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-- Sun Jun 5 18:22:35 2022

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

-- -----------------------------------------------------

-- Schema biblioteka

-- -----------------------------------------------------

DROP SCHEMA IF EXISTS `biblioteka` ;

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-- Schema biblioteka

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `biblioteka` DEFAULT CHARACTER SET utf8 ;

-- -----------------------------------------------------

-- Schema test

-- -----------------------------------------------------

USE `biblioteka` ;

-- -----------------------------------------------------

-- Table `biblioteka`.`zgrada`

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DROP TABLE IF EXISTS `biblioteka`.`zgrada` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`zgrada` (

`grad` VARCHAR(255) NULL,

`broj` INT NULL,

`ulica` VARCHAR(255) NULL,

`id\_zgrade` INT NOT NULL,

PRIMARY KEY (`id\_zgrade`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`biblioteka`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`biblioteka` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`biblioteka` (

`id\_biblioteke` INT NOT NULL,

`naziv` VARCHAR(255) NOT NULL,

`telefon` INT NULL,

`zgrada\_id\_zgrade` INT NOT NULL,

PRIMARY KEY (`id\_biblioteke`),

INDEX `fk\_biblioteka\_zgrada\_idx` (`zgrada\_id\_zgrade` ASC) VISIBLE,

CONSTRAINT `fk\_biblioteka\_zgrada`

FOREIGN KEY (`zgrada\_id\_zgrade`)

REFERENCES `biblioteka`.`zgrada` (`id\_zgrade`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`bibliotekar`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`bibliotekar` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`bibliotekar` (

`id\_bibliotekara` INT NOT NULL,

`datum\_zaposlenja` DATE NULL,

`plata` VARCHAR(255) NULL,

`ime\_bibliotekara` VARCHAR(255) NULL,

`prezime\_bibliotekara` VARCHAR(255) NULL,

`biblioteka\_id\_biblioteke` INT NOT NULL,

PRIMARY KEY (`id\_bibliotekara`),

INDEX `fk\_bibliotekar\_biblioteka1\_idx` (`biblioteka\_id\_biblioteke` ASC) VISIBLE,

CONSTRAINT `fk\_bibliotekar\_biblioteka1`

FOREIGN KEY (`biblioteka\_id\_biblioteke`)

REFERENCES `biblioteka`.`biblioteka` (`id\_biblioteke`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`knjiga`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`knjiga` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`knjiga` (

`ISBN` INT NOT NULL,

`naziv` VARCHAR(255) NULL,

`zanr` VARCHAR(45) NULL,

`godina\_izdanja` INT NULL,

`izdavacka\_kuca` VARCHAR(45) NULL,

`biblioteka\_id\_biblioteke` INT NOT NULL,

PRIMARY KEY (`ISBN`),

INDEX `fk\_knjiga\_biblioteka1\_idx` (`biblioteka\_id\_biblioteke` ASC) VISIBLE,

CONSTRAINT `fk\_knjiga\_biblioteka1`

FOREIGN KEY (`biblioteka\_id\_biblioteke`)

REFERENCES `biblioteka`.`biblioteka` (`id\_biblioteke`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`autor`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`autor` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`autor` (

`id\_autora` INT NOT NULL,

`ime\_autora` VARCHAR(45) NULL,

`prezime\_autora` VARCHAR(255) NULL,

PRIMARY KEY (`id\_autora`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`korisnik`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`korisnik` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`korisnik` (

`jmbg` INT NOT NULL,

`ime\_korisnika` VARCHAR(255) NULL,

`prezime\_korisnika` VARCHAR(255) NULL,

`telefon` VARCHAR(45) NULL,

PRIMARY KEY (`jmbg`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`clanska\_karta`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`clanska\_karta` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`clanska\_karta` (

`id\_karte` INT NOT NULL,

`cena` INT NULL,

`datum` DATE NULL,

`korisnik\_jmbg` INT NOT NULL,

PRIMARY KEY (`id\_karte`),

INDEX `fk\_clanska\_karta\_korisnik1\_idx` (`korisnik\_jmbg` ASC) VISIBLE,

CONSTRAINT `fk\_clanska\_karta\_korisnik1`

FOREIGN KEY (`korisnik\_jmbg`)

REFERENCES `biblioteka`.`korisnik` (`jmbg`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`napisao`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`napisao` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`napisao` (

`knjiga\_ISBN` INT NOT NULL,

`autor\_id\_autora` INT NOT NULL,

PRIMARY KEY (`knjiga\_ISBN`, `autor\_id\_autora`),

INDEX `fk\_knjiga\_has\_autor\_autor1\_idx` (`autor\_id\_autora` ASC) VISIBLE,

INDEX `fk\_knjiga\_has\_autor\_knjiga1\_idx` (`knjiga\_ISBN` ASC) VISIBLE,

CONSTRAINT `fk\_knjiga\_has\_autor\_knjiga1`

FOREIGN KEY (`knjiga\_ISBN`)

REFERENCES `biblioteka`.`knjiga` (`ISBN`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_knjiga\_has\_autor\_autor1`

FOREIGN KEY (`autor\_id\_autora`)

REFERENCES `biblioteka`.`autor` (`id\_autora`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`pozajmica`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`pozajmica` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`pozajmica` (

`knjiga\_ISBN` INT NOT NULL,

`korisnik\_jmbg` INT NOT NULL,

PRIMARY KEY (`knjiga\_ISBN`, `korisnik\_jmbg`),

INDEX `fk\_knjiga\_has\_korisnik\_korisnik1\_idx` (`korisnik\_jmbg` ASC) VISIBLE,

INDEX `fk\_knjiga\_has\_korisnik\_knjiga1\_idx` (`knjiga\_ISBN` ASC) VISIBLE,

CONSTRAINT `fk\_knjiga\_has\_korisnik\_knjiga1`

FOREIGN KEY (`knjiga\_ISBN`)

REFERENCES `biblioteka`.`knjiga` (`ISBN`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_knjiga\_has\_korisnik\_korisnik1`

FOREIGN KEY (`korisnik\_jmbg`)

REFERENCES `biblioteka`.`korisnik` (`jmbg`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `biblioteka`.`izdaje`

-- -----------------------------------------------------

DROP TABLE IF EXISTS `biblioteka`.`izdaje` ;

CREATE TABLE IF NOT EXISTS `biblioteka`.`izdaje` (

`clanska\_karta\_id\_karte` INT NOT NULL,

`bibliotekar\_id\_bibliotekara` INT NOT NULL,

INDEX `fk\_clanska\_karta\_has\_bibliotekar\_clanska\_karta1\_idx` (`clanska\_karta\_id\_karte` ASC) VISIBLE,

INDEX `fk\_izdaje\_bibliotekar1\_idx` (`bibliotekar\_id\_bibliotekara` ASC) VISIBLE,

PRIMARY KEY (`clanska\_karta\_id\_karte`),

CONSTRAINT `fk\_clanska\_karta\_has\_bibliotekar\_clanska\_karta1`

FOREIGN KEY (`clanska\_karta\_id\_karte`)

REFERENCES `biblioteka`.`clanska\_karta` (`id\_karte`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_izdaje\_bibliotekar1`

FOREIGN KEY (`bibliotekar\_id\_bibliotekara`)

REFERENCES `biblioteka`.`bibliotekar` (`id\_bibliotekara`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;