-- 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';

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-- Schema mydb

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

USE `mydb` ;

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

-- Table `mydb`.`usuario`

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

CREATE TABLE IF NOT EXISTS `mydb`.`usuario` (

`idusuario` INT NOT NULL AUTO\_INCREMENT,

`email` VARCHAR(30) NOT NULL,

`contrasenia` CHAR(30) NOT NULL,

`fechaNacimiento` DATE NOT NULL,

`sexo` TINYINT(3) NOT NULL,

`codigoPostal` CHAR(10) NOT NULL,

`pais` VARCHAR(30) NOT NULL,

PRIMARY KEY (`idusuario`))

ENGINE = InnoDB;

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

-- Table `mydb`.`Playlist`

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

CREATE TABLE IF NOT EXISTS `mydb`.`Playlist` (

`idPlaylist` INT NOT NULL AUTO\_INCREMENT,

`titulo` VARCHAR(30) NOT NULL,

`numeroDeCanciones` INT NOT NULL,

`fechaDeCreacion` DATE NOT NULL,

`usuario\_idusuario` INT NOT NULL,

`status` TINYINT(2) NULL,

PRIMARY KEY (`idPlaylist`),

INDEX `fk\_Playlist\_usuario\_idx` (`usuario\_idusuario` ASC) VISIBLE,

CONSTRAINT `fk\_Playlist\_usuario`

FOREIGN KEY (`usuario\_idusuario`)

REFERENCES `mydb`.`usuario` (`idusuario`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`canciones`

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

CREATE TABLE IF NOT EXISTS `mydb`.`canciones` (

`idcanciones` INT NOT NULL AUTO\_INCREMENT,

`titulo` VARCHAR(45) NOT NULL,

`duracion` TIME NOT NULL,

`reproducciones` BIGINT NOT NULL,

`likes` BIGINT NOT NULL,

`Playlist\_idPlaylist` INT NOT NULL,

PRIMARY KEY (`idcanciones`),

INDEX `fk\_canciones\_Playlist1\_idx` (`Playlist\_idPlaylist` ASC) VISIBLE,

CONSTRAINT `fk\_canciones\_Playlist1`

FOREIGN KEY (`Playlist\_idPlaylist`)

REFERENCES `mydb`.`Playlist` (`idPlaylist`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`discografica`

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

CREATE TABLE IF NOT EXISTS `mydb`.`discografica` (

`iddiscografica` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(30) NULL,

`pais` VARCHAR(30) NOT NULL,

PRIMARY KEY (`iddiscografica`))

ENGINE = InnoDB;

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

-- Table `mydb`.`artista`

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

CREATE TABLE IF NOT EXISTS `mydb`.`artista` (

`idartista` INT NOT NULL AUTO\_INCREMENT,

`nombre` VARCHAR(30) NOT NULL,

`imagen` VARCHAR(45) NULL,

PRIMARY KEY (`idartista`))

ENGINE = InnoDB;

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

-- Table `mydb`.`album`

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

CREATE TABLE IF NOT EXISTS `mydb`.`album` (

`idalbum` INT NOT NULL AUTO\_INCREMENT,

`titulo` VARCHAR(50) NOT NULL,

`anioPublicacion` DATE NOT NULL,

`discografica` VARCHAR(45) NOT NULL,

`portada` VARCHAR(45) NULL,

`discografica\_iddiscografica` INT NOT NULL,

`artista\_idartista` INT NOT NULL,

PRIMARY KEY (`idalbum`),

INDEX `fk\_album\_discografica1\_idx` (`discografica\_iddiscografica` ASC) VISIBLE,

INDEX `fk\_album\_artista1\_idx` (`artista\_idartista` ASC) VISIBLE,

CONSTRAINT `idcancion`

FOREIGN KEY (`idalbum`)

REFERENCES `mydb`.`canciones` (`idcanciones`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_album\_discografica1`

FOREIGN KEY (`discografica\_iddiscografica`)

REFERENCES `mydb`.`discografica` (`iddiscografica`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_album\_artista1`

FOREIGN KEY (`artista\_idartista`)

REFERENCES `mydb`.`artista` (`idartista`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `mydb`.`Seguridad`

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

CREATE TABLE IF NOT EXISTS `mydb`.`Seguridad` (

`idSeguridad` INT NOT NULL AUTO\_INCREMENT,

`usuario\_idusuario` INT NOT NULL,

`fecha` DATETIME NULL,

PRIMARY KEY (`idSeguridad`),

INDEX `fk\_Seguridad\_usuario1\_idx` (`usuario\_idusuario` ASC) VISIBLE,

CONSTRAINT `fk\_Seguridad\_usuario1`