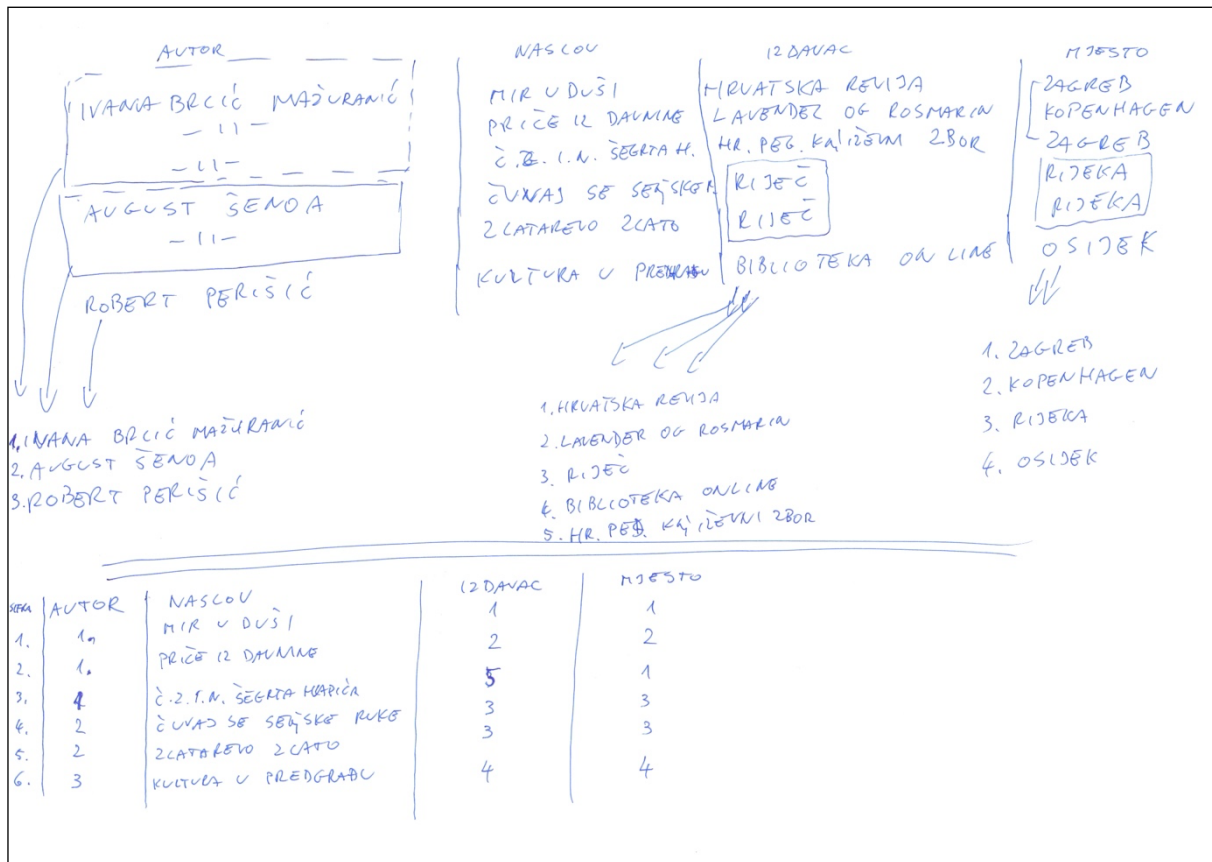
