

PŘÍLOHA Č. 1: FYZICKÝ NÁVRH DATABÁZE

```
CREATE DATABASE intranet;
```

```
USE intranet;
```

```
CREATE TABLE uzivatel_skupina (  
    id_uzivatel_skupina int not null,  
    nazev varchar (20) not null,  
    PRIMARY KEY (id_uzivatel_skupina)  
);
```

```
CREATE TABLE uzivatel_pozice (  
    id_uzivatel_pozice int not null,  
    nazev varchar (30) not null,  
    ck_uzivatel_skupina int not null,  
    PRIMARY KEY (id_uzivatel_pozice),  
    FOREIGN KEY (ck_uzivatel_skupina) REFERENCES uzivatel_skupina  
(id_uzivatel_skupina)  
);
```

```
CREATE TABLE uzivatel (  
    id_uzivatel int not null,  
    login varchar (20) not null,  
    heslo varchar (40) not null,  
    jmeno varchar (20),
```

```
prijmeni varchar (30),  
mobil varchar (9),  
email varchar (65),  
ck_pozice int not null,  
PRIMARY KEY (id_uzivatel),  
FOREIGN KEY (ck_pozice) REFERENCES uzivatel_pozice (id_uzivatel_pozice)  
);
```

```
CREATE TABLE soubory_kategorie (  
id_soubory_kategorie int not null,  
nazev varchar (25) not null,  
PRIMARY KEY (id_soubory_kategorie)  
);
```

```
CREATE TABLE soubory (  
id_soubory int not null,  
url varchar (25),  
nazev varchar (30) not null,  
datum date,  
popis text,  
ck_kategorie int not null,  
ck_uzivatel int not null,  
PRIMARY KEY (id_soubory),
```

```
FOREIGN KEY (ck_kategorie) REFERENCES soubory_kategorie  
(id_soubory_kategorie),
```

```
FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel)  
);
```

```
CREATE TABLE novinka (
```

```
id_novinka int not null,
```

```
nazev varchar (30) not null,
```

```
obsah varchar (1000) not null,
```

```
datum_a_cas timestamp,
```

```
ck_uzivatel int not null,
```

```
PRIMARY KEY (id_novinka),
```

```
FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel)
```

```
);
```

```
CREATE TABLE novinka_komentar (
```

```
id_novinka_komentar int not null,
```

```
obsah text not null,
```

```
ck_uzivatel int not null,
```

```
ck_novinka int not null,
```

```
PRIMARY KEY (id_novinka_komentar),
```

```
FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel),
```

```
FOREIGN KEY (ck_novinka) REFERENCES novinka (id_novinka)
```

```
);
```

```
CREATE TABLE udalost (  
    id_udalost int not null,  
    nazev varchar (40) not null,  
    obsah text,  
    datum date,  
    ck_uzivatel int not null,  
    PRIMARY KEY (id_udalost),  
    FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel)  
);
```

```
CREATE TABLE konverzace (  
    id_konverzace int not null,  
    nazev varchar (50) not null,  
    PRIMARY KEY (id_konverzace)  
);
```

```
CREATE TABLE uzivatel_konverzace (  
    ck_uzivatel_1 int not null,  
    ck_uzivatel_2 int not null,  
    ck_konverzace int not null,  
    PRIMARY KEY (ck_uzivatel_1, ck_uzivatel_2),  
    FOREIGN KEY (ck_uzivatel_1) REFERENCES uzivatel (id_uzivatel),  
    FOREIGN KEY (ck_uzivatel_2) REFERENCES uzivatel (id_uzivatel),
```

```
FOREIGN KEY (ck_konverzace) REFERENCES konverzace (id_konverzace)
);
```

```
CREATE TABLE zpravy (
    id_zpravy int not null,
    obsah text,
    datum_a_cas timestamp,
    ck_konverzace int not null,
    PRIMARY KEY (id_zpravy),
    FOREIGN KEY (ck_konverzace) REFERENCES konverzace (id_konverzace)
);
```

```
CREATE TABLE diskuze_kategorie (
    id_diskuze_kategorie int not null,
    jmeno varchar (20) not null,
    PRIMARY KEY (id_diskuze_kategorie)
);
```

```
CREATE TABLE diskuze_prispevek (
    id_diskuze_prispevek int not null,
    nazev varchar (20) not null,
    obsah text not null,
    datum_a_cas timestamp,
```

```

ck_uzivatel int not null,

ck_kategorie int not null,

PRIMARY KEY (id_diskuze_prispevek),

FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel),

FOREIGN KEY (ck_kategorie) REFERENCES diskuze_kategorie
(id_diskuze_kategorie)

);

```

```

CREATE TABLE diskuze_odpoved (

id_diskuze_odpoved int not null,

nazev varchar (20) not null,

obsah text not null,

datum_a_cas timestamp,

ck_uzivatel int not null,

ck_kategorie int not null,

ck_prispevek int not null,

PRIMARY KEY (id_diskuze_odpoved),

FOREIGN KEY (ck_uzivatel) REFERENCES uzivatel (id_uzivatel),

FOREIGN KEY (ck_kategorie) REFERENCES diskuze_kategorie
(id_diskuze_kategorie),

FOREIGN KEY (ck_prispevek) REFERENCES diskuze_prispevek
(id_diskuze_prispevek)

);

```