

A DDL skript modelové databáze

```
CREATE TABLE Kategorie (  
idKategorie NUMBER NOT NULL PRIMARY KEY,  
Nazev VARCHAR2 (50) NOT NULL,  
Popis VARCHAR2 (1000) NOT NULL);
```

```
CREATE TABLE Klienti (  
idKlienta NUMBER NOT NULL PRIMARY KEY,  
Jmeno VARCHAR2 (20) NOT NULL,  
Prijmeni VARCHAR2 (20) NOT NULL,  
RC CHAR (10) NOT NULL UNIQUE,  
Tel CHAR (9) NOT NULL UNIQUE,  
Email VARCHAR2 (50) NOT NULL UNIQUE,  
Mesto VARCHAR2 (50) NOT NULL,  
Ulice VARCHAR2 (50) NOT NULL,  
CP VARCHAR2 (5) NOT NULL);
```

```
CREATE TABLE Pobočky (  
idPobočky NUMBER NOT NULL PRIMARY KEY,  
Nazev VARCHAR2 (50) NOT NULL,  
Typ VARCHAR2 (50) NOT NULL,  
Mesto VARCHAR2 (50) NOT NULL,  
Ulice VARCHAR2 (50) NOT NULL,  
CP VARCHAR2 (5) NOT NULL);
```

```
CREATE TABLE Kvalifikace (  
idKvalifikace NUMBER NOT NULL PRIMARY KEY,  
Nazev VARCHAR2 (50) NOT NULL,  
Popis VARCHAR2 (1000) NOT NULL);
```

```
CREATE TABLE Pozice (  
idPozice NUMBER NOT NULL PRIMARY KEY,  
Nazev VARCHAR2 (50) NOT NULL,  
Popis VARCHAR2 (1000) NOT NULL,  
Volna CHAR (3) NOT NULL,  
CHECK (Volna IN ('ano', 'ne')));
```

```
CREATE TABLE TypKomunikace (  
idTypKomunikace NUMBER NOT NULL PRIMARY KEY,  
Nazev VARCHAR2 (50) NOT NULL,  
Popis VARCHAR2 (1000) NOT NULL);
```

```
CREATE TABLE Produkty (
  idProduktu NUMBER NOT NULL PRIMARY KEY,
  Nazev VARCHAR2 (100) NOT NULL,
  Cena NUMBER NOT NULL,
  TypPlatby CHAR (11) NOT NULL,
  Popis VARCHAR2 (1000) NOT NULL,
  idKategorie NUMBER NOT NULL,
CHECK (Cena > 0 AND TypPlatby IN ('mesicni', 'jednorazova')),
FOREIGN KEY (idKategorie) REFERENCES Kategorie(idKategorie));
```

```
CREATE TABLE Zamestnanci (
  idZamestnanec NUMBER NOT NULL PRIMARY KEY,
  Jmeno VARCHAR2 (20) NOT NULL,
  Prijmeni VARCHAR2 (20) NOT NULL,
  RC CHAR (10) NOT NULL UNIQUE,
  Vzdelani VARCHAR2 (10) NOT NULL,
  Tel CHAR (9) NOT NULL UNIQUE,
  Email VARCHAR2 (50) NOT NULL UNIQUE,
  Mesto VARCHAR2 (50) NOT NULL,
  Ulice VARCHAR2 (50) NOT NULL,
  CP VARCHAR2 (5) NOT NULL,
  Mzda NUMBER NOT NULL,
  Dochazka NUMBER NOT NULL,
  BankovniSpojeni CHAR (14),
  idPozice NUMBER NOT NULL,
  idOddeleni NUMBER,
CHECK (Mzda > 0),
FOREIGN KEY (idPozice) REFERENCES Pozice(idPozice));
```

```
CREATE TABLE Oddeleni (
  idOddeleni NUMBER NOT NULL PRIMARY KEY,
  Nazev VARCHAR2 (50) NOT NULL,
  Popis VARCHAR2 (1000),
  Tel CHAR (9) NOT NULL,
  Email VARCHAR2 (50) NOT NULL,
  idPobocky NUMBER NOT NULL,
  idZamestnanec NUMBER NOT NULL UNIQUE,
FOREIGN KEY (idPobocky) REFERENCES Pobocky(idPobocky),
FOREIGN KEY (idZamestnanec) REFERENCES Zamestnanci(idZamestnanec));
```

```
ALTER TABLE Zamestnanci
ADD FOREIGN KEY (idOddeleni) REFERENCES Oddeleni(idOddeleni);
```

```
CREATE TABLE Komunikace (  
idKomunikace NUMBER NOT NULL PRIMARY KEY,  
Ucel VARCHAR2 (50) NOT NULL,  
Vysledek VARCHAR2 (50) NOT NULL,  
Datum DATE NOT NULL,  
Forma VARCHAR2 (20) NOT NULL,  
idKlienta NUMBER NOT NULL,  
idTypKomunikace NUMBER NOT NULL,  
idZamestnanec NUMBER NOT NULL,  
FOREIGN KEY (idKlienta) REFERENCES Klienti(idKlienta),  
FOREIGN KEY (idTypKomunikace) REFERENCES TypKomunikace(idTypKomunikace),  
FOREIGN KEY (idZamestnanec) REFERENCES Zamestnanci(idZamestnanec));
```

```
CREATE TABLE Smlouvy (  
idSmlouvy NUMBER NOT NULL PRIMARY KEY,  
Stav VARCHAR2 (20) NOT NULL,  
DatumPodpisu DATE,  
PlatnostDo DATE,  
Komentar VARCHAR2 (1000),  
idKlienta NUMBER NOT NULL,  
idZamestnanec NUMBER NOT NULL,  
FOREIGN KEY (idKlienta) REFERENCES Klienti(idKlienta),  
FOREIGN KEY (idZamestnanec) REFERENCES Zamestnanci(idZamestnanec));
```

```
CREATE TABLE Smlouva_obsahuje_produkty (  
idSmlouvy NUMBER NOT NULL,  
idProduktu NUMBER NOT NULL,  
FOREIGN KEY (idSmlouvy) REFERENCES Smlouvy(idSmlouvy),  
FOREIGN KEY (idProduktu) REFERENCES Produkty(idProduktu));
```

```
CREATE TABLE Zamestnanec_ma_Kvalifikace (  
idZamestnanec NUMBER NOT NULL,  
idKvalifikace NUMBER NOT NULL,  
FOREIGN KEY (idZamestnanec) REFERENCES Zamestnanci(idZamestnanec),  
FOREIGN KEY (idKvalifikace) REFERENCES Kvalifikace(idKvalifikace));
```