Yasin Demirel 02210201001

```sql
CREATE TABLE insan (
  TCkimlikno bigint PRIMARY KEY,
  adsoyad TEXT NOT NULL,
  adresi TEXT NOT NULL,
  maasi INTEGER NOT NULL
);
CREATE TABLE makinaci (
) INHERITS (insan);
CREATE TABLE madenci (
) INHERITS (insan);
CREATE TABLE maden_isletmesi_yoneticisi (
) INHERITS (insan);
CREATE TABLE makina (
  makine_no INTEGER PRIMARY KEY,
  makine_adi TEXT NOT NULL,
  hasar_durumu TEXT NOT NULL,
  uretim_yili DATE NOT NULL
);
CREATE TABLE maden (
  madenno INTEGER PRIMARY KEY,
  konum JSON NOT NULL,
  icerik_bilgisi JSON NOT NULL
);
CREATE TABLE servis_firmasi (
  firmaid INTEGER PRIMARY KEY,
  adi TEXT NOT NULL
);
CREATE TABLE gida_temin_firmasi (
  firmaid INTEGER PRIMARY KEY,
  adi TEXT NOT NULL
);
CREATE TABLE sigorta_firmasi (
  firmaid INTEGER PRIMARY KEY,
  adi TEXT NOT NULL
);
CREATE TABLE calisir (
  madenno INTEGER REFERENCES maden (madenno),
  TCkimlikno  bigint REFERENCES insan (TCkimlikno)
);
CREATE TABLE kontrol_eder (
  makine_no INTEGER REFERENCES makina (makine_no),
  TCkimlikno  bigint REFERENCES insan (TCkimlikno)
);
CREATE TABLE sigortalar (
  makine_no INTEGER REFERENCES makina (makine_no),
  firmaid  INTEGER REFERENCES sigorta_firmasi (firmaid)
);
CREATE TABLE tasir (
  TCkimlikno  bigint REFERENCES insan (TCkimlikno),
  firmaid  INTEGER REFERENCES servis_firmasi (firmaid)
);
CREATE TABLE besler (
  TCkimlikno  bigint REFERENCES insan (TCkimlikno),
  firmaid  INTEGER REFERENCES gida_temin_firmasi (firmaid)
```

```
);
CREATE TABLE iletir (
    anlasmaid INTEGER PRIMARY KEY,
    firmaid   INTEGER REFERENCES servis_firmasi (firmaid),
    servislerin_bilgileri JSON NOT NULL,
    soforlerin_iletisim_bilgileri JSON NOT NULL
);
```