Dizajn sloja podataka

Konceptualni model podataka



Fizički model podataka



SQL DDL skript za kreiranje baze podataka:

/\*==============================================================\*/

/\* DBMS name: MySQL 5.0 \*/

/\* Created on: 21.5.2021. 20:49:35 \*/

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/\*==============================================================\*/

/\* Table: DATOTEKA \*/

/\*==============================================================\*/

create table DATOTEKA

(

DATOTEKA\_ID int not null auto\_increment,

FOLDER\_ID int,

NAZIV varchar(100) not null,

VELICINA int,

DATUM\_KREIRANJA datetime not null,

PUTANJA varchar(255) not null,

primary key (DATOTEKA\_ID)

);

/\*==============================================================\*/

/\* Table: DOKUMENT \*/

/\*==============================================================\*/

create table DOKUMENT

(

PODELJENO\_ID int not null auto\_increment,

PUTANJA\_FAJLA varchar(255) not null,

PODELJEN\_URL varchar(255) not null,

primary key (PODELJENO\_ID)

);

/\*==============================================================\*/

/\* Table: DRIVE \*/

/\*==============================================================\*/

create table DRIVE

(

DRIVE\_ID int not null auto\_increment,

GLAVNA\_PUTANJA varchar(255) not null,

primary key (DRIVE\_ID)

);

/\*==============================================================\*/

/\* Table: FOLDER \*/

/\*==============================================================\*/

create table FOLDER

(

FOLDER\_ID int not null auto\_increment,

DRIVE\_ID int not null,

NAZIV varchar(100) not null,

DATUM\_KREIRANJA datetime not null,

PUTANJA varchar(255) not null,

primary key (FOLDER\_ID)

);

/\*==============================================================\*/

/\* Table: KORISNIK \*/

/\*==============================================================\*/

create table KORISNIK

(

KORISNIK\_ID int not null auto\_increment,

DRIVE\_ID int not null,

IME varchar(30) not null,

PREZIME varchar(40) not null,

EMAIL varchar(40) not null,

KORISNICKO\_IME varchar(30) not null,

LOZINKA varchar(25) not null,

POTVRDA\_LOZINKE varchar(25) not null,

primary key (KORISNIK\_ID)

);

alter table DATOTEKA add constraint FK\_IMA foreign key (FOLDER\_ID)

references FOLDER (FOLDER\_ID) on delete restrict on update cascade;

alter table FOLDER add constraint FK\_SADRZI foreign key (DRIVE\_ID)

references DRIVE (DRIVE\_ID) on delete restrict on update cascade;

alter table KORISNIK add constraint FK\_JE\_PRIJAVLJEN foreign key (DRIVE\_ID)

references DRIVE (DRIVE\_ID) on delete restrict on update cascade;