30), arac_fiyat : character varying(10), uretim_tarihi : character varying(10), gumruk_giris_tarihi : character varying(10))

AracMarka (marka_no : İnteger, marka_ad : character varying(30))

AracModel (model_no : İnteger, marka_no : İnteger, model_ad : character varying(30))

AracTur (arac_tur_no : İnteger, arac_tur_ad : character varying(30))

AracYakit (yakit_no : İnteger, yakit_ad : character varying(30))

Bayi (id : İnteger, arac_no : İnteger, stok_no : İnteger, satislar_no : İnteger, personel_id : İnteger, randevu_no : İnteger, sehir : character varying(30), bayi_bolge_no : İnteger, bayi_bolge_ad : character varying(30), bayi_ad : character varying(50))

Personel (personel_id : İnteger, ad : character varying(30), soyad : character varying(30), personel_tip_no : İnteger, personel_tip_ad : character varying(30), ucret : character varying(10))

Danisman (personel_id : İnteger, ad : character varying(30), soyad : character varying(30), personel_tip_no : İnteger, personel_tip_ad : character varying(30), ucret : character varying(10), firma_no : İnteger, danisman_no : İnteger)

Danismanlikfirmasi (firma_no : İnteger, firma_ad : character varying(30), firma_adres : character varying(100))

Kadrolu (personel_id : İnteger, ad : character varying(30), soyad : character varying(30), personel_tip_no : İnteger, personel_tip_ad : character varying(30), ucret : character varying(10), kadro_no : İnteger)

Sozlesmeli (personel_id : İnteger, ad : character varying(30), soyad : character varying(30), personel_tip_no : İnteger, personel_tip_ad : character varying(30), ucret : character varying(10), sozlesme_no : İnteger)

Randevu (randevu_no : İnteger, arac_no : İnteger, marka_ad : character varying(30), model_ad : character varying(30), ad : character varying(30), soyad : character varying(30), telefon_numarasi : character varying(13))

ServisRandevu (randevu_no : İnteger, arac_no : İnteger, marka_ad : character varying(30), model_ad : character varying(30), ad : character varying(30), soyad : character varying(30), telefon_numarasi : character varying(13), servis_randevu_tarih : character varying(25), arac_plaka : character varying(15))

TestSurusRandevu (randevu_no : İnteger, arac_no : İnteger, marka_ad : character varying(30), model_ad : character varying(30), ad : character varying(30), soyad : character varying(30), telefon_numarasi : character varying(13), test_surus_randevu_tarih : character varying(25), test_arac_plaka : character varying(15))

Satislar (satislar_no : İnteger, arac_no : İnteger, arac_tur_ad : character varying(30), marka_ad : character varying(30), model_ad : character varying(30), arac_fiyat : İnteger, satilan_arac_model_adet : İnteger, toplam_satis_tutar : İnteger, gelir_gider_id : İnteger)

Servis (servis_no : İnteger, arac_no : İnteger, marka_ad : character varying(30), arac_tur_ad : character varying(30), model : character varying(30), renk : character varying(30), yakit_ad : character varying(30), plaka : character varying(15), arac_km_bilgisi : character varying(15), model_yili : character varying(4), servis_ucret_tip_no : İnteger, servis_ucret_tip_ad : character varying(30), servis_ucret : İnteger, hasar_kaydi_orani : İnteger)

Stok (stok_no : İnteger, arac_no : İnteger, arac_tur_ad : character varying(30), marka_ad : character varying(30), model_ad : character varying(30), vites_tipi : character varying(10), arac_fiyat : character varying(15), model_yili : character varying(4), stok_miktari : İnteger, stok_guncelleme_tarihi : character varying(10))

GelirGider (id : İnteger, aylikgelir : İnteger, yillikgelir : İnteger, aylikgider : İnteger, yillikgider : İnteger, ayliknetkar : İnteger, yilliknetkar : İnteger)

İŞ KURALLARI

Bir Arac’ ın bir Arac Tur ‘u olabilir

Bir Arac Tur’ un birden çok Arac ı olabilir

Bir Arac’ ın Bir Arac Yakit’ı olabilir

Bir Arac Yakit’ından birden çok Arac olabilir.

Bir Arac’ ın bir Arac Modeli olabilir.

Bir Arac Modelinden birden çok Arac olabilir.

Bir Arac’ ın bir Arac Markası olabilir.

Bir Arac Markasından birden çok Arac olabilir.

Bir Danisman’ın bir firmaNo su olabilir.

Bir FirmaNo bir ya da birden çok Danisman’a ait olabilir.

Bir ya da birden çok personel bir Bayide bulunabilir.

Bir ya da birden çok bayide bir ya da birden çok personel bulunabilir.

Bir Arac’ ın hiç ya da çok stok’u bulunabilir.

Bir ya da hiç stok’un bir Arac’ı bulunabilir.

Bir ya da çok Bayi’nin hiç ya da çok Stok’u bulunabilir.

Bir ya da hiç Stok’un bir ya da çok Bayisi bulunabilir.

Bir ya da hiç satisların Bir ya da birden çok Bayisi bulunabilir.

Bir ya da birden çok Bayinin hiç ya da çok Satisları olabilir

Bir ya da birden fazla Bayinin birden çok ya da hiç GelirGider’i olabilir.

Birden çok ya da hiç GelirGider’in Bir ya da çok Bayisi olabilir.

Birden çok ya da hiç Satislar bir Arac ta bulunabilir.

Bir Arac’ın birden çok ya da hiç Satisları bulunabilir.

Hiç ya da çok Servis Kaydının bir Arac’ı olabilir.

Bir ya da birden çok Arac’ın hiç ya da çok Servis Kaydı olabilir.

Bir Arac’ın bir ya da hiç Randevusu olabilir.

Bir ya da hiç Randevu bir Arac’ a aittir.

Bir ya da çok Bayide çok ya da hiç Randevu olabilir.

Hiç ya da çok Randevu Bir ya da çok Bayide bulunabilir.

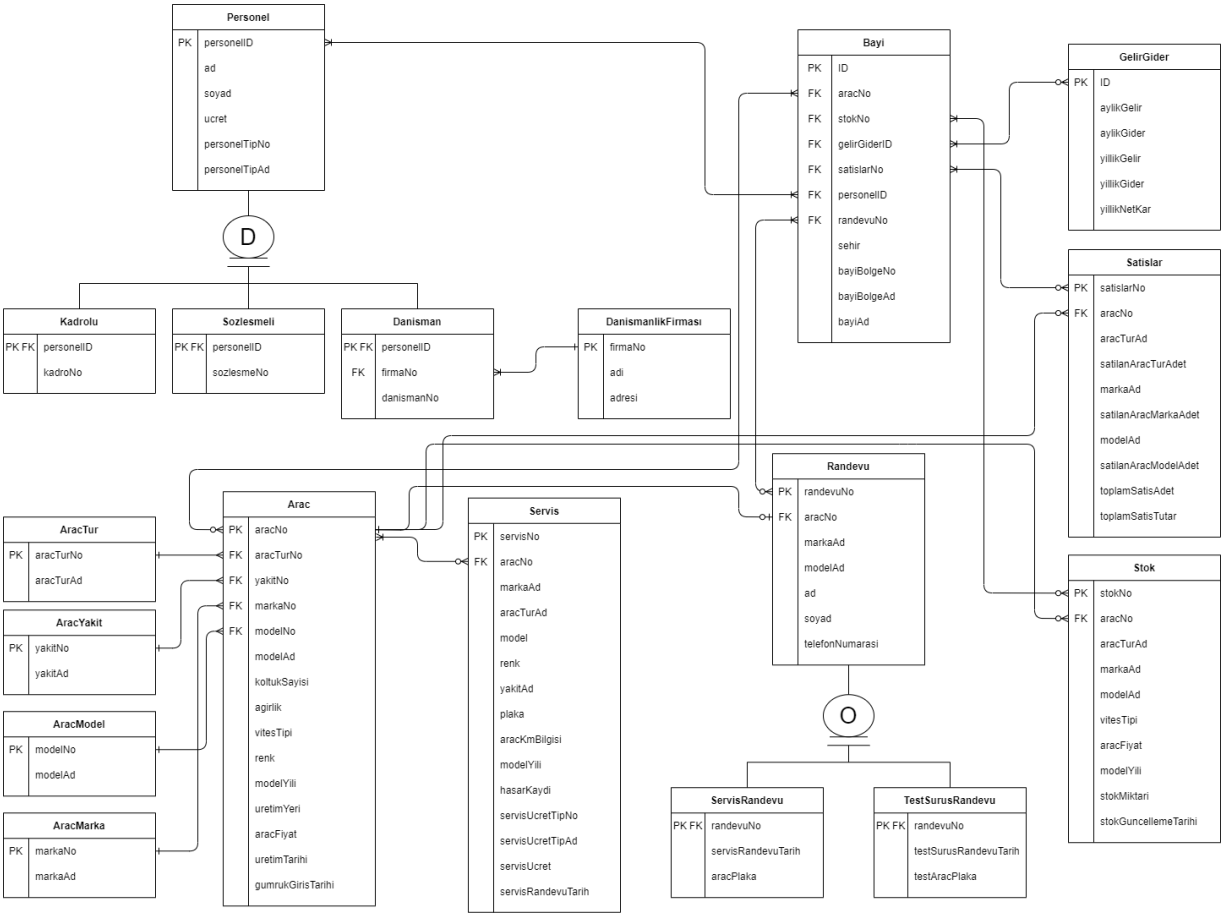
Hiç ya da çok Arac bir ya da birden çok Bayide bulunabilir.

Bir ya da birden çok Bayide hiç ya da çok Arac bulunabilir.

Bir Personel ya Kadrolu ya Sözleşmeli ya da Danismandır.

Bir Randevu Kaydı Servis Randevusu ve Test Surus Randevusu olabilir

VARLIK BAĞINTI MODELİ



SQL İFADELERİ

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

-- Dumped from database version 13.1
-- Dumped by pg_dump version 13.1

-- Started on 2020-12-26 03:09:40

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 236 (class 1255 OID 41627)
-- Name: dnsmlkfrmverigir(integer); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.dnsmlkfrmverigir(sayi integer) RETURNS void
    LANGUAGE plpgsql SECURITY DEFINER
```

```
    AS $$
BEGIN
    IF sayi > 0 THEN
        FOR i IN 1 .. sayi LOOP
            INSERT INTO "danismanlikfirmasi" ("firma_no","firma_ad", "firma_adres")
            VALUES(
                                    ceil(random()*1000),
                                    substring('ABCÇDEFGĞHIiJKLMNOÖPRSŞTUÜVYZ' from
ceil(random()*10)::smallint for ceil(random()*20)::SMALLINT),
                'İSTANBUL CADDESİ NO: 61 AKYOL İŞ HANI YALOVA/MERKEZ'
                 );
        END LOOP;
    END IF;
END;
$$;


ALTER FUNCTION public.dnsmlkfrmverigir(sayi integer) OWNER TO postgres;


--
-- TOC entry 235 (class 1255 OID 41602)
-- Name: hsp(integer); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.hsp(kayitsayisi integer) RETURNS void
    LANGUAGE plpgsql SECURITY DEFINER
    AS $$
DECLARE
            aylikglr int;
            aylikgdr int;
            yillikgdr int;
```

```
        yillikglr int;
        aylikntkar int;
        yillikntkar int;
BEGIN
   IF kayitSayisi > 0 THEN
      FOR i IN 1 .. kayitSayisi LOOP
                        aylikglr =10000*ceil(random()*1000);
                        aylikgdr =1000*ceil(random()*1000);
                        yillikgdr =12*aylikgdr;
                        yillikglr =12*aylikglr;
                        aylikntkar=aylikglr-aylikgdr;
                        yillikntkar=yillikglr-yillikgdr;
        INSERT INTO "gelirgider"
("aylikgelir","aylikgider","yillikgelir","yillikgider","ayliknetkar","yilliknetkar")
        VALUES(aylikglr,aylikgdr,yillikglr,yillikgdr,aylikntkar,yillikntkar);
      END LOOP;
   END IF;
END;
$$;



ALTER FUNCTION public.hsp(kayitsayisi integer) OWNER TO postgres;


--
-- TOC entry 223 (class 1255 OID 41842)
-- Name: marka_ekle(); Type: FUNCTION; Schema: public; Owner: postgres
--


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

```
BEGIN
    NEW."marka_ad" = UPPER(NEW."marka_ad");
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.marka_ekle() OWNER TO postgres;

--
-- TOC entry 237 (class 1255 OID 41816)
-- Name: modelyildegisikligi(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public.modelyildegisikligi() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."model_yil" <> OLD."model_yil" THEN
        INSERT INTO "aracdegisikligiizle"("arac_no", "eski_model_yil", "yeni_model_yil")
        VALUES(OLD."arac_no", OLD."model_yil", NEW."model_yil");
    END IF;

    RETURN NEW;
END;
$$;


ALTER FUNCTION public.modelyildegisikligi() OWNER TO postgres;
```

```
--
-- TOC entry 239 (class 1255 OID 41659)
-- Name: satisHsp(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public."satisHsp"() RETURNS void
    LANGUAGE plpgsql SECURITY DEFINER
    AS $$
DECLARE
kmqFiyat int;
xc60Fiyat int;
micraFiyat int;
crftrFiyat int;
nvrFiyat int;
BEGIN
                        kmqFiyat=307900;
                        xc60Fiyat=779350;
                        micraFiyat=193600;
                        crftrFiyat=340000;
                        nvrFiyat=290400;
        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(10,'SUV','SKODA','KAMIQ',kmqFiyat,5,kmqFiyat*5,15);

                        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(19,'SUV','VOLVO','XC60',xc60Fiyat,8,xc60Fiyat*8,14);

                        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
```

```
        VALUES(33,'Hatchback 5
Kapı','NİSSAN','MİCRA',micraFiyat,20,micraFiyat*20,13);


                        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(31,'Minivan-Panelvan-Minibüs','VOLKSWAGEN
TİCARİ','CRAFTER',crftrFiyat,11,crftrFiyat*11,12);


                        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(36,'PİCK-UP','NİSSAN','NAVARA',nvrFiyat,9,nvrFiyat*9,11);
END;
$$;



ALTER FUNCTION public."satisHsp"() OWNER TO postgres;


--
-- TOC entry 238 (class 1255 OID 41920)
-- Name: soyad_degisikligi(); Type: FUNCTION; Schema: public; Owner: postgres
--


CREATE FUNCTION public.soyad_degisikligi() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."soyad" <> OLD."soyad" THEN
        INSERT INTO "soyaddegisikligiizle"("personel_id", "eski_soyad",
"yeni_soyad","degisiklik_tarihi")
        VALUES(OLD."personel_id", OLD."soyad", NEW."soyad",now());
    END IF;
```

```
    RETURN NEW;
END;
$$;


ALTER FUNCTION public.soyad_degisikligi() OWNER TO postgres;

--
-- TOC entry 240 (class 1255 OID 41876)
-- Name: srvRandv(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public."srvRandv"() RETURNS void
    LANGUAGE plpgsql
    AS $$
BEGIN
        INSERT INTO "servisrandevu" ("randevu_no","arac_no","marka_ad",
"model_ad","ad","soyad","telefon_numarasi","servis_randevu_tarih","arac_plaka")
    VALUES(1,10,'SKODA','KAMIQ','ADEM','AYHAN','+905343895771',NOW() +
(random() * (NOW()+'365 days' - NOW())),'77AAP761');


        INSERT INTO "servisrandevu" ("randevu_no","arac_no","marka_ad",
"model_ad","ad","soyad","telefon_numarasi","servis_randevu_tarih","arac_plaka")
    VALUES(2,19,'VOLVO','XC60','KADİR','AKY','+905343895772',NOW() + (random() *
(NOW()+'365 days' - NOW())),'77AAB361');


END;
$$;


ALTER FUNCTION public."srvRandv"() OWNER TO postgres;
```

```
--
-- TOC entry 241 (class 1255 OID 41966)
-- Name: yktDgsk(); Type: FUNCTION; Schema: public; Owner: postgres
--

CREATE FUNCTION public."yktDgsk"() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."yakit_ad" <> OLD."yakit_ad" THEN
        INSERT INTO "ykt_dgsk_izle"( "eski_yakit_ad", "yeni_yakit_ad",
"guncelleme_tarihi","yakit_no")
        VALUES(OLD."yakit_no", OLD."yakit_ad", NEW."yakit_ad", now());
    END IF;

    RETURN NEW;
END;
$$;


ALTER FUNCTION public."yktDgsk"() OWNER TO postgres;

SET default_tablespace = '';

SET default_table_access_method = heap;

--
-- TOC entry 207 (class 1259 OID 33059)
-- Name: satislar; Type: TABLE; Schema: public; Owner: postgres
--
```

```
CREATE TABLE public.satislar (
    satislar_no integer NOT NULL,
    arac_no integer,
    arac_tur_ad character varying(30),
    marka_ad character varying(30),
    model_ad character varying(30),
    arac_fiyat integer,
    satilan_arac_model_adet integer,
    toplam_satis_tutar integer,
    gelir_gider_id integer
);


ALTER TABLE public.satislar OWNER TO postgres;

--
-- TOC entry 216 (class 1259 OID 41640)
-- Name: Satislar_satislarNo_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public."Satislar_satislarNo_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;
```

```
ALTER TABLE public."Satislar_satislarNo_seq" OWNER TO postgres;


--

-- TOC entry 3166 (class 0 OID 0)

-- Dependencies: 216

-- Name: Satislar_satislarNo_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres

--


ALTER SEQUENCE public."Satislar_satislarNo_seq" OWNED BY public.satislar.satislar_no;



--

-- TOC entry 203 (class 1259 OID 32966)

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

--


CREATE TABLE public.arac (

    arac_no integer NOT NULL,

    arac_tur_no integer,

    yakit_no integer,

    marka_no integer,

    model_no integer,

    model_ad character varying(30),

    koltuk_sayisi character varying(10),

    agirlik integer,

    vites_tipi character varying(10),

    renk character varying(30),

    uretim_yeri character varying(30),

    arac_fiyat character varying(10),
```

```
    uretim_tarihi character varying(10),
    gumruk_giris_tarihi character varying(10),
    model_yil integer
);


ALTER TABLE public.arac OWNER TO postgres;

--
-- TOC entry 217 (class 1259 OID 41820)
-- Name: aracdegisikligiizle; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.aracdegisikligiizle (
    arac_no integer NOT NULL,
    eski_model_yil character varying(4) NOT NULL,
    yeni_model_yil character varying(4) NOT NULL
);


ALTER TABLE public.aracdegisikligiizle OWNER TO postgres;

--
-- TOC entry 208 (class 1259 OID 33133)
-- Name: aracmarka; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.aracmarka (
    marka_no integer NOT NULL,
    marka_ad character varying(30)
```

```
);


ALTER TABLE public.aracmarka OWNER TO postgres;

--
-- TOC entry 201 (class 1259 OID 32956)
-- Name: aracmodel; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.aracmodel (
    model_no integer NOT NULL,
    marka_no integer,
    model_ad character varying(30)
);


ALTER TABLE public.aracmodel OWNER TO postgres;

--
-- TOC entry 200 (class 1259 OID 32942)
-- Name: aractur; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.aractur (
    arac_tur_no integer NOT NULL,
    arac_tur_ad character varying(30)
);
```

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

--
-- TOC entry 202 (class 1259 OID 32961)
-- Name: aracyakit; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.aracyakit (
    yakit_no integer NOT NULL,
    yakit_ad character varying(30)
);


ALTER TABLE public.aracyakit OWNER TO postgres;

--
-- TOC entry 206 (class 1259 OID 33021)
-- Name: bayi; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.bayi (
    id integer NOT NULL,
    arac_no integer,
    stok_no integer,
    satislar_no integer,
    personel_id integer,
    randevu_no integer,
    sehir character varying(30),
    bayi_bolge_no integer,
    bayi_bolge_ad character varying(30),
```

```
    bayi_ad character varying(50)
);


ALTER TABLE public.bayi OWNER TO postgres;

--
-- TOC entry 209 (class 1259 OID 33180)
-- Name: personel; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.personel (
    personel_id integer NOT NULL,
    ad character varying(30),
    soyad character varying(30),
    personel_tip_no integer,
    personel_tip_ad character varying(30),
    ucret character varying(10)
);


ALTER TABLE public.personel OWNER TO postgres;

--
-- TOC entry 212 (class 1259 OID 33195)
-- Name: danisman; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.danisman (
    firma_no integer,
```

```
    danisman_no integer
)
INHERITS (public.personel);


ALTER TABLE public.danisman OWNER TO postgres;

--
-- TOC entry 215 (class 1259 OID 41622)
-- Name: danismanlikfirmasi; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.danismanlikfirmasi (
    firma_no integer NOT NULL,
    firma_ad character varying(30),
    firma_adres character varying(100)
);


ALTER TABLE public.danismanlikfirmasi OWNER TO postgres;

--
-- TOC entry 214 (class 1259 OID 41586)
-- Name: gelirgider; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.gelirgider (
    id integer NOT NULL,
    aylikgelir integer,
    yillikgelir integer,
```

```
    aylikgider integer,
    yillikgider integer,
    ayliknetkar integer,
    yilliknetkar integer
);


ALTER TABLE public.gelirgider OWNER TO postgres;

--
-- TOC entry 213 (class 1259 OID 41584)
-- Name: gelirgider_ID_seq; Type: SEQUENCE; Schema: public; Owner: postgres
--

CREATE SEQUENCE public."gelirgider_ID_seq"
    AS integer
    START WITH 1
    INCREMENT BY 1
    NO MINVALUE
    NO MAXVALUE
    CACHE 1;


ALTER TABLE public."gelirgider_ID_seq" OWNER TO postgres;

--
-- TOC entry 3167 (class 0 OID 0)
-- Dependencies: 213
-- Name: gelirgider_ID_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner: postgres
--
```

```
ALTER SEQUENCE public."gelirgider_ID_seq" OWNED BY public.gelirgider.id;


--
-- TOC entry 210 (class 1259 OID 33185)
-- Name: kadrolu; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.kadrolu (
    kadro_no integer
)
INHERITS (public.personel);


ALTER TABLE public.kadrolu OWNER TO postgres;

--
-- TOC entry 218 (class 1259 OID 41844)
-- Name: randevu; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.randevu (
    randevu_no integer NOT NULL,
    arac_no integer,
    marka_ad character varying(30),
    model_ad character varying(30),
    ad character varying(30),
    soyad character varying(30),
    telefon_numarasi character varying(13)
```

```
);


ALTER TABLE public.randevu OWNER TO postgres;

--
-- TOC entry 205 (class 1259 OID 33011)
-- Name: servis; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.servis (
    servis_no integer NOT NULL,
    arac_no integer,
    marka_ad character varying(30),
    arac_tur_ad character varying(30),
    model character varying(30),
    renk character varying(30),
    yakit_ad character varying(30),
    plaka character varying(15),
    arac_km_bilgisi character varying(15),
    model_yili character varying(4),
    servis_ucret_tip_no integer,
    servis_ucret_tip_ad character varying(30),
    servis_ucret integer,
    hasar_kaydi_orani integer
);


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

```
--
-- TOC entry 219 (class 1259 OID 41849)
-- Name: servisrandevu; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.servisrandevu (
    arac_plaka character varying(15),
    servis_randevu_tarih character varying(25)
)
INHERITS (public.randevu);


ALTER TABLE public.servisrandevu OWNER TO postgres;

--
-- TOC entry 221 (class 1259 OID 41917)
-- Name: soyaddegisikligiizle; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.soyaddegisikligiizle (
    personel_id integer NOT NULL,
    eski_soyad character varying(30) NOT NULL,
    yeni_soyad character varying(30) NOT NULL,
    degisiklik_tarihi timestamp without time zone NOT NULL
);


ALTER TABLE public.soyaddegisikligiizle OWNER TO postgres;

--
```

```
-- TOC entry 211 (class 1259 OID 33190)
-- Name: sozlesmeli; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.sozlesmeli (
    sozlesme_no integer
)
INHERITS (public.personel);


ALTER TABLE public.sozlesmeli OWNER TO postgres;

--
-- TOC entry 204 (class 1259 OID 32995)
-- Name: stok; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.stok (
    stok_no integer NOT NULL,
    arac_no integer,
    arac_tur_ad character varying(30),
    marka_ad character varying(30),
    model_ad character varying(30),
    vites_tipi character varying(10),
    model_yili character varying(4),
    stok_miktari integer,
    arac_fiyat character varying(15),
    stok_guncelleme_tarihi character varying(10)
);
```

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

--
-- TOC entry 220 (class 1259 OID 41854)
-- Name: testsurusrandevu; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.testsurusrandevu (
    test_arac_plaka character varying(15),
    test_surus_randevu_tarih character varying(25)
)
INHERITS (public.randevu);


ALTER TABLE public.testsurusrandevu OWNER TO postgres;

--
-- TOC entry 222 (class 1259 OID 41963)
-- Name: ykt_dgsk_izle; Type: TABLE; Schema: public; Owner: postgres
--

CREATE TABLE public.ykt_dgsk_izle (
    eski_yakit_ad real NOT NULL,
    yeni_yakit_ad real NOT NULL,
    guncelleme_tarihi timestamp without time zone NOT NULL,
    yakit_no integer
);
```

ALTER TABLE public.ykt_dgsk_izle OWNER TO postgres;

--

-- TOC entry 2941 (class 2604 OID 41589)

-- Name: gelirgider id; Type: DEFAULT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.gelirgider ALTER COLUMN id SET DEFAULT nextval('public."gelirgider_ID_seq"'::regclass);

--

-- TOC entry 2940 (class 2604 OID 41642)

-- Name: satislar satislar_no; Type: DEFAULT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.satislar ALTER COLUMN satislar_no SET DEFAULT nextval('public."Satislar_satislarNo_seq"'::regclass);

--

-- TOC entry 3141 (class 0 OID 32966)

-- Dependencies: 203

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

--

COPY public.arac (arac_no, arac_tur_no, yakit_no, marka_no, model_no, model_ad, koltuk_sayisi, agirlik, vites_tipi, renk, uretim_yeri, arac_fiyat, uretim_tarihi, gumruk_giris_tarihi, model_yil) FROM stdin;

1 22 1 1 1 A1 5 1125 Otomatik Beyaz BELÇİKA 380.000 03.2020 04.2020 2020

2 22 1 1 2 A3 5 1250 Otomatik Kırmızı ALMANYA 438.560 11.2019 01.2020 2021

3	21	1	1	3	A4	5	1660	Otomatik	Siyah	ALMANYA
	891.103		11.2019		01.2020		2019			
4	24	1	1	4	A5	5	1600	Otomatik	Kırmızı	
	ALMANYA		1.013.233		11.2019		01.2020	2019		
5	21	2	1	5	A6	5	1705	Otomatik	Siyah	ALMANYA
	1.070.168		11.2019		01.2020		2019			
6	22	3	1	6	A7	5	1760	Otomatik	Siyah	ALMANYA
	1.774.051		01.2020		03.2020		2020			
7	21	3	1	7	A8	5	2000	Otomatik	Siyah	ALMANYA
	2.959.715		01.2020		03.2020		2020			
8	22	1	2	8	SCALA	5	1229	Otomatik	Beyaz	ÇEK
CUMHURİYETİ			224.900		07.2020		09.2020	2020		
9	21	1	2	9	SUPERB	5	1455	Otomatik	Siyah	ÇEK
CUMHURİYETİ			364.900		07.2020		09.2020	2020		
10	28	1	2	10	KAMIQ	5	1251	Otomatik	Beyaz	ÇEK
CUMHURİYETİ			307.900		07.2020		09.2020	2020		
11	28	2	2	11	KAROQ	5	1441	Otomatik	Metalik Gri	
	ÇEK CUMHURİYETİ		388.400		07.2020		09.2020	2020		
12	28	2	2	12	KODIAQ	5	1581	Otomatik	Mavi	ÇEK
CUMHURİYETİ			889.900		07.2020		09.2020	2020		
13	22	1	3	13	IBİZA	5	1082	Manuel	Metalik Gri	
	İSPANYA		161.500		11.2020		11.2020	2020		
14	22	1	3	14	LEON	5	1158	Otomatik	Kırmızı	
	İSPANYA		251.000		06.2019		09.2019	2019		
15	28	1	3	15	ARONA	5	1135	Otomatik	Lacivert	
	İSPANYA		231.000		11.2020		11.2020	2020		
16	28	1	3	16	ATECA	5	1300	Otomatik	Metalik Gri	
	ÇEK CUMHURİYETİ		355.000		08.2020		09.2020	2020		
17	21	3	4	17	S90	5	1892	Otomatik	Siyah	ÇİN
	962.250		05.2020		09.2020		2020			
18	28	3	4	18	XC40	5	1625	Otomatik	Beyaz	BELÇİKA
	473.128		05.2020		09.2020		2020			
19	28	3	4	19	XC60	5	1950	Otomatik	Siyah	İSVEÇ
	779.350		05.2020		09.2020		2020			
20	28	3	4	20	XC90	5	2172	Otomatik	Siyah	ABD
	1.453.720		05.2020		09.2020		2020			

21 22 1 5 21 POLO 5 1180 Otomatik Beyaz İSPANYA 190.200 02.2020 03.2020 2020

22 22 1 5 22 GOLF 5 1353 Otomatik Beyaz MEKSİKA 231.600 11.2018 12.2018 2018

23 21 2 5 23 PASSAT 5 1459 Otomatik Siyah ÇEK CUMHURİYETİ 348.500 02.2020 05.2020 2020

24 28 1 5 24 T-ROC 5 1350 Otomatik Beyaz PORTEKİZ 387.500 06.2020 09.2020 2020

25 28 1 5 25 TİGUAN 5 1550 Otomatik Beyaz ALMANYA 435.000 07.2020 11.2020 2020

26 28 2 5 26 TOUAREG 5 1995 Otomatik Mavi SLOVAKYA 2.011.000 04.2020 07.2020 2020

27 30 2 6 27 CADDY 5 1417 Otomatik Metalik Gri POLONYA 228.000 02.2020 04.2020 2020

28 30 2 6 28 TRANSPORTER 8+1 1793 Manuel Metalik Gri POLONYA 239.000 02.2020 04.2020 2020

29 30 2 6 29 CARAVELLE 8+1 1879 Otomatik Metalik Gri ALMANYA 442.500 07.2020 10.2020 2020

30 29 2 6 30 AMAROK 5 2261 Otomatik Beyaz EKVADOR-ALMANYA 519.500 07.2020 10.2020 2020

31 30 2 6 31 CRAFTER 19+1 3000 Manuel Beyaz POLONYA 340.000 02.2020 05.2020 2020

32 30 2 7 32 TGE 16+1 3000 Manuel Beyaz POLONYA 305.000 02.2020 05.2020 2020

33 22 1 8 33 MİCRA 5 1065 Otomatik Beyaz FRANSA 193.600 08.2020 08.2020 2020

34 28 1 8 34 QASHQAI 5 1407 Otomatik Kırmızı İNGİLTERE 322.800 09.2020 10.2020 2020

35 28 1 8 35 X-TRAIL 5 1580 Otomatik Beyaz JAPONYA 406.900 10.2020 10.2020 2020

36 29 2 8 36 NAVARA 5 2050 Otomatik Beyaz ARJANTİN 290.400 03.2020 08.2020 2020

45 29 1 8 35 sdfsf 4 1233 afs asfa akaka 100.000 11.2020 11.2020 2020

\.

--

-- TOC entry 3155 (class 0 OID 41820)

-- Dependencies: 217

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

--

COPY public.aracdegisikligiizle (arac_no, eski_model_yil, yeni_model_yil) FROM stdin;

2	2019	2021

45	2019	2020

\.

--

-- TOC entry 3146 (class 0 OID 33133)

-- Dependencies: 208

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

--

COPY public.aracmarka (marka_no, marka_ad) FROM stdin;

1	AUDİ

2	SKODA

3	SEAT

4	VOLVO

5	VOLKSWAGEN BİNEK

6	VOLKSWAGEN TİCARİ

7	MAN

8	NİSSAN

9	TOYOTA

\.

--

-- TOC entry 3139 (class 0 OID 32956)

-- Dependencies: 201

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

--

COPY public.aracmodel (model_no, marka_no, model_ad) FROM stdin;

1	1	A1

2	1	A3

3	1	A4

4	1	A5

5	1	A6

6	1	A7

7	1	A8

8	2	SCALA

9	2	SUPERB

10	2	KAMIQ

11	2	KAROQ

12	2	KODIAQ

13	3	IBİZA

14	3	LEON

15	3	ARONA

16	3	ATECA

17	4	S90

18	4	XC40

19	4	XC60

20	4	XC90

21	5	POLO

22	5	GOLF
26	5	TOUAREG
27	6	CADDY
28	6	TRANSPORTER
29	6	CARAVELLE
30	6	AMAROK
31	6	CRAFTER
23	5	PASSAT
24	5	T-ROC
25	5	TİGUAN
32	7	TGE
33	8	MİCRA
34	8	QASHQAI
35	8	X-TRAIL
36	8	NAVARA
\.

--
-- TOC entry 3138 (class 0 OID 32942)
-- Dependencies: 200
-- Data for Name: aractur; Type: TABLE DATA; Schema: public; Owner: postgres
--

COPY public.aractur (arac_tur_no, arac_tur_ad) FROM stdin;
21	Sedan
22	Hatchback 5 Kapı
23	Hatchback 3 Kapı
25	Crossover
26	Station Wagon

27	MPV

28	SUV

29	PİCK-UP

30	Minivan-Panelvan-Minibüs

24	Cabrio

\.

--

-- TOC entry 3140 (class 0 OID 32961)

-- Dependencies: 202

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

--

COPY public.aracyakit (yakit_no, yakit_ad) FROM stdin;

1	Benzin

2	Dizel

3	Elektrik

4	Hybrid

6	Benzin/Lpg

\.

--

-- TOC entry 3144 (class 0 OID 33021)

-- Dependencies: 206

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

--

COPY public.bayi (id, arac_no, stok_no, satislar_no, personel_id, randevu_no, sehir, bayi_bolge_no, bayi_bolge_ad, bayi_ad) FROM stdin;

1 10 8 51 2 1 BURSA 1 MARMARA SERTEPE

2 19 14 52 5 2 İZMİR 3 EGE OTOKOÇ

\.

--

-- TOC entry 3150 (class 0 OID 33195)

-- Dependencies: 212

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

--

COPY public.danisman (personel_id, ad, soyad, personel_tip_no, personel_tip_ad, ucret, firma_no, danisman_no) FROM stdin;

2 ALİ AYHAN 1 DANIŞMAN 5.500 560 1234

\.

--

-- TOC entry 3153 (class 0 OID 41622)

-- Dependencies: 215

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

--

COPY public.danismanlikfirmasi (firma_no, firma_ad, firma_adres) FROM stdin;

560 DEFGĞHIi İSTANBUL CADDESİ NO: 61 AKYOL İŞ HANI YALOVA/MERKEZ

\.

--

-- TOC entry 3152 (class 0 OID 41586)

-- Dependencies: 214

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

--

COPY public.gelirgider (id, aylikgelir, yillikgelir, aylikgider, yillikgider, ayliknetkar, yilliknetkar) FROM stdin;

11	5430000	65160000	708000	8496000	4722000	56664000
12	600000	7200000	347000	4164000	253000	3036000
13	540000	6480000	138000	1656000	402000	4824000
14	2070000	24840000	548000	6576000	1522000	18264000
15	2210000	26520000	26000	312000	2184000	26208000
16	1260000	15120000	40000	480000	1220000	14640000
17	9410000	112920000	402000	4824000	9008000	108096000
18	7320000	87840000	495000	5940000	6825000	81900000
19	9610000	115320000	76000	912000	9534000	114408000
20	9620000	115440000	299000	3588000	9321000	111852000
21	2900000	34800000	86000	1032000	2814000	33768000

\.

--

-- TOC entry 3148 (class 0 OID 33185)

-- Dependencies: 210

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

--

COPY public.kadrolu (personel_id, ad, soyad, personel_tip_no, personel_tip_ad, ucret, kadro_no) FROM stdin;

3	KADİR	AKY	2	KADROLU	7.500	2345
4	ÖMER	AKY	2	KADROLU	8.000	2346
6	AYSE	AKY	2	KADROLU	8.500	2348

5 HACER AKYOL 2 KADROLU 9.000 2347

\.

--

-- TOC entry 3147 (class 0 OID 33180)

-- Dependencies: 209

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

--

COPY public.personel (personel_id, ad, soyad, personel_tip_no, personel_tip_ad, ucret) FROM stdin;

\.

--

-- TOC entry 3156 (class 0 OID 41844)

-- Dependencies: 218

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

--

COPY public.randevu (randevu_no, arac_no, marka_ad, model_ad, ad, soyad, telefon_numarasi) FROM stdin;

\.

--

-- TOC entry 3145 (class 0 OID 33059)

-- Dependencies: 207

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

--

COPY public.satislar (satislar_no, arac_no, arac_tur_ad, marka_ad, model_ad, arac_fiyat, satilan_arac_model_adet, toplam_satis_tutar, gelir_gider_id) FROM stdin;

51 10 SUV SKODA KAMIQ 307900 5 1539500 15

52 19 SUV VOLVO XC60 779350 8 6234800 14

53 33 Hatchback 5 Kapı NİSSAN MİCRA 193600 20 3872000 13

54 31 Minivan-Panelvan-Minibüs VOLKSWAGEN TİCARİ CRAFTER 340000 11 3740000 12

55 36 PİCK-UP NİSSAN NAVARA 290400 9 2613600 11

\.

--

-- TOC entry 3143 (class 0 OID 33011)

-- Dependencies: 205

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

--

COPY public.servis (servis_no, arac_no, marka_ad, arac_tur_ad, model, renk, yakit_ad, plaka, arac_km_bilgisi, model_yili, servis_ucret_tip_no, servis_ucret_tip_ad, servis_ucret, hasar_kaydi_orani) FROM stdin;

1 10 SKODA SUV KAMIQ BEYAZ BENZİN 77AAP761 18000 2020 2 SKODA UCRET 1750 2

2 19 VOLKSWAGEN BİNEK Hatchback 5 Kapı POLO KIRMIZI DİZEL 77AS061 101987 2016 5 VW BİNEK UCRET 1895 10

45 45 ADA as asd asas dasds dsadas 123444 2132 2 addsa 1234 2

\.

--

-- TOC entry 3157 (class 0 OID 41849)

-- Dependencies: 219

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

--

COPY public.servisrandevu (randevu_no, arac_no, marka_ad, model_ad, ad, soyad, telefon_numarasi, arac_plaka, servis_randevu_tarih) FROM stdin;

1 10 SKODA KAMIQ ADEMAYHAN +905343895771 77AAP761 2021-03-06 11:47:16.48

2 19 VOLVO XC60 KADİR AKY +905343895772 77AAB361 2021-06-25 02:01:34.21

\.

--

-- TOC entry 3159 (class 0 OID 41917)

-- Dependencies: 221

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

--

COPY public.soyaddegisikligiizle (personel_id, eski_soyad, yeni_soyad, degisiklik_tarihi) FROM stdin;

45 asdf afsasf 2020-12-25 15:30:02.217551

\.

--

-- TOC entry 3149 (class 0 OID 33190)

-- Dependencies: 211

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

--

COPY public.sozlesmeli (personel_id, ad, soyad, personel_tip_no, personel_tip_ad, ucret, sozlesme_no) FROM stdin;

1 AHMET ALAN 3 SÖZLEŞMELİ 4.000 895220

\.

--

-- TOC entry 3142 (class 0 OID 32995)

-- Dependencies: 204

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

--

COPY public.stok (stok_no, arac_no, arac_tur_ad, marka_ad, model_ad, vites_tipi, model_yili, stok_miktari, arac_fiyat, stok_guncelleme_tarihi) FROM stdin;

1 2 22 AUDİ A3 OTOMATİK 2020 2 438.560 2020-12-04

2 3 24 AUDİ A4 OTOMATİK 2020 6 891.103 2020-12-04

3 4 21 AUDİ A6 OTOMATİK 2020 6 1.070.168 2020-12-12

4 5 22 AUDİ A7 OTOMATİK 2020 2 1.774.051 2020-12-12

5 6 21 AUDİ A8 OTOMATİK 2020 2 2.959.715 2020-12-12

6 8 22 SKODA SCALA OTOMATİK 2020 20 224.900 2020-12-12

7 9 21 SKODA SUPERB OTOMATİK 2020 10 364.900 2020-11-14

8 10 28 SKODA KAMIQ OTOMATİK 2020 25 307.900 2020-11-14

9 11 28 SKODA KAROQ OTOMATİK 2020 5 388.400 2020-11-14

10 12 28 SKODA KODIAQ OTOMATİK 2020 1 889.900 2020-11-14

11 13 22 SEAT IBİZA MANUEL 2020 11 161.500 2020-08-27

12 15 28 SEAT ARONA OTOMATİK 2020 9 231.000 2020-11-14

13 16 28 SEAT ATECA OTOMATİK 2020 7 355.000 2020-12-14

14 19 28 VOLVO XC60 OTOMATİK 2020 4 779.350 2020-11-14

15 21 22 VOLKSWAGEN POLO OTOMATİK 2020 10 190.200 2020-10-14

16 23 21 VOLKSWAGEN PASSAT OTOMATİK 2020 16 348.500 2020-12-14

17 24 28 VOLKSWAGEN T-ROC OTOMATİK 2020 8 387.500 2020-12-14

18 25 28 VOLKSWAGEN TİGUAN OTOMATİK 2020 30 435.000 2020-11-14

19 28 30 VOLKSWAGEN TİCARİ TRANSPORTER MANUEL 2020 4 239.000 2020-11-14

20 31 30 VOLKSWAGEN TİCARİ CRAFTER MANUEL 2020 3 340.000 2020-12-14

21 33 22 NİSSAN MİCRA OTOMATİK 2020 21 193.600 2020-10-14

22 35 28 NİSSAN X-TRAIL OTOMATİK 2020 18 406.900 2020-12-14

\.

--

-- TOC entry 3158 (class 0 OID 41854)

-- Dependencies: 220

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

--

COPY public.testsurusrandevu (randevu_no, arac_no, marka_ad, model_ad, ad, soyad, telefon_numarasi, test_arac_plaka, test_surus_randevu_tarih) FROM stdin;

11 21 VOLKSWAGEN BİNEK POLO ELİF AKY +905343895773 77AKY001 2020-12-15 11:00:00

12 33 NİSSAN MİCRA BETÜL AKY +905343895774 77AKY017 2020-12-15 14:00:00

\.

--

-- TOC entry 3160 (class 0 OID 41963)

-- Dependencies: 222

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

--

COPY public.ykt_dgsk_izle (eski_yakit_ad, yeni_yakit_ad, guncelleme_tarihi, yakit_no) FROM stdin;

\.

--

-- TOC entry 3168 (class 0 OID 0)

-- Dependencies: 216

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

--

SELECT pg_catalog.setval('public."Satislar_satislarNo_seq"', 55, true);

--

-- TOC entry 3169 (class 0 OID 0)

-- Dependencies: 213

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

--

SELECT pg_catalog.setval('public."gelirgider_ID_seq"', 21, true);

--

```
-- TOC entry 2968 (class 2606 OID 33137)
-- Name: aracmarka AracMarka_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.aracmarka
    ADD CONSTRAINT "AracMarka_pkey" PRIMARY KEY (marka_no);


--
-- TOC entry 2945 (class 2606 OID 32960)
-- Name: aracmodel AracModel_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.aracmodel
    ADD CONSTRAINT "AracModel_pkey" PRIMARY KEY (model_no);


--
-- TOC entry 2943 (class 2606 OID 32946)
-- Name: aractur AracTur_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.aractur
    ADD CONSTRAINT "AracTur_pkey" PRIMARY KEY (arac_tur_no);


--
-- TOC entry 2947 (class 2606 OID 32965)
-- Name: aracyakit AracYakit_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
```

```
--

ALTER TABLE ONLY public.aracyakit
    ADD CONSTRAINT "AracYakit_pkey" PRIMARY KEY (yakit_no);



--
-- TOC entry 2949 (class 2606 OID 32970)
-- Name: arac Arac_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.arac
    ADD CONSTRAINT "Arac_pkey" PRIMARY KEY (arac_no);



--
-- TOC entry 2960 (class 2606 OID 33025)
-- Name: bayi Bayi_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.bayi
    ADD CONSTRAINT "Bayi_pkey" PRIMARY KEY (id);



--
-- TOC entry 2976 (class 2606 OID 33199)
-- Name: danisman Danisman_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.danisman
```

```
    ADD CONSTRAINT "Danisman_pkey" PRIMARY KEY (personel_id);


--
-- TOC entry 2972 (class 2606 OID 33189)
-- Name: kadrolu Kadrolu_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.kadrolu
    ADD CONSTRAINT "Kadrolu_pkey" PRIMARY KEY (personel_id);


--
-- TOC entry 2970 (class 2606 OID 33184)
-- Name: personel Personel_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.personel
    ADD CONSTRAINT "Personel_pkey" PRIMARY KEY (personel_id);


--
-- TOC entry 2983 (class 2606 OID 41848)
-- Name: randevu Randevuu_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.randevu
    ADD CONSTRAINT "Randevuu_pkey" PRIMARY KEY (randevu_no);
```

```
--
-- TOC entry 2966 (class 2606 OID 41667)
-- Name: satislar Satislar_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.satislar
    ADD CONSTRAINT "Satislar_pkey" PRIMARY KEY (satislar_no);


--
-- TOC entry 2985 (class 2606 OID 41853)
-- Name: servisrandevu ServisRandevu_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.servisrandevu
    ADD CONSTRAINT "ServisRandevu_pkey" PRIMARY KEY (randevu_no);


--
-- TOC entry 2958 (class 2606 OID 33015)
-- Name: servis Servis_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.servis
    ADD CONSTRAINT "Servis_pkey" PRIMARY KEY (servis_no);


--
-- TOC entry 2974 (class 2606 OID 33194)
```

-- Name: sozlesmeli Sozlesmeli_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.sozlesmeli

    ADD CONSTRAINT "Sozlesmeli_pkey" PRIMARY KEY (personel_id);

--

-- TOC entry 2955 (class 2606 OID 32999)

-- Name: stok Stok_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.stok

    ADD CONSTRAINT "Stok_pkey" PRIMARY KEY (stok_no);

--

-- TOC entry 2987 (class 2606 OID 41858)

-- Name: testsurusrandevu TestSurusRandevu_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.testsurusrandevu

    ADD CONSTRAINT "TestSurusRandevu_pkey" PRIMARY KEY (randevu_no);

--

-- TOC entry 2981 (class 2606 OID 41626)

-- Name: danismanlikfirmasi danismanlikfirmasi_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres

--

```
ALTER TABLE ONLY public.danismanlikfirmasi
    ADD CONSTRAINT danismanlikfirmasi_pkey PRIMARY KEY (firma_no);


--
-- TOC entry 2979 (class 2606 OID 41591)
-- Name: gelirgider gelirgider_pkey; Type: CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.gelirgider
    ADD CONSTRAINT gelirgider_pkey PRIMARY KEY (id);


--
-- TOC entry 2956 (class 1259 OID 33005)
-- Name: fki_aracNo; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX "fki_aracNo" ON public.stok USING btree (arac_no);


--
-- TOC entry 2977 (class 1259 OID 33207)
-- Name: fki_firmaNo; Type: INDEX; Schema: public; Owner: postgres
--

CREATE INDEX "fki_firmaNo" ON public.danisman USING btree (firma_no);
```

--

-- TOC entry 2950 (class 1259 OID 32988)

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

--

CREATE INDEX "fki_markaNo" ON public.arac USING btree (marka_no);

--

-- TOC entry 2951 (class 1259 OID 32994)

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

--

CREATE INDEX "fki_modelNo" ON public.arac USING btree (model_no);

--

-- TOC entry 2961 (class 1259 OID 41724)

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

--

CREATE INDEX "fki_personelID" ON public.bayi USING btree (personel_id);

--

-- TOC entry 2962 (class 1259 OID 41718)

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

--

CREATE INDEX "fki_satislarNo" ON public.bayi USING btree (satislar_no);

--

-- TOC entry 2963 (class 1259 OID 33042)

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

--

CREATE INDEX "fki_servisNo" ON public.bayi USING btree (randevu_no);

--

-- TOC entry 2964 (class 1259 OID 33036)

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

--

CREATE INDEX "fki_stokNo" ON public.bayi USING btree (stok_no);

--

-- TOC entry 2952 (class 1259 OID 32976)

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

--

CREATE INDEX "fki_turNo" ON public.arac USING btree (arac_tur_no);

--

-- TOC entry 2953 (class 1259 OID 32982)

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

--

```
CREATE INDEX "fki_yakitNo" ON public.arac USING btree (yakit_no);


--
-- TOC entry 3005 (class 2620 OID 41826)
-- Name: arac aracyildegistiginde; Type: TRIGGER; Schema: public; Owner: postgres
--

CREATE TRIGGER aracyildegistiginde BEFORE UPDATE ON public.arac FOR EACH
ROW EXECUTE FUNCTION public.modelyildegisikligi();


--
-- TOC entry 3006 (class 2620 OID 41843)
-- Name: aracmarka markakayitkontrol; Type: TRIGGER; Schema: public; Owner: postgres
--

CREATE TRIGGER markakayitkontrol BEFORE INSERT OR UPDATE ON
public.aracmarka FOR EACH ROW EXECUTE FUNCTION public.marka_ekle();


--
-- TOC entry 3007 (class 2620 OID 41921)
-- Name: kadrolu soyadDegistiginde; Type: TRIGGER; Schema: public; Owner: postgres
--

CREATE TRIGGER "soyadDegistiginde" BEFORE UPDATE ON public.kadrolu FOR
EACH ROW EXECUTE FUNCTION public.soyad_degisikligi();


--
```

-- TOC entry 3004 (class 2620 OID 41967)

-- Name: aracyakit turDegistiginde; Type: TRIGGER; Schema: public; Owner: postgres

--

CREATE TRIGGER "turDegistiginde" BEFORE UPDATE ON public.aracyakit FOR EACH ROW EXECUTE FUNCTION public."yktDgsk"();

--

-- TOC entry 2993 (class 2606 OID 33000)

-- Name: stok aracNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.stok

    ADD CONSTRAINT "aracNo" FOREIGN KEY (arac_no) REFERENCES public.arac(arac_no) NOT VALID;

--

-- TOC entry 2994 (class 2606 OID 33016)

-- Name: servis aracNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.servis

    ADD CONSTRAINT "aracNo" FOREIGN KEY (arac_no) REFERENCES public.arac(arac_no) NOT VALID;

--

-- TOC entry 3000 (class 2606 OID 41661)

-- Name: satislar aracNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

```
ALTER TABLE ONLY public.satislar
    ADD CONSTRAINT "aracNo" FOREIGN KEY (arac_no) REFERENCES public.arac(arac_no) NOT VALID;


--
-- TOC entry 2995 (class 2606 OID 41703)
-- Name: bayi aracNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.bayi
    ADD CONSTRAINT "aracNo" FOREIGN KEY (arac_no) REFERENCES public.arac(arac_no) NOT VALID;


--
-- TOC entry 3003 (class 2606 OID 41983)
-- Name: randevu aracNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.randevu
    ADD CONSTRAINT "aracNo" FOREIGN KEY (arac_no) REFERENCES public.arac(arac_no) NOT VALID;


--
-- TOC entry 2990 (class 2606 OID 33006)
-- Name: arac aracTurNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres
--

ALTER TABLE ONLY public.arac
```

```
    ADD CONSTRAINT "aracTurNo" FOREIGN KEY (arac_tur_no) REFERENCES
public.aractur(arac_tur_no) NOT VALID;



--

-- TOC entry 3002 (class 2606 OID 41629)

-- Name: danisman firmaNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.danisman

    ADD CONSTRAINT "firmaNo" FOREIGN KEY (firma_no) REFERENCES
public.danismanlikfirmasi(firma_no) NOT VALID;



--

-- TOC entry 3001 (class 2606 OID 41698)

-- Name: satislar gelirGiderID; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.satislar

    ADD CONSTRAINT "gelirGiderID" FOREIGN KEY (gelir_gider_id) REFERENCES
public.gelirgider(id) NOT VALID;



--

-- TOC entry 2988 (class 2606 OID 33138)

-- Name: aracmodel markaNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.aracmodel

    ADD CONSTRAINT "markaNo" FOREIGN KEY (marka_no) REFERENCES
public.aracmarka(marka_no) NOT VALID;
```

--

-- TOC entry 2991 (class 2606 OID 41730)

-- Name: arac markaNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.arac

    ADD CONSTRAINT "markaNo" FOREIGN KEY (marka_no) REFERENCES public.aracmarka(marka_no) NOT VALID;

--

-- TOC entry 2989 (class 2606 OID 32989)

-- Name: arac modelNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.arac

    ADD CONSTRAINT "modelNo" FOREIGN KEY (model_no) REFERENCES public.aracmodel(model_no) NOT VALID;

--

-- TOC entry 2998 (class 2606 OID 41968)

-- Name: bayi personelID; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.bayi

    ADD CONSTRAINT "personelID" FOREIGN KEY (personel_id) REFERENCES public.personel(personel_id) NOT VALID;

--

-- TOC entry 2999 (class 2606 OID 41973)

-- Name: bayi randevuNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.bayi

    ADD CONSTRAINT "randevuNo" FOREIGN KEY (randevu_no) REFERENCES public.randevu(randevu_no) NOT VALID;

--

-- TOC entry 2997 (class 2606 OID 41713)

-- Name: bayi satislarNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.bayi

    ADD CONSTRAINT "satislarNo" FOREIGN KEY (satislar_no) REFERENCES public.satislar(satislar_no) NOT VALID;

--

-- TOC entry 2996 (class 2606 OID 41708)

-- Name: bayi stokNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.bayi

    ADD CONSTRAINT "stokNo" FOREIGN KEY (stok_no) REFERENCES public.stok(stok_no) NOT VALID;

--

-- TOC entry 2992 (class 2606 OID 41978)

-- Name: arac yakitNo; Type: FK CONSTRAINT; Schema: public; Owner: postgres

--

ALTER TABLE ONLY public.arac

    ADD CONSTRAINT "yakitNo" FOREIGN KEY (yakit_no) REFERENCES public.aracyakit(yakit_no) NOT VALID;

-- Completed on 2020-12-26 03:09:40

--

-- PostgreSQL database dump complete

--

SAKLI YORDAM (FUNCTİONS - 4 ADET)

```
CREATE OR REPLACE FUNCTION public.dnsmlkfrmverigir(IN sayi integer)
    RETURNS void
    LANGUAGE 'plpgsql'
    VOLATILE SECURITY DEFINER
    PARALLEL UNSAFE
    COST 100

AS $BODY$
BEGIN
    IF sayi > 0 THEN
        FOR i IN 1 .. sayi LOOP
            INSERT INTO "danismanlikfirmasi" ("firma_no","firma_ad", "firma_adres")
            VALUES(
                                    ceil(random()*1000),
                                    substring('ABCÇDEFGĞHIiJKLMNOÖPRSŞTUÜVYZ' from
ceil(random()*10)::smallint for ceil(random()*20)::SMALLINT),
                'İSTANBUL CADDESİ NO: 61 AKYOL İŞ HANI YALOVA/MERKEZ'
                );
        END LOOP;
    END IF;
END;
$BODY$;
```

```
CREATE OR REPLACE FUNCTION public.hsp(IN kayitsayisi integer)
    RETURNS void
    LANGUAGE 'plpgsql'
    VOLATILE SECURITY DEFINER
    PARALLEL UNSAFE
    COST 100


AS $BODY$
DECLARE
        aylikglr int;
        aylikgdr int;
        yillikgdr int;
        yillikglr int;
        aylikntkar int;
        yillikntkar int;
BEGIN
    IF kayitSayisi > 0 THEN
       FOR i IN 1 .. kayitSayisi LOOP
                        aylikglr =10000*ceil(random()*1000);
                        aylikgdr =1000*ceil(random()*1000);
                        yillikgdr =12*aylikgdr;
                        yillikglr =12*aylikglr;
                        aylikntkar=aylikglr-aylikgdr;
                        yillikntkar=yillikglr-yillikgdr;
        INSERT INTO "gelirgider"
("aylikgelir","aylikgider","yillikgelir","yillikgider","ayliknetkar","yilliknetkar")
        VALUES(aylikglr,aylikgdr,yillikglr,yillikgdr,aylikntkar,yillikntkar);
       END LOOP;
    END IF;
END;
$BODY$;
```

```
CREATE OR REPLACE FUNCTION public."satisHsp"()
    RETURNS void
    LANGUAGE 'plpgsql'
    VOLATILE SECURITY DEFINER
    PARALLEL UNSAFE
    COST 100

AS $BODY$
DECLARE
kmqFiyat int;
xc60Fiyat int;
micraFiyat int;
crftrFiyat int;
nvrFiyat int;
BEGIN
                    kmqFiyat=307900;
                    xc60Fiyat=779350;
                    micraFiyat=193600;
                    crftrFiyat=340000;
                    nvrFiyat=290400;
        INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(10,'SUV','SKODA','KAMIQ',kmqFiyat,5,kmqFiyat*5,15);

                    INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(19,'SUV','VOLVO','XC60',xc60Fiyat,8,xc60Fiyat*8,14);

                    INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
```

```
        VALUES(33,'Hatchback 5
Kapı','NİSSAN','MİCRA',micraFiyat,20,micraFiyat*20,13);


                    INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(31,'Minivan-Panelvan-Minibüs','VOLKSWAGEN
TİCARİ','CRAFTER',crftrFiyat,11,crftrFiyat*11,12);


                    INSERT INTO "satislar" ("arac_no",
"arac_tur_ad","marka_ad","model_ad","arac_fiyat","satilan_arac_model_adet","toplam_satis
_tutar","gelir_gider_id")
        VALUES(36,'PİCK-UP','NİSSAN','NAVARA',nvrFiyat,9,nvrFiyat*9,11);
END;
$BODY$;




CREATE OR REPLACE FUNCTION public."srvRandv"()
    RETURNS void
    LANGUAGE 'plpgsql'
    VOLATILE
    PARALLEL UNSAFE
    COST 100
```

```
AS $BODY$

BEGIN

        INSERT INTO "servisrandevu" ("randevu_no","arac_no","marka_ad",
"model_ad","ad","soyad","telefon_numarasi","servis_randevu_tarih","arac_plaka")

    VALUES(1,10,'SKODA','KAMIQ','ADEM','AYHAN','+905343895771',NOW() +
(random() * (NOW()+'365 days' - NOW())),'77AAP761');


        INSERT INTO "servisrandevu" ("randevu_no","arac_no","marka_ad",
"model_ad","ad","soyad","telefon_numarasi","servis_randevu_tarih","arac_plaka")

    VALUES(2,19,'VOLVO','XC60','KADİR','AKY','+905343895772',NOW() + (random() *
(NOW()+'365 days' - NOW())),'77AAB361');


END;

$BODY$;
```

TETİKLEYİCİ (TRIGGER - 4 ADET)

```
CREATE TRIGGER  aracyildegistiginde
BEFORE UPDATE ON public.arac
FOR EACH ROW
EXECUTE FUNCTION public.modelyildegisikligi();
```

```
CREATE TRIGGER markakayitkontrol
BEFORE INSERT OR UPDATE ON public.aracmarka
FOR EACH ROW
EXECUTE FUNCTION public.marka_ekle();
```

```
CREATE TRIGGER "soyadDegistiginde"
BEFORE UPDATE ON public.kadrolu
FOR EACH ROW
EXECUTE FUNCTION public.soyad_degisikligi();
```

```
CREATE TRIGGER "turDegistiginde"
BEFORE UPDATE ON public.aracyakit
FOR EACH ROW
EXECUTE FUNCTION public."yktDgsk"();
```

TETİKLEYİCİ FONKSİYONLARI (TRİGGER FUNCTİONS)

```
CREATE FUNCTION public."yktDgsk"() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."yakit_ad" <> OLD."yakit_ad" THEN
        INSERT INTO "ykt_dgsk_izle"( "eski_yakit_ad", "yeni_yakit_ad",
"guncelleme_tarihi","yakit_no")
        VALUES(OLD."yakit_no", OLD."yakit_ad", NEW."yakit_ad", now());
    END IF;

    RETURN NEW;
END;
$$;
```

```
CREATE FUNCTION public.soyad_degisikligi() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."soyad" <> OLD."soyad" THEN
        INSERT INTO "soyaddegisikligiizle"("personel_id", "eski_soyad",
"yeni_soyad","degisiklik_tarihi")
        VALUES(OLD."personel_id", OLD."soyad", NEW."soyad",now());
    END IF;

    RETURN NEW;
END;
$$;
```

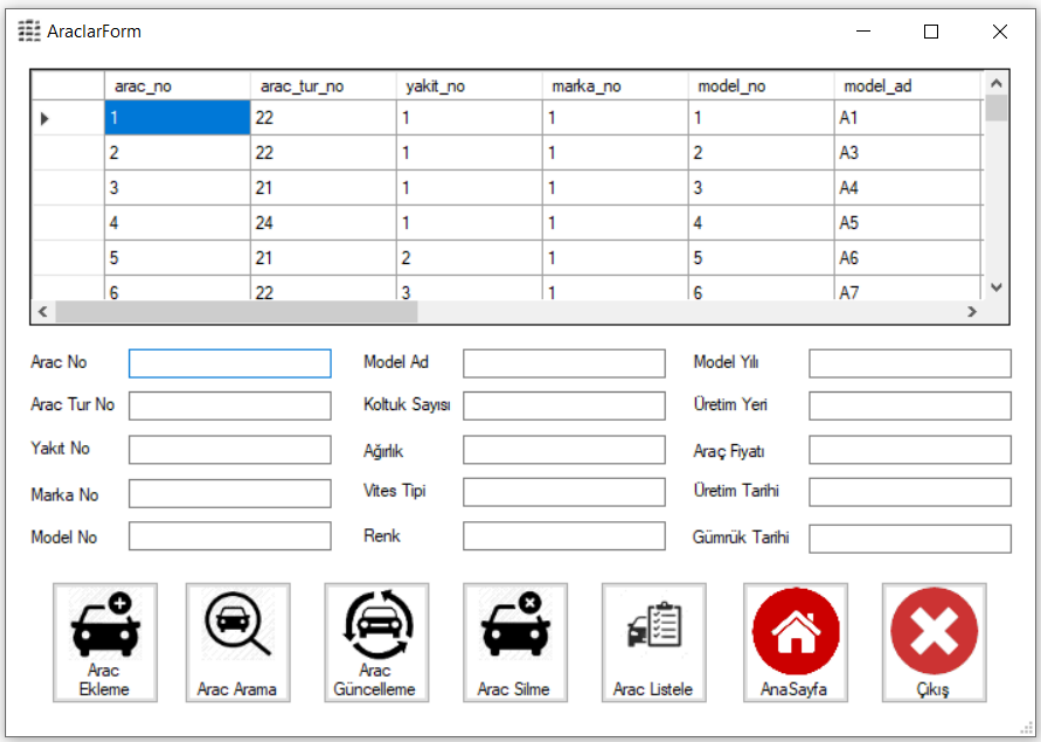
```
CREATE FUNCTION public.modelyildegisikligi() RETURNS trigger
    LANGUAGE plpgsql
    AS $$
BEGIN
    IF NEW."model_yil" <> OLD."model_yil" THEN
        INSERT INTO "aracdegisikligiizle"("arac_no", "eski_model_yil", "yeni_model_yil")
        VALUES(OLD."arac_no", OLD."model_yil", NEW."model_yil");
    END IF;

    RETURN NEW;
END;
$$;
```

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

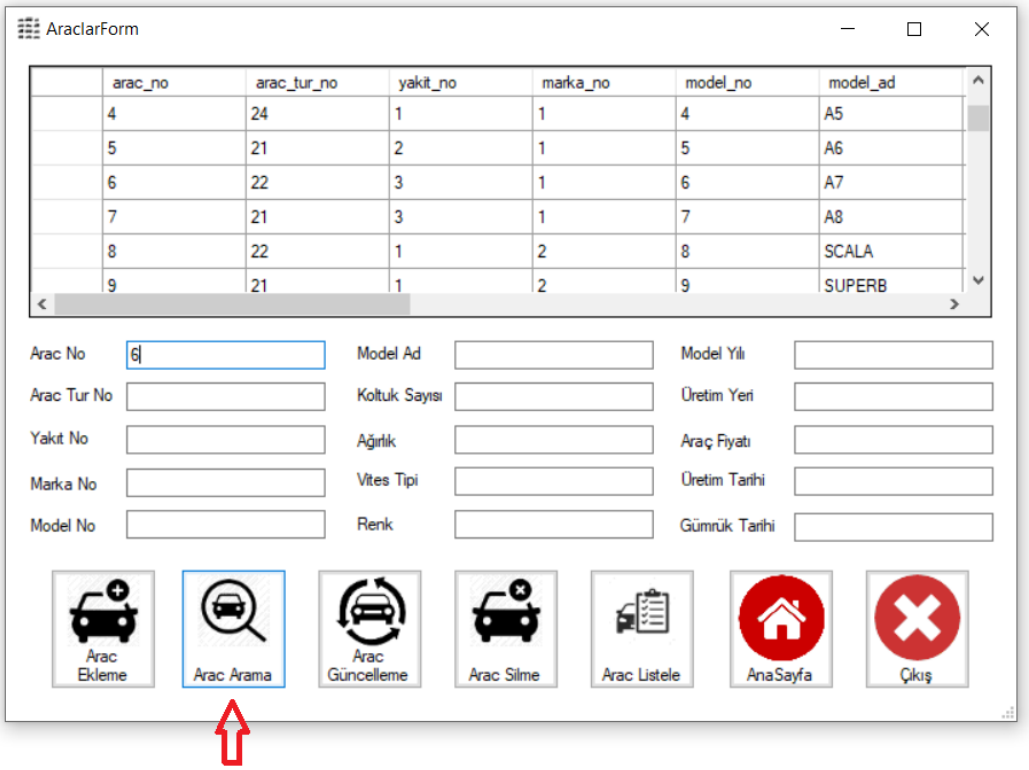
ARAMA İŞLEMİ

Arama işlemi her Formumda yapılmaktadır. Bütün arama işlemlerini video da bulabilirsiniz.

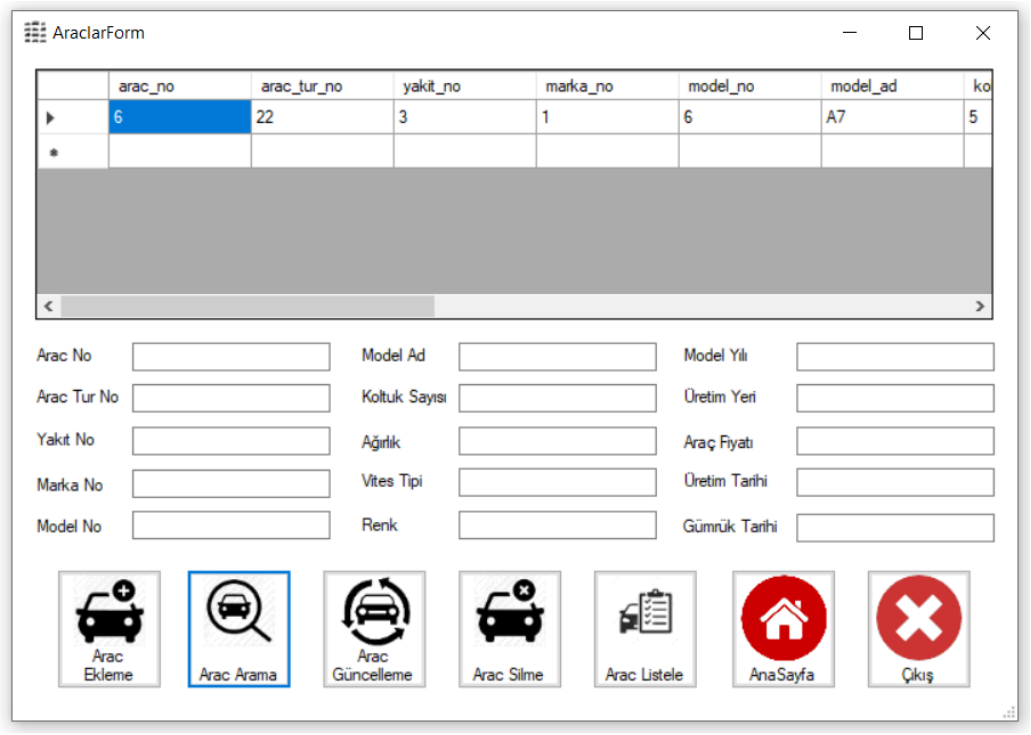
Bu Kısımda AraclarForm üzerinden Arama İşlemi Yapılacaktır.



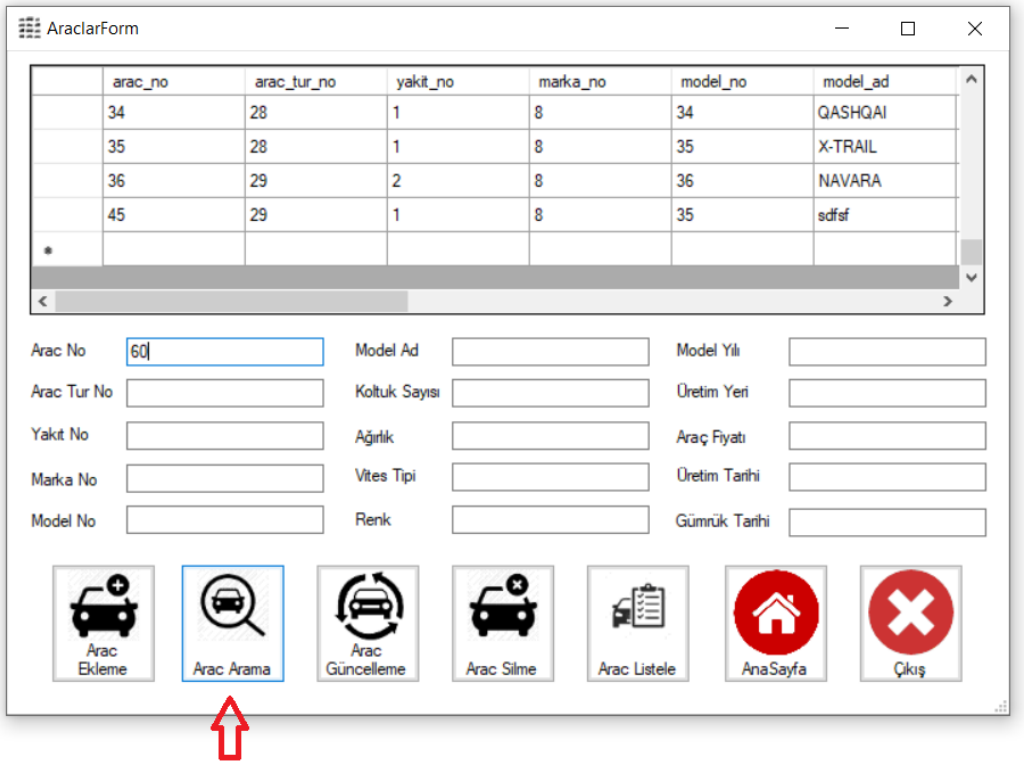
Arac No yazılıp Arama Butonuna Tıklanırsa,



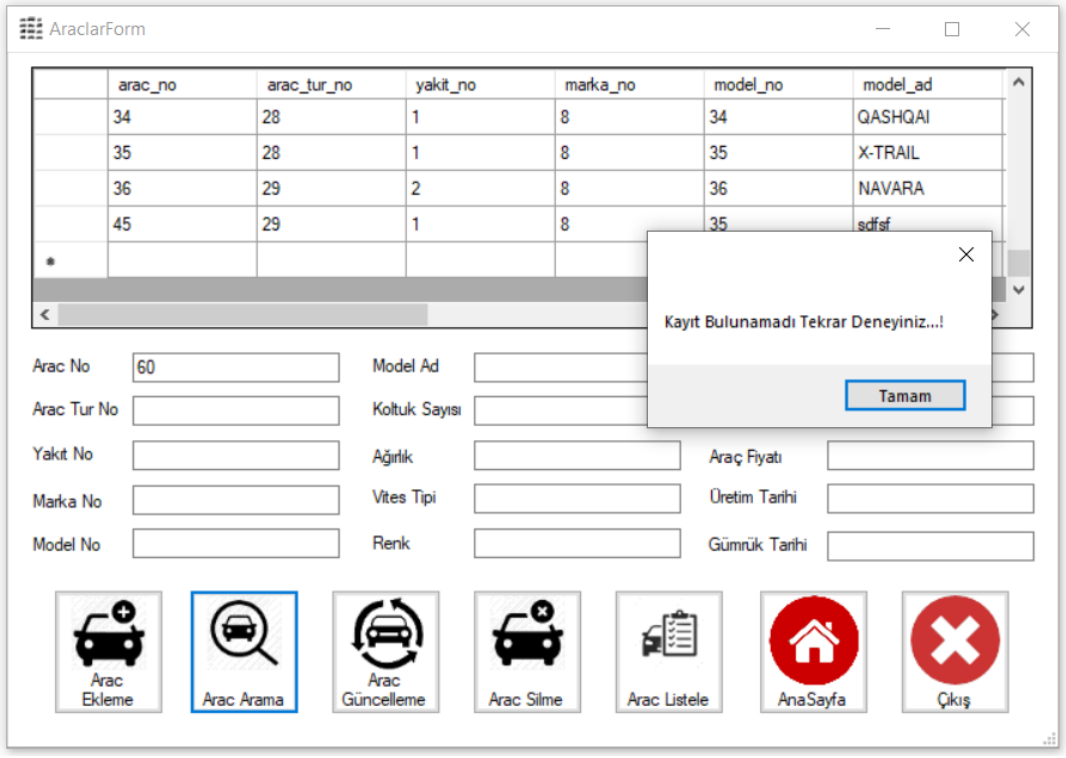
Arac No : 6 Bulundu.



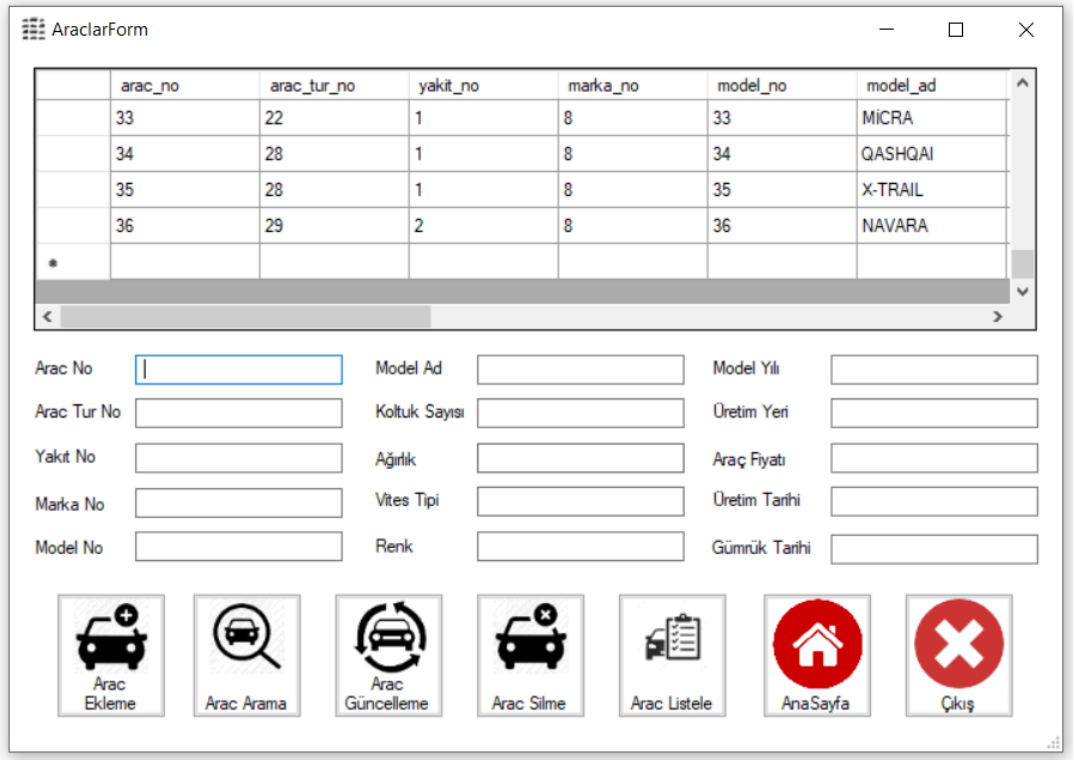
Veri Tabanımızda olmayan bir Arac No yazılıp Arama İşlemi Yapıldığında,



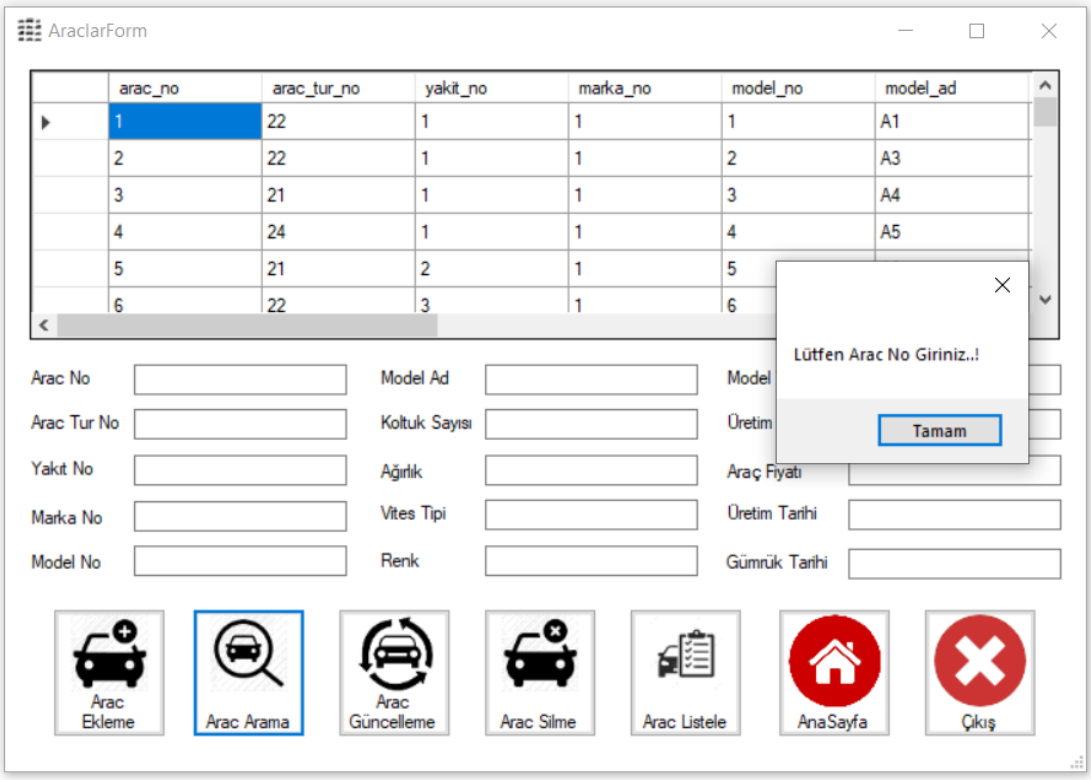
Arac : 60 Bulunamadı, Ekrana Kayıt'ın Bulunamadığına dair bir uyarı çıkar.



Eğer Arac No kısmına boşluk yada hiçbir şey yazılmaz ise,



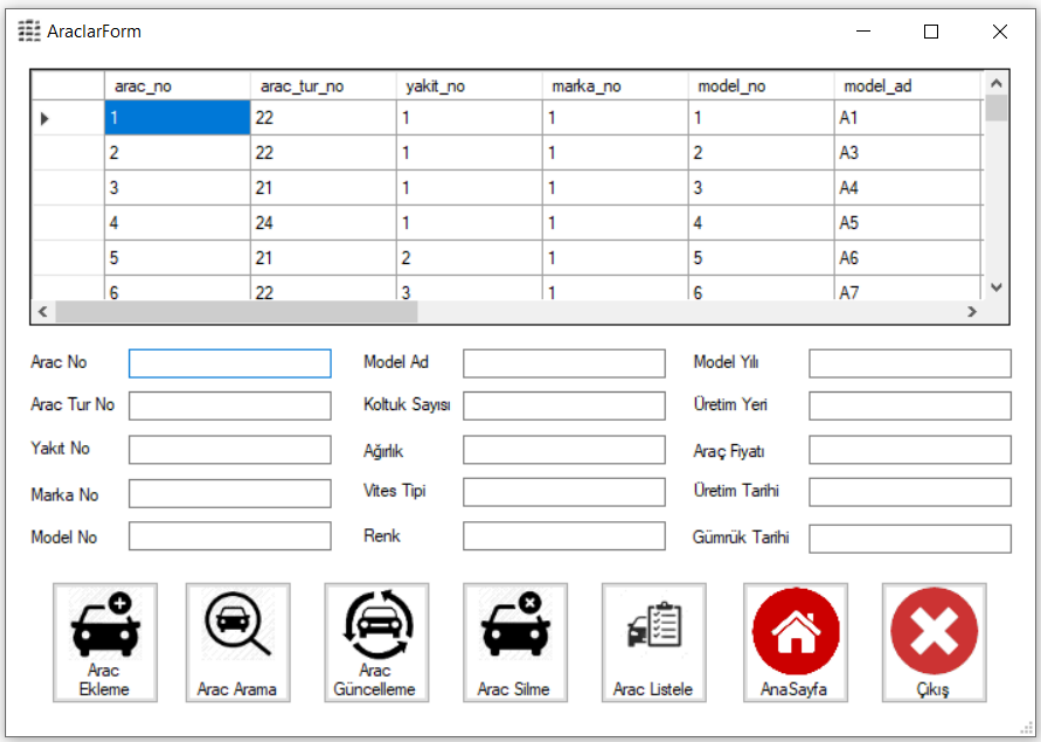
Ve Arac Arama butonuna tıklanınca, Arac No giriniz diye mesaj ekrana çıkar.



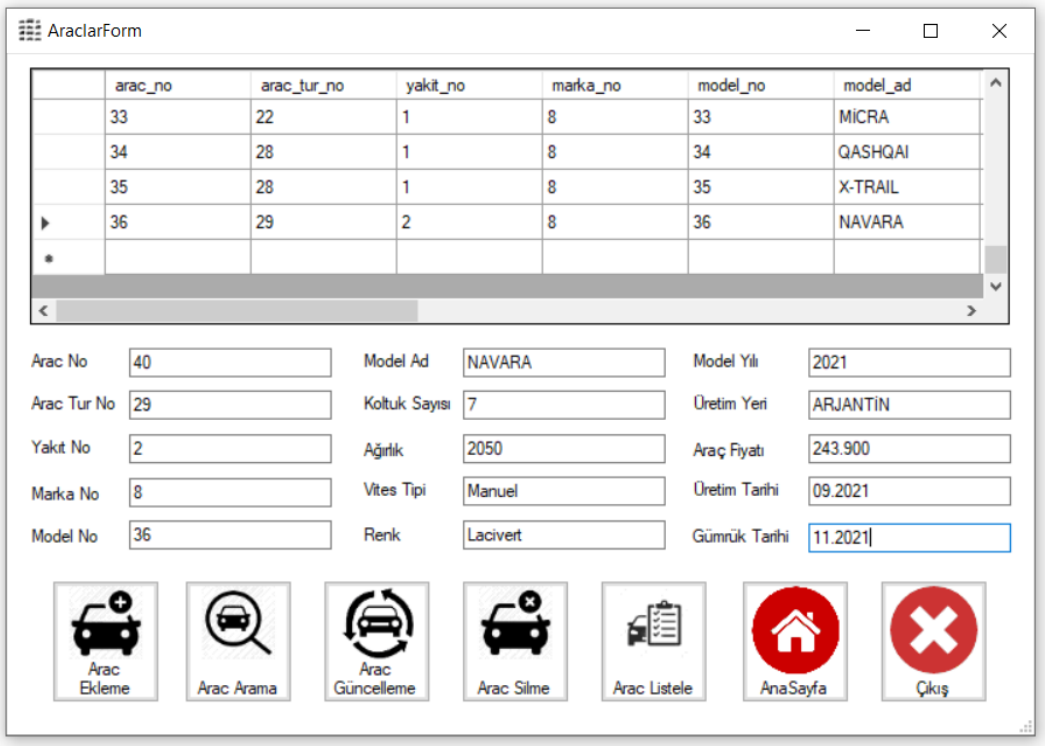
EKLEME İŞLEMİ

Ekleme işlemi her Formumda yapılmaktadır. Bütün ekleme işlemlerini video da bulabilirsiniz.

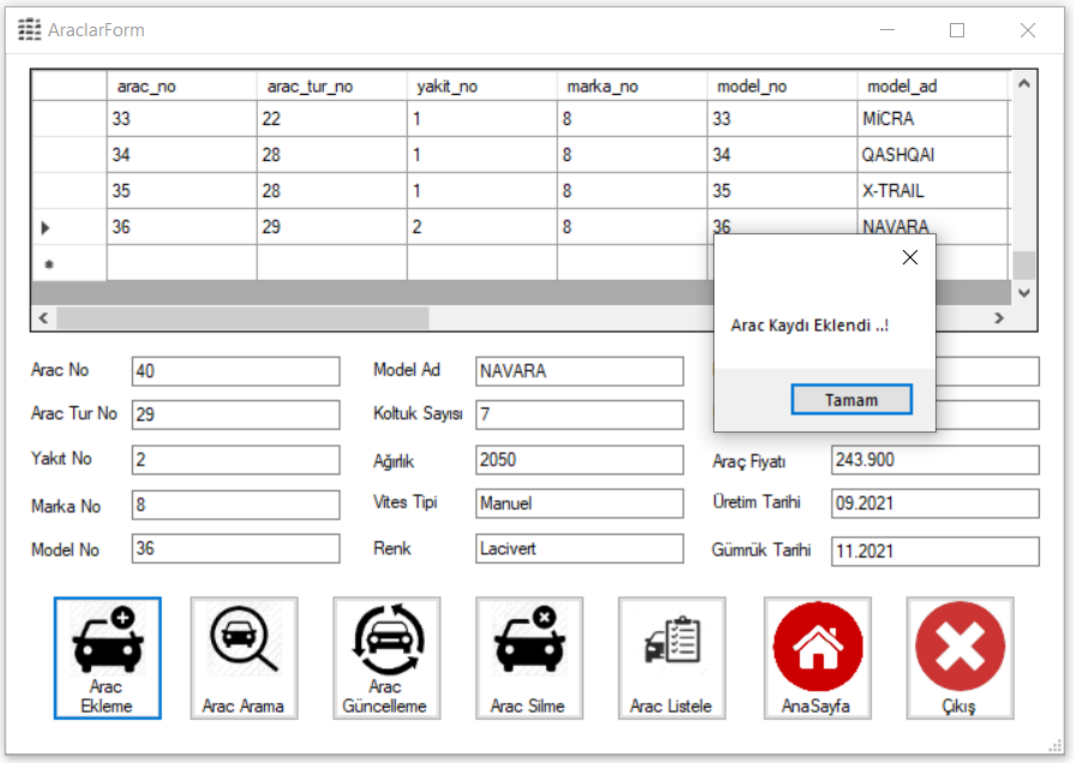
Bu Kısımda AraclarForm üzerinden Ekleme İşlemi Yapılacaktır.



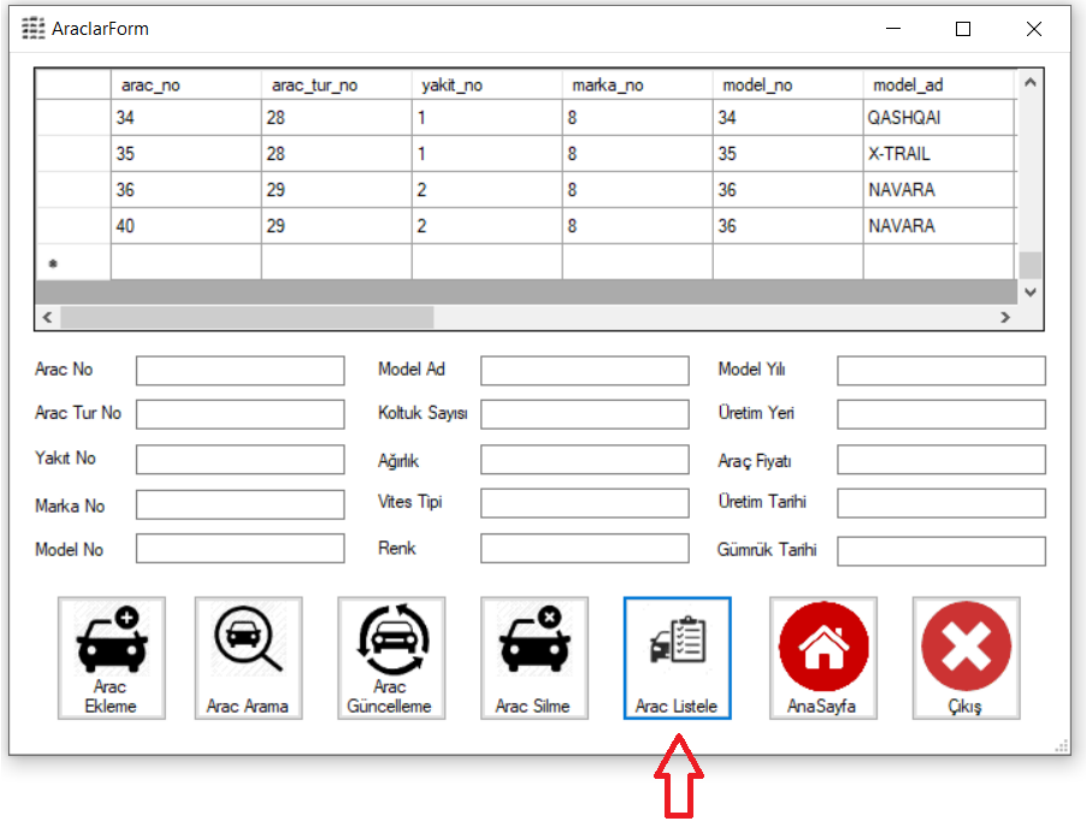
Bilgiler Doldurulup Arac Ekleme butonuna tıklandığında,

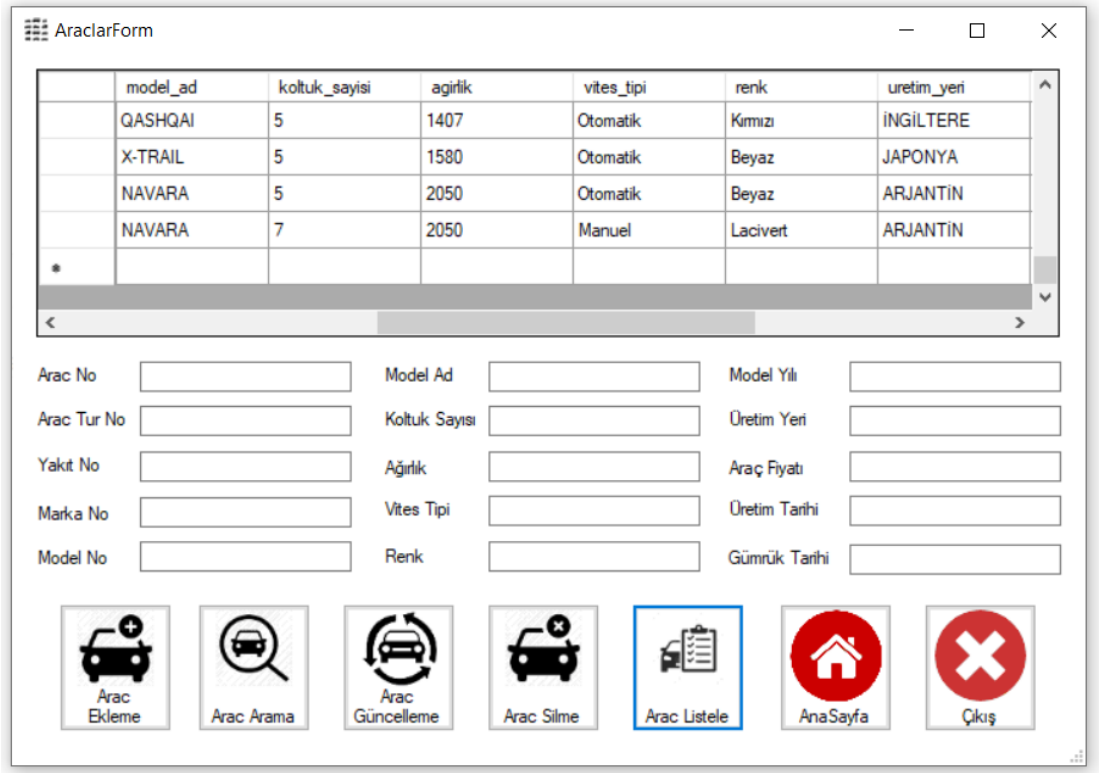


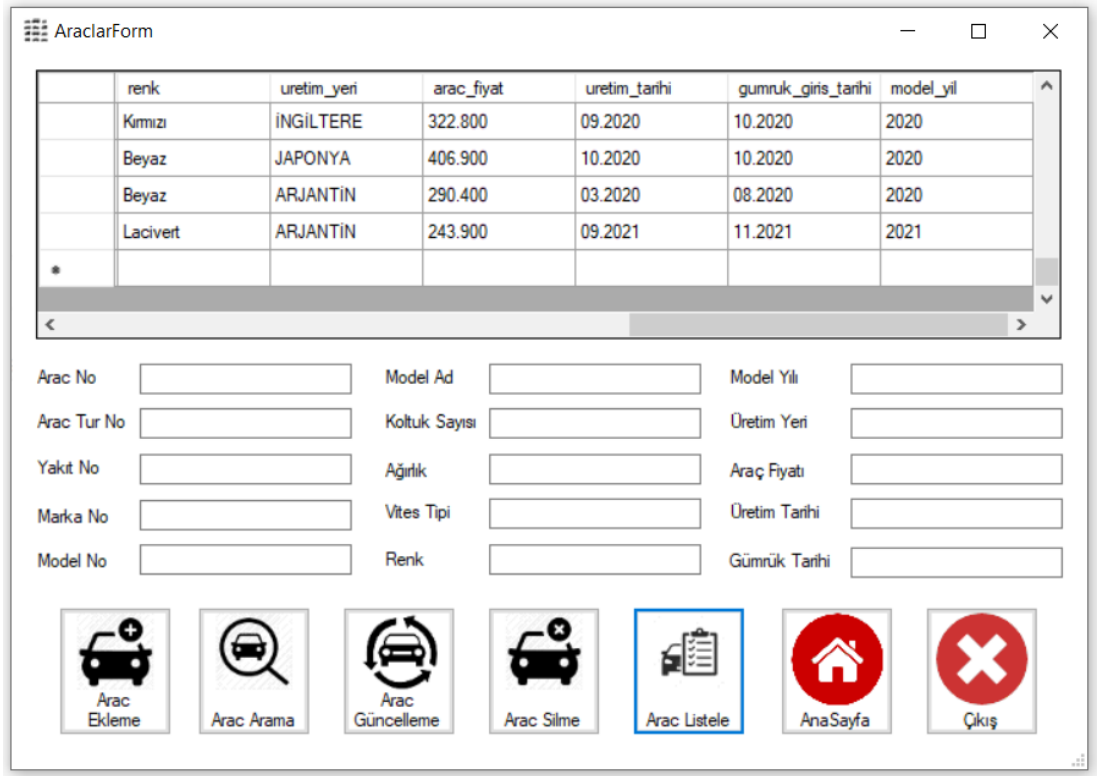
Arac Ekleme İşleminin Başarılı Olduğu ve Eklendiği ile ilgili mesaj ekrana çıkar.



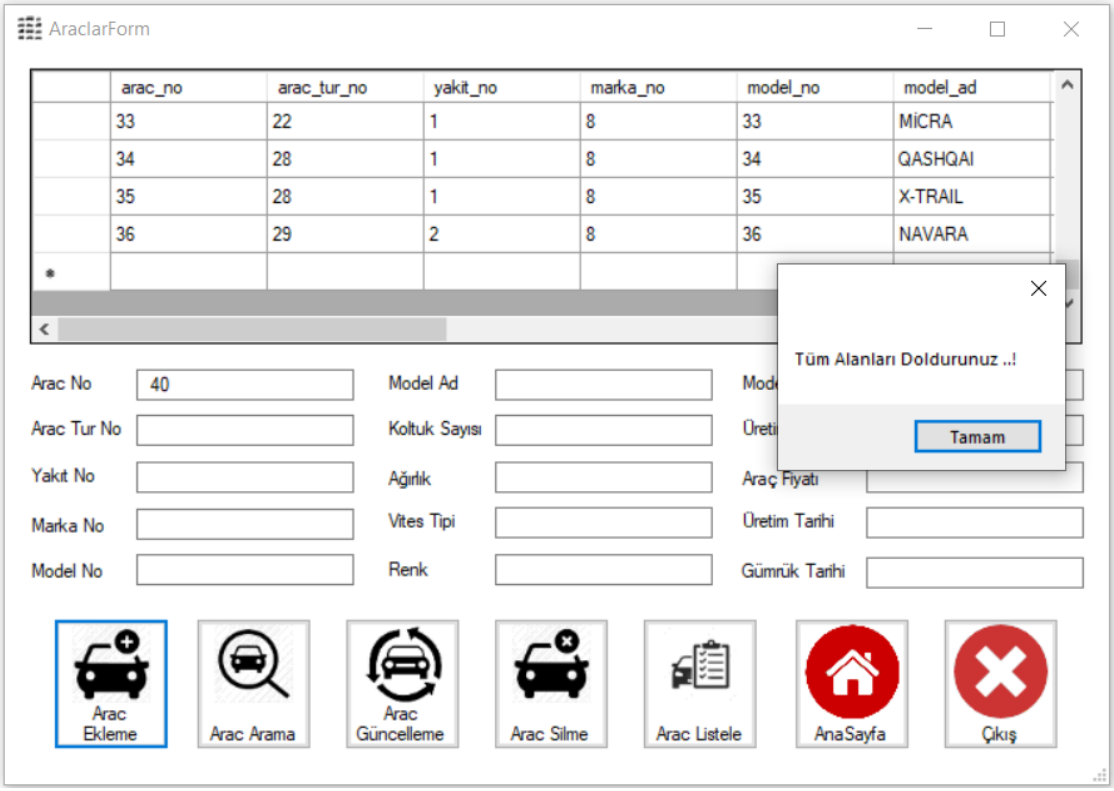
TextBoxların içi temizlenir ve Arac Listele Butonuna tıklayınca veriler aşağıdakiler gibi yenilenir.




AraclarForm
model_ad
koltuk_sayisi
agirlik
vites_tipi
renk
uretim_yeri
QASHQAI
5
1407
Otomatik
Kırmızı
İNGİLTERE
X-TRAIL
5
1580
Otomatik
Beyaz
JAPONYA
NAVARA
5
2050
Otomatik
Beyaz
ARJANTİN
NAVARA
7
2050
Manuel
Lacivert
ARJANTİN
Arac No
Arac Tur No
Yakıt No
Marka No
Model No
Model Ad
Koltuk Sayısı
Ağırlık
Vites Tipi
Renk
Model Yılı
Üretim Yeri
Araç Fiyatı
Üretim Tarihi
Gümrük Tarihi
Arac Ekleme
Arac Arama
Arac Güncelleme
Arac Silme
Arac Listele
AnaSayfa
Çıkış


AraclarForm
renk
uretim_yeri
arac_fiyat
uretim_tarihi
gumruk_giris_tarihi
model_yil
Kırmızı
İNGİLTERE
322.800
09.2020
10.2020
2020
Beyaz
JAPONYA
406.900
10.2020
10.2020
2020
Beyaz
ARJANTİN
290.400
03.2020
08.2020
2020
Lacivert
ARJANTİN
243.900
09.2021
11.2021
2021
Arac No
Arac Tur No
Yakıt No
Marka No
Model No
Model Ad
Koltuk Sayısı
Ağırlık
Vites Tipi
Renk
Model Yılı
Üretim Yeri
Araç Fiyatı
Üretim Tarihi