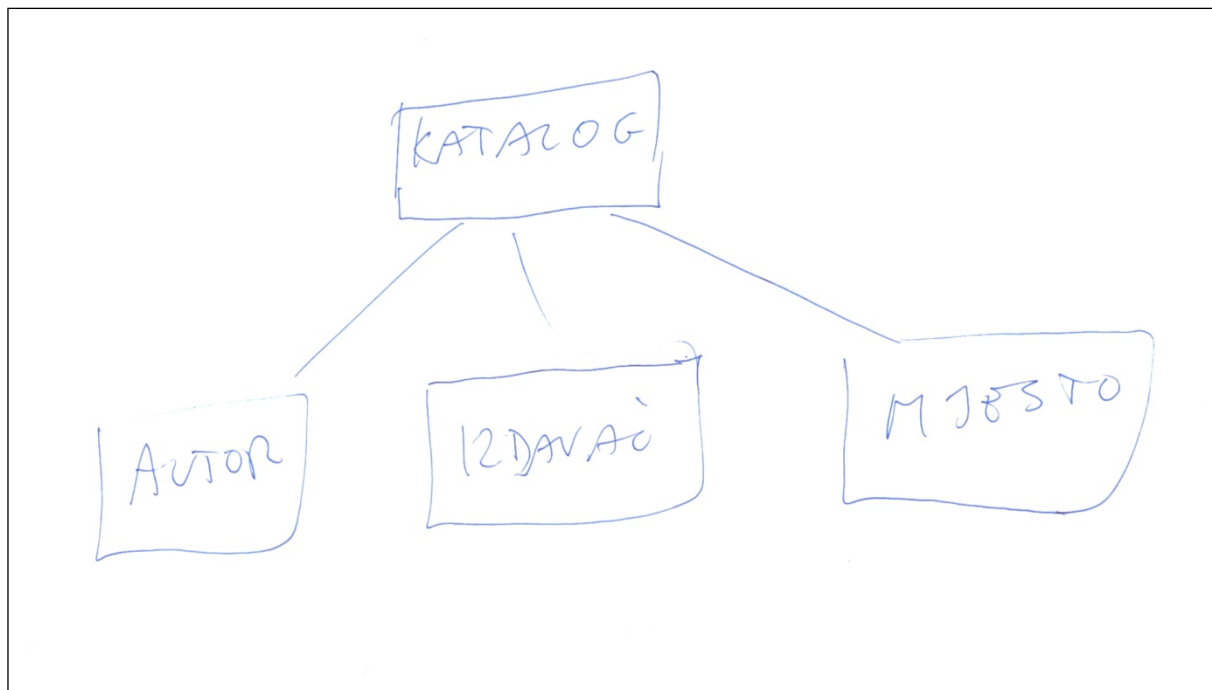


Pristup problemu kreiranja baze podataka

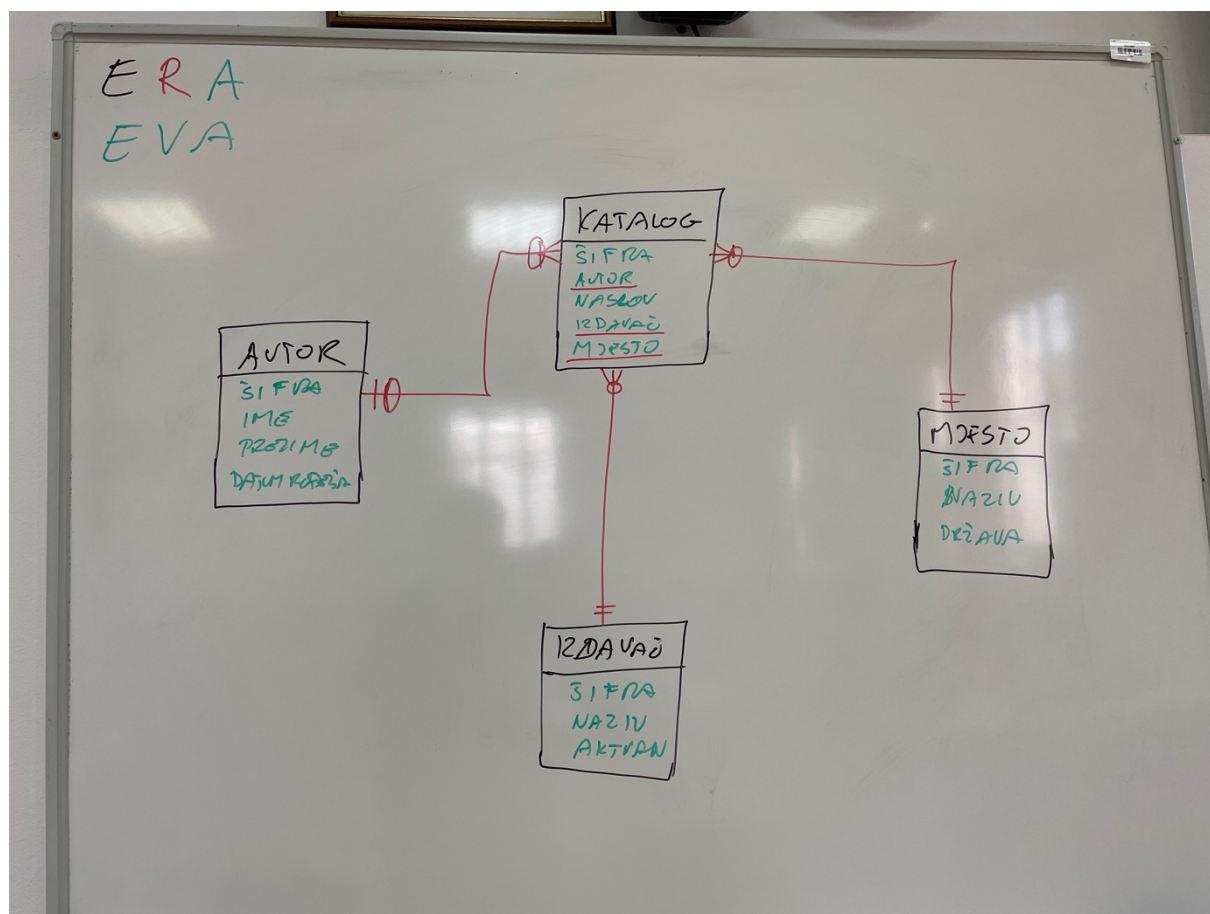
Razrada podataka na papiru



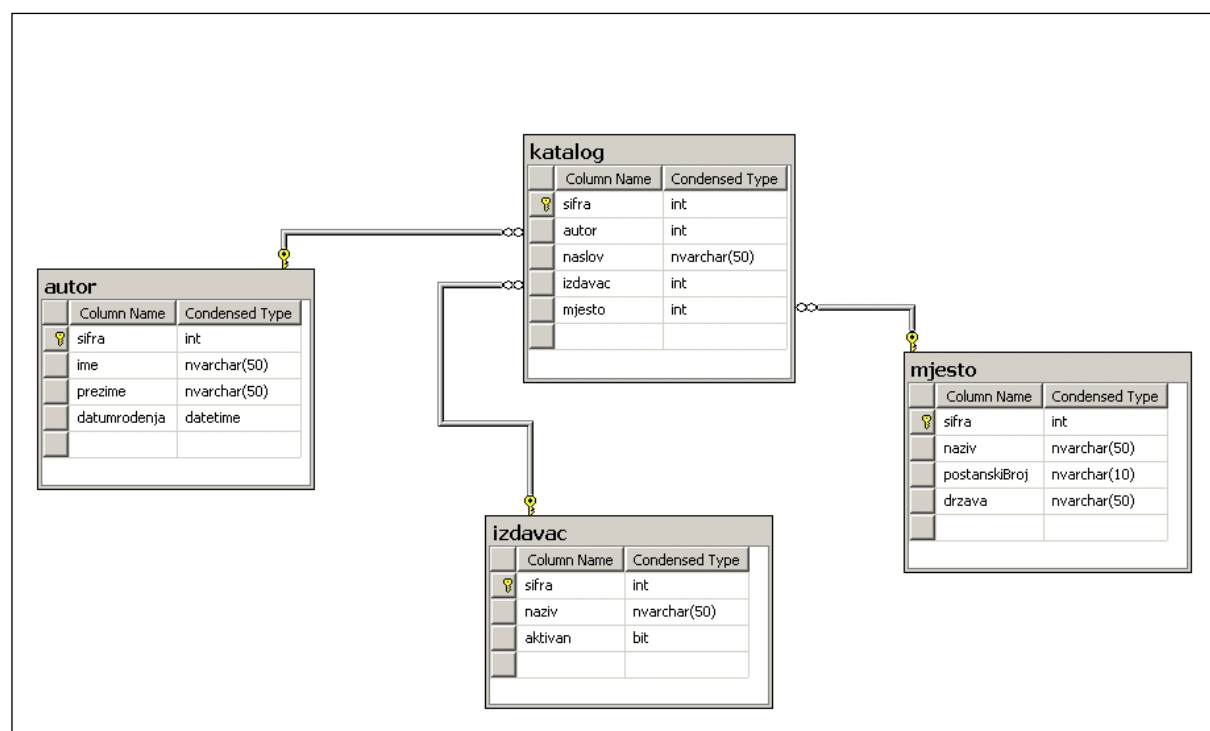
Logičko slaganje pojmova



ERA diagram (s nastave)



Dijagram kreiran od strane MS SQL manager-a



CREATE DATABASE

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-database-transact-sql?view=sql-server-ver15>

Kreiranje baze podataka na zadanoj lokaciji s zadanim postavkama. (zadano = default)

```
use master;  
create database knjiznica;
```

Materijali za čitanje:

<https://www.lucidchart.com/pages/er-diagrams>

[https://www.veleri.hr/sites/default/files/2022-01/Objava%20web MPP-Skripta-PanevKaluza.pdf](https://www.veleri.hr/sites/default/files/2022-01/Objava%20web%20MPP-Skripta-PanevKaluza.pdf)

TIPOVI PODATAKA

<https://docs.microsoft.com/en-us/sql/t-sql/data-types/data-types-transact-sql?view=sql-server-ver15>

Vrste tipova podatka	MS SQL tipovi podatka	Koristimo
Znakovni	char(n), varchar(n), nvarchar(n), text, ntext	varchar (n) – gdje n predstavlja broj znakova
Brojčani	tinyint, smallint, int, bigint, decimal, numeric, money, smallmoney, float, real	za cijele brojeve: int za decimalne brojeve: decimal za novac: money
Logički	bit	bit
Datumski	smalldatetime, datetime	datetime
Binarni	binary	binary (nećemo koristiti)

CREATE TABLE

<https://docs.microsoft.com/en-us/sql/t-sql/statements/create-table-transact-sql?view=sql-server-ver15>

Kreiranje tablice autor

```
create table autor(  
    sifra            int,  
    ime              varchar(50) ,  
    prezime          varchar(50) ,  
    datumrodenja     datetime);
```

Kreiranje tablice izdavac

```
create table izdavac(  
    sifra            int,  
    naziv            varchar(50) ,  
    aktivan          bit);
```

Kreiranje tablice mjesto

```
create table mjesto(  
    sifra            int,  
    naziv            varchar(50) ,  
    postanskibroj    varchar(10) ,  
    drzava            varchar(50) );
```

Kreiranje tablice katalog

```
create table katalog(  
    sifra            int,  
    autor            int,  
    naslov           varchar(50) ,  
    izdavac          int,  
    mjesto           int);
```

ALTER TABLE

<https://docs.microsoft.com/en-us/sql/t-sql/statements/alter-table-transact-sql?view=sql-server-ver15>

```
alter table autor alter column sifra int not null  
alter table autor add primary key (sifra)
```

DROP TABLE

<https://docs.microsoft.com/en-us/sql/t-sql/statements/drop-table-transact-sql?view=sql-server-ver15>

DROP DATABASE

<https://docs.microsoft.com/en-us/sql/t-sql/statements/drop-database-transact-sql?view=sql-server-ver15>

Domaća zadaća:

Kreirati bazu prema danom ERA dijagramu