Gümrük Tarihi
Arac Ekleme
Arac Arama
Arac Güncelleme
Arac Silme
Arac Listele
AnaSayfa
Çıkış

Boş bir TextBox bırakılırsa ekrana tüm alanları doldurunuz diye mesaj çıkar.

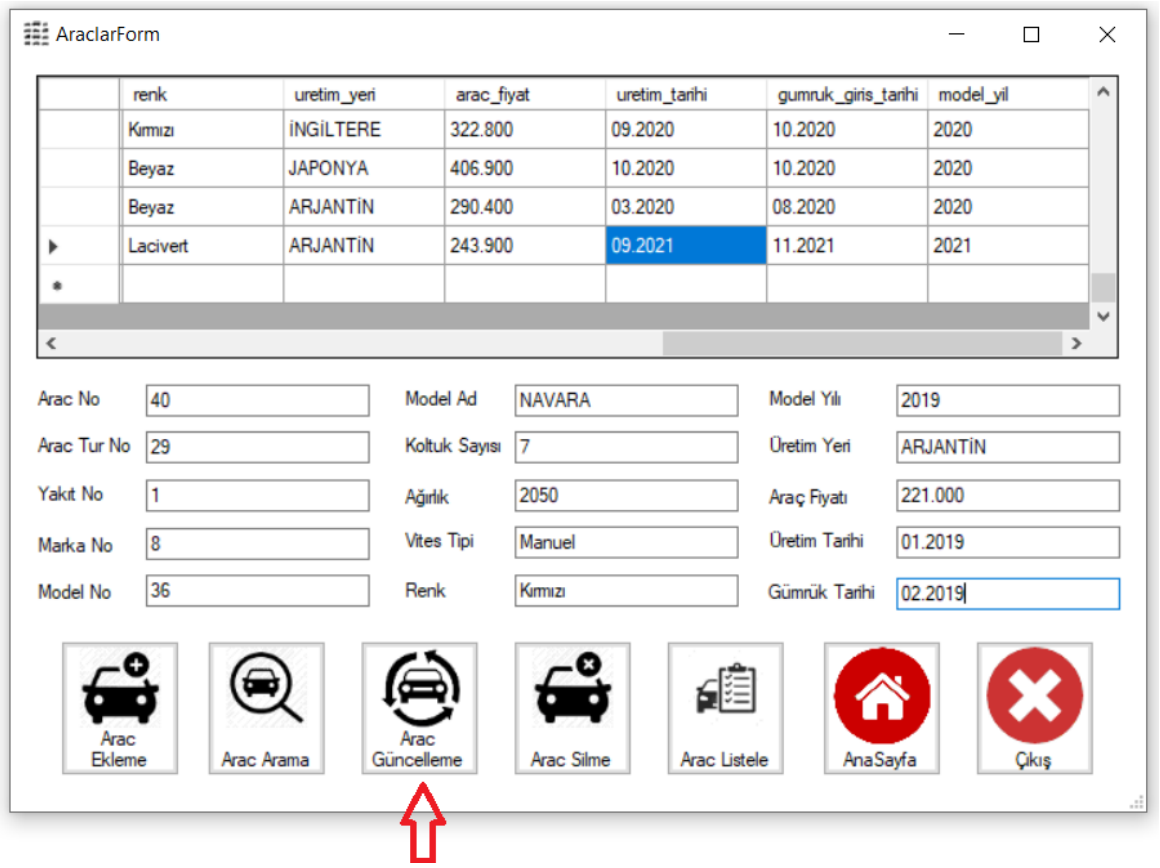


GÜNCELLEME İŞLEMİ

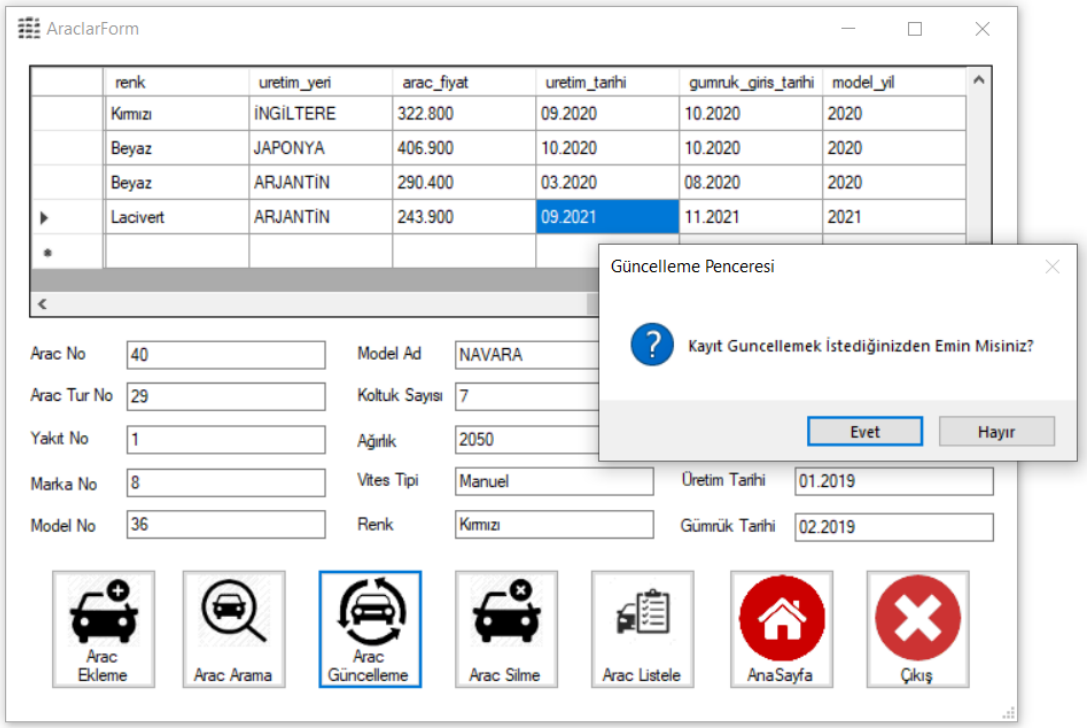
Güncelleme işlemi her Formumda yapılmaktadır. Bütün güncelleme işlemlerini video da bulabilirsiniz.

Bu Kısımda AraclarForm üzerinden Güncelleme İşlemi Yapılacaktır.

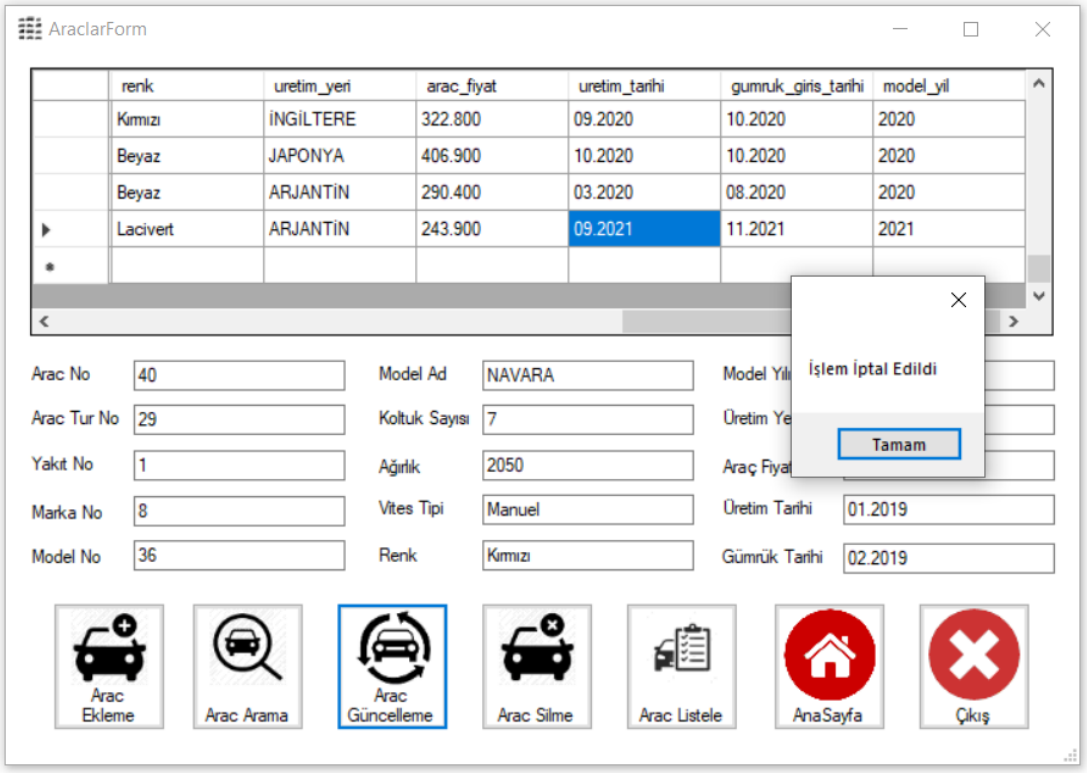
Bilgilerde değişiklik yapılıp değişiklik yapılmayanlarla birlikte yazılırsa ve Arac Guncelleme butonuna tıklayınca,



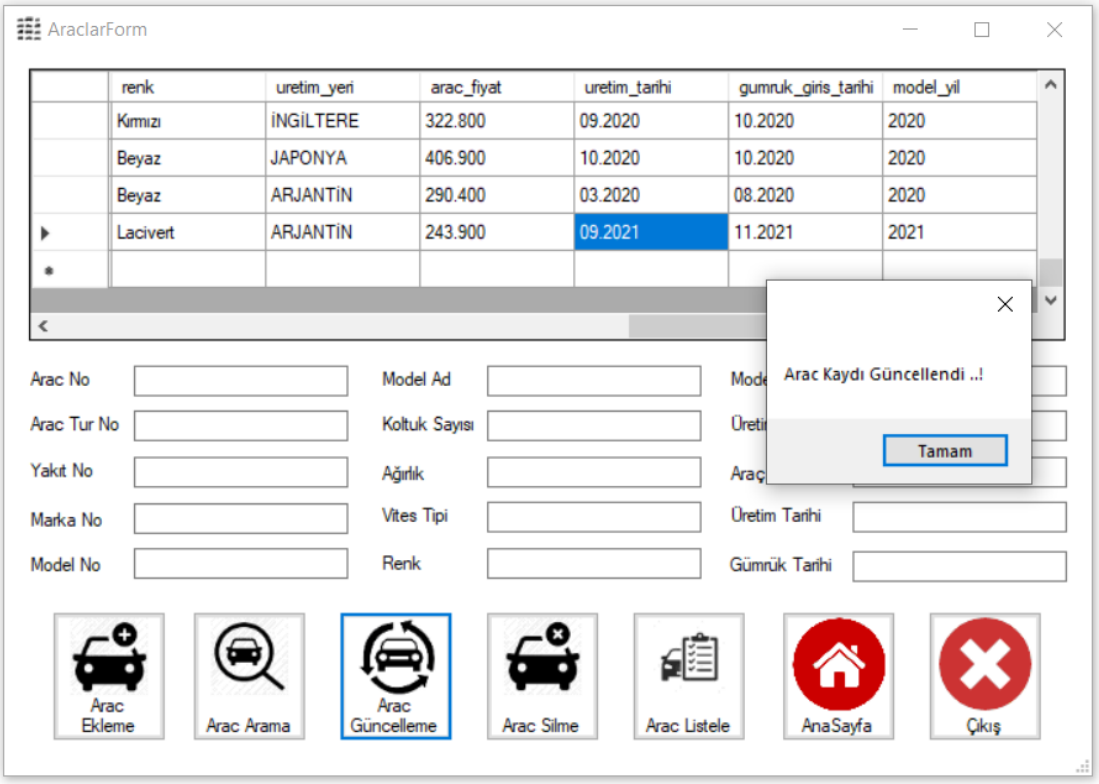
Güncelleme Penceresinden Hayır seçildiğinde,



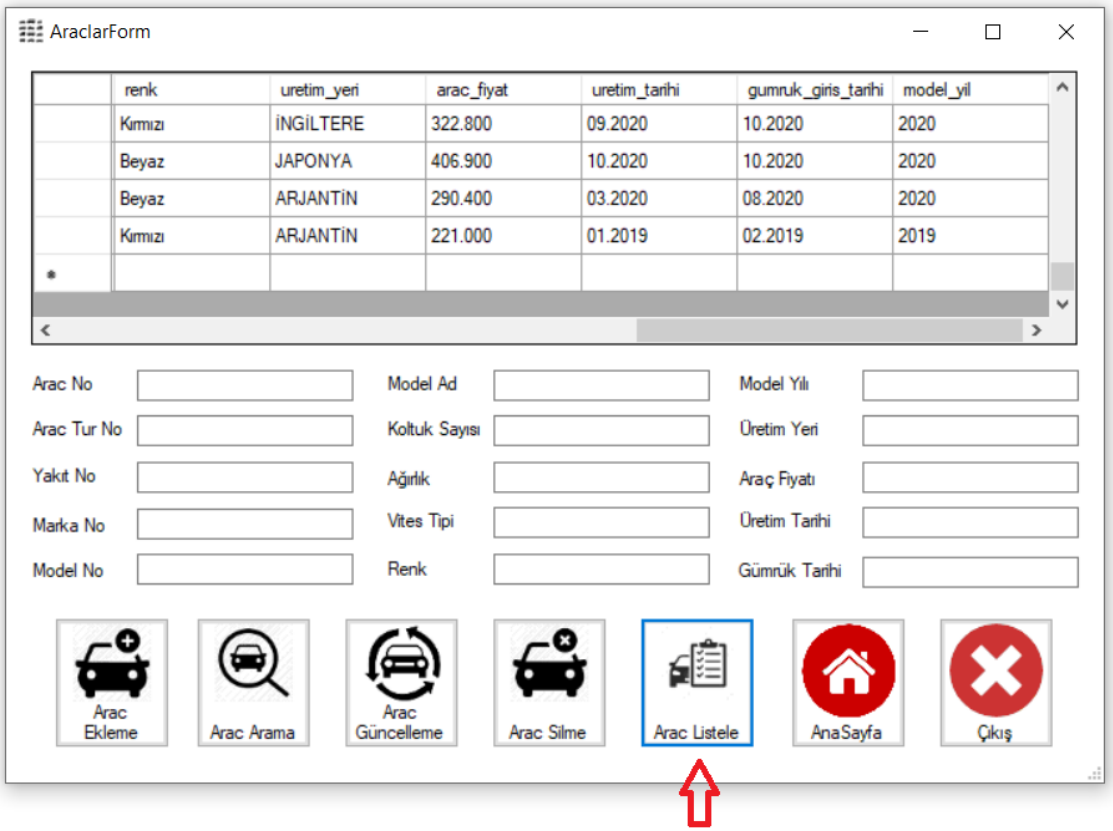
İşlemin iptal edildiği ile ilgili mesaj ekrana çıkar.



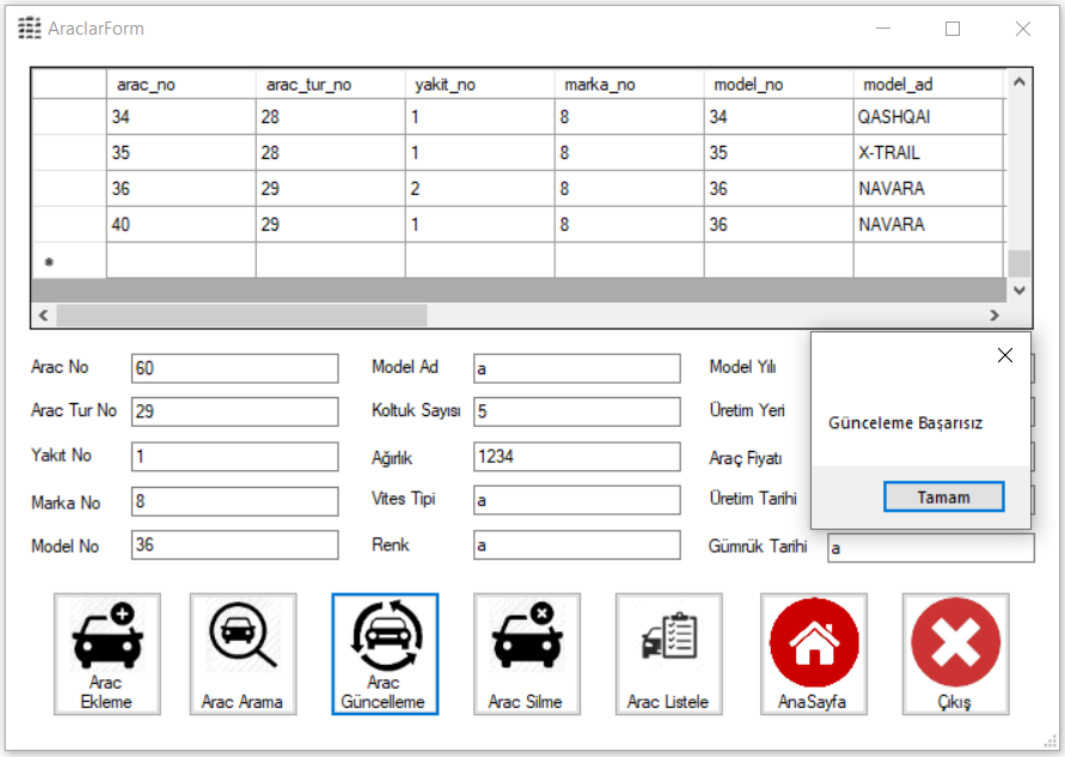
Eğer Güncelleme Penceresinden Evet seçilip devam edilirse, ekrana arac kayıtının güncellendiği mesajı çıkar. Ve TextBox'ların içi temizlenir.



Tamam a tıklayıp Arac Listele butonuna tıklayıp veriler yenilenir ve verilerin güncellenmiş olduğu görülür.



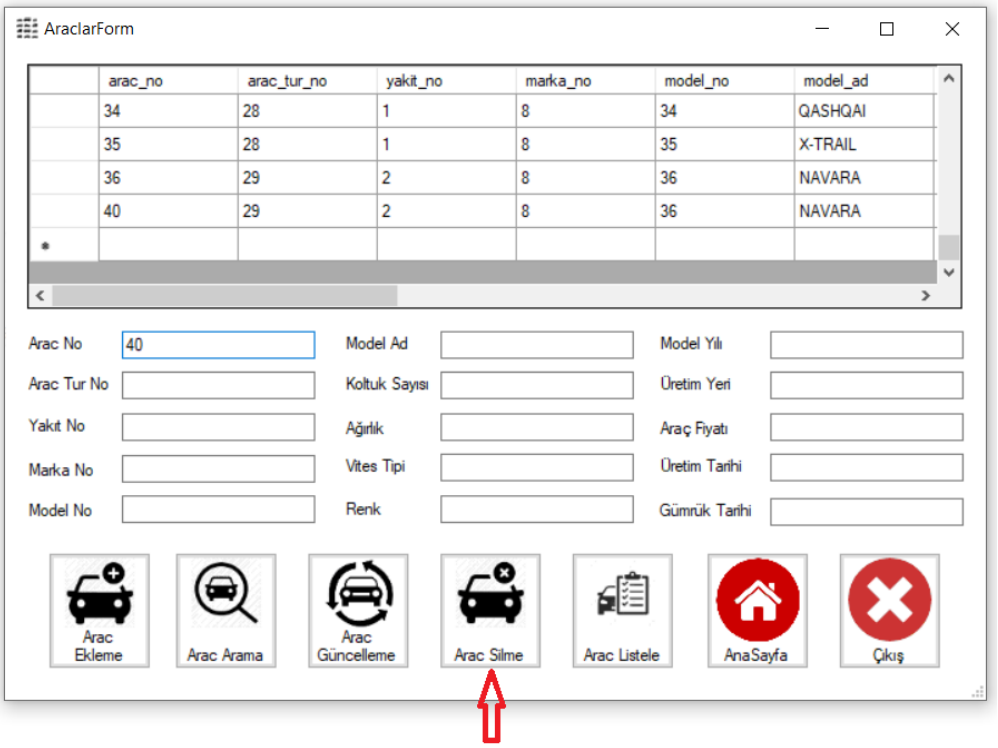
Eğer Arac No yanlış yazılırsa, ekrana güncelleme işleminin başarısız olduğu ekrana çıkar.



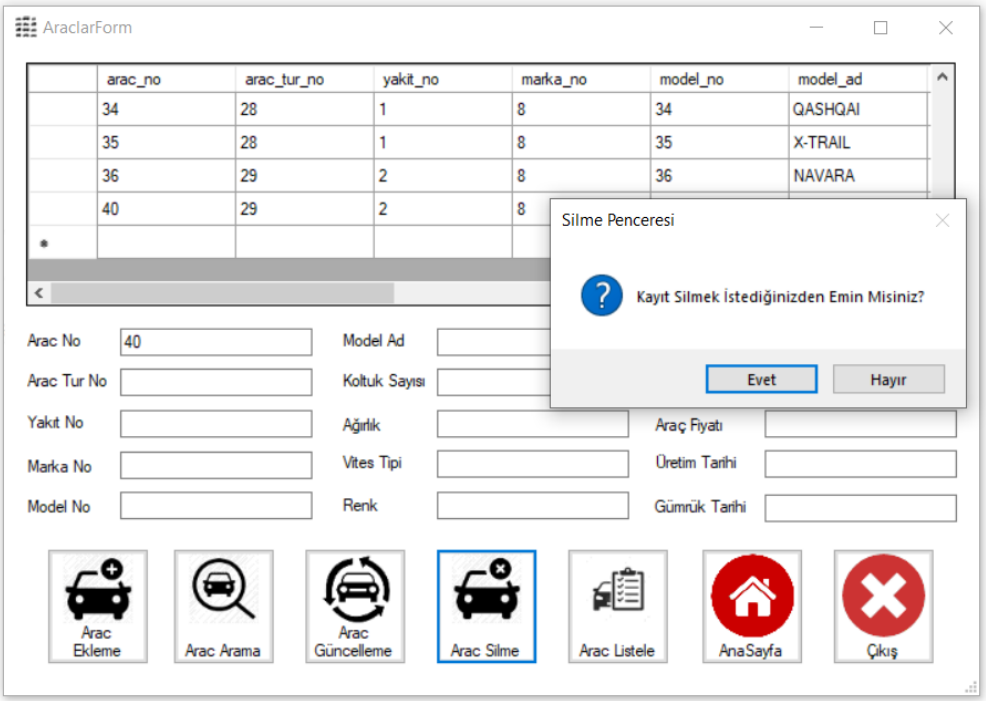
SİLME İŞLEMİ

Silme işlemi her Formumda yapılmaktadır. Bütün silme işlemlerini video da bulabilirsiniz.

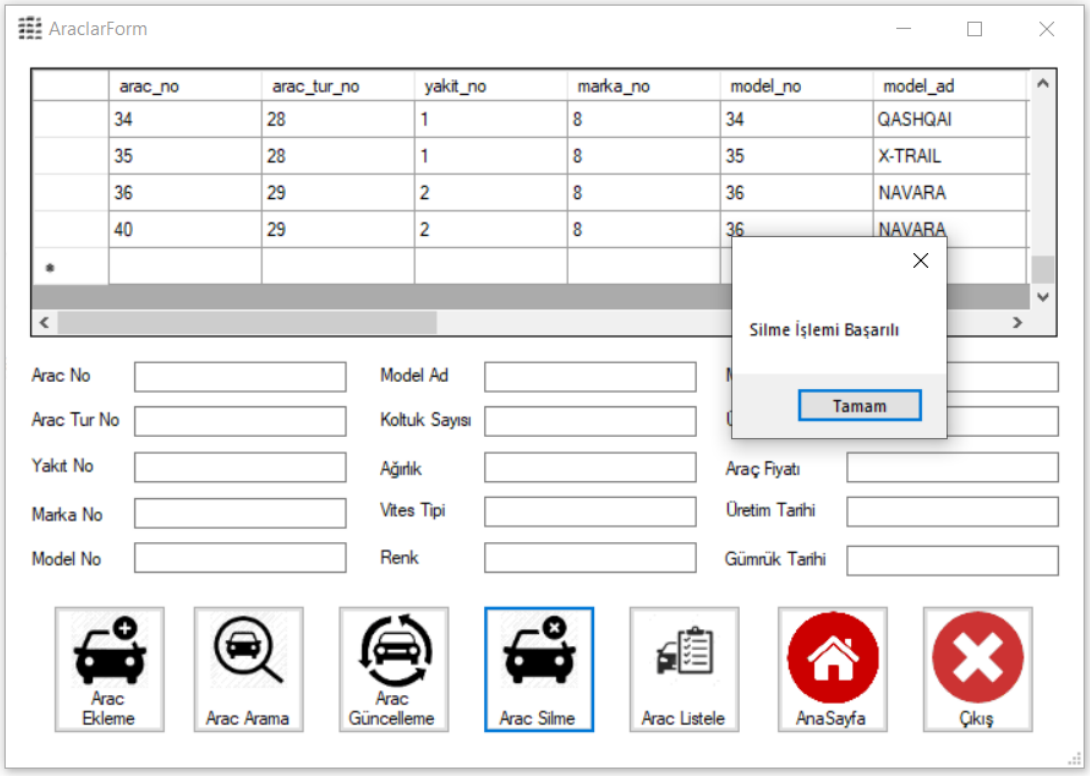
Bu Kısımda AraclarForm üzerinden Silme İşlemi Yapılacaktır.



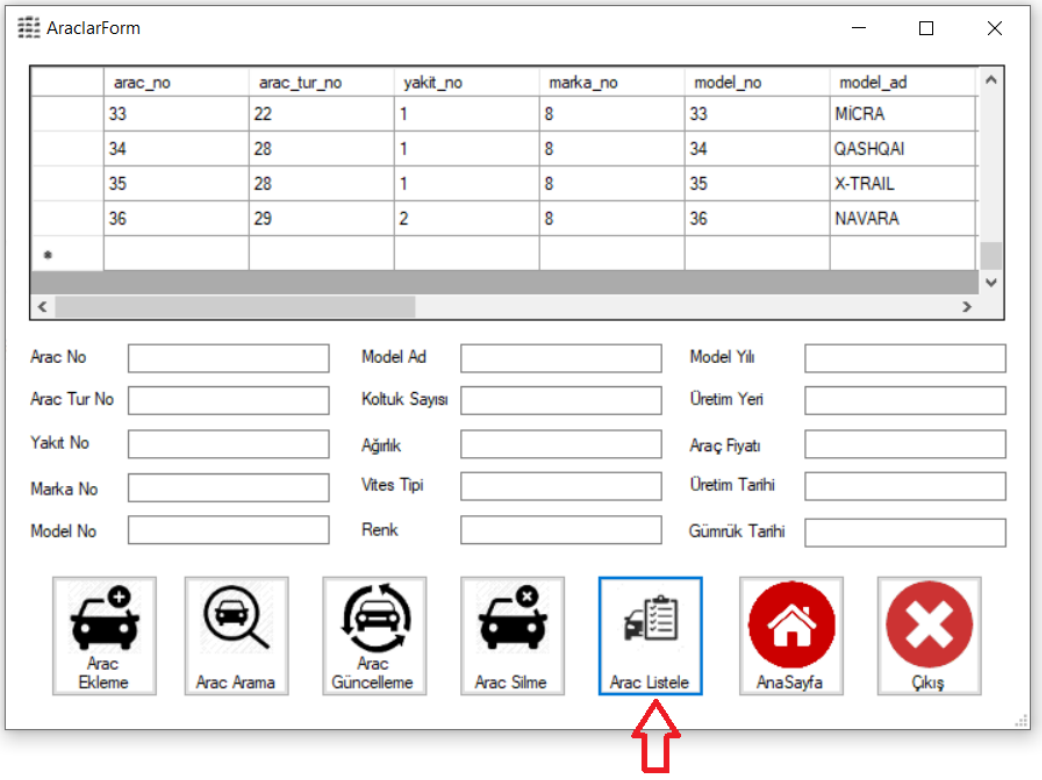
Arac No yazılıp Arac Silme butonuna tıklayınca Ekrana mesaj çıkar



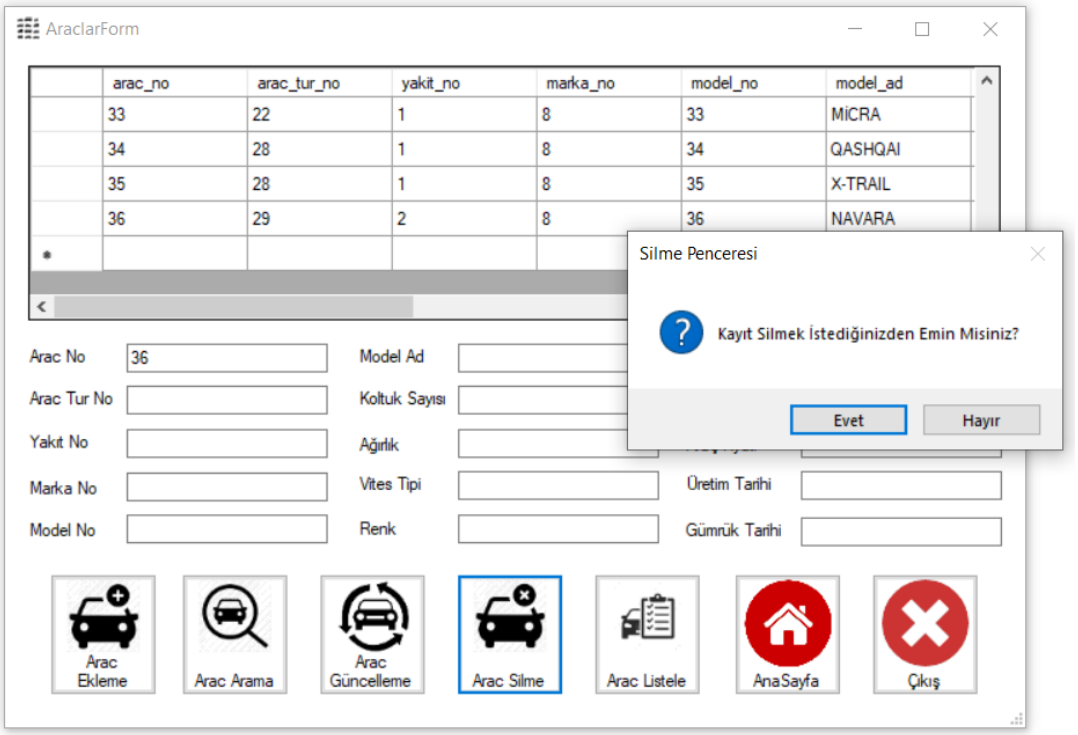
Evet Butonuna tıklayınca ekrana Silme işleminin başarıyla tamamlandığı ile ilgili mesaj çıkar. Textboxların içi temizlenir.



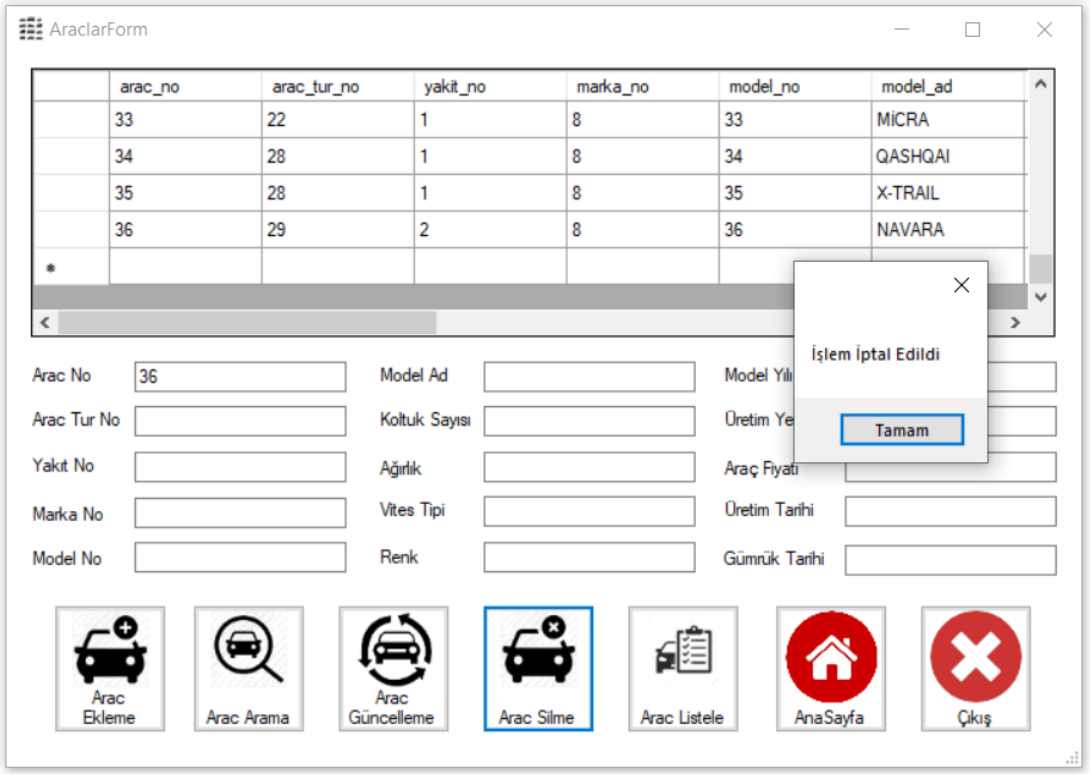
Tamam' a tıklayıp Arac Listele butonuna tıklayınca veriler yenilenir. Silme işlemi tamamlanır.



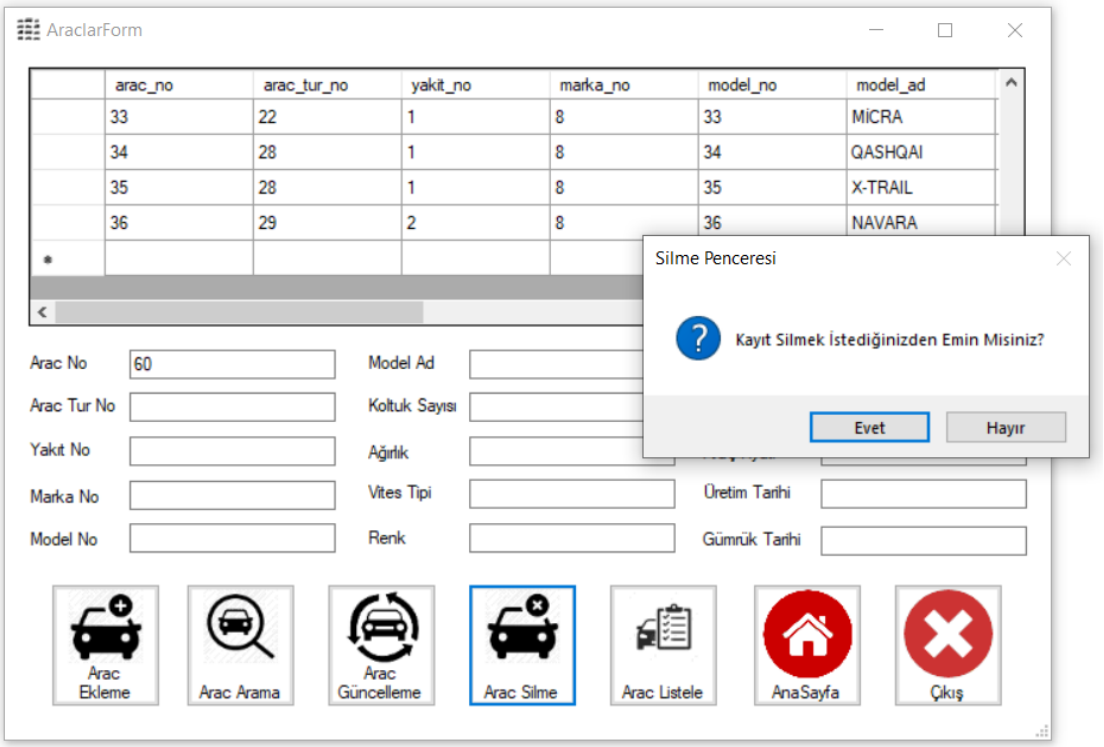
Eğer Arac No yazılıp Silme Penceresinde hayır’ a tıklayınca,



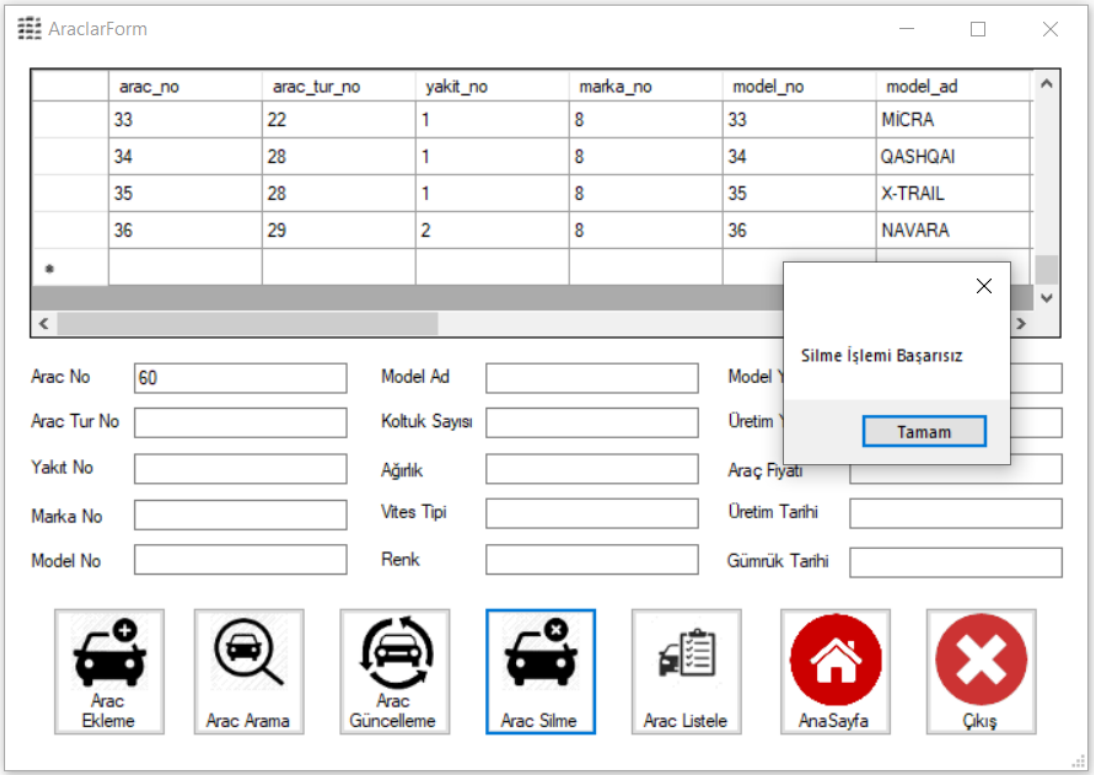
İşlemin İptal Edildiği ile ilgili mesaj çıkar.



Eğer Arac No verilerimizde yoksa, ve verilerimizde olmayan Arac No yazılıp Silme Penceresinden Evet' e tıklayınca,



Silme İşleminin Yapılamadığı ile ilgili mesaj çıkar.



UYGULAMANIN KAYNAK KODLARINI İÇEREN GİTHUB ADRESİ

https://github.com/raifakyol/OTOMOTIV_PROGRAMI_VTYS_PostgreSqlCSharp-

ÇALIŞMANIN ANLATILDIĞI VİDEO ADRESİ

https://youtu.be/3dS0hI_Dkeo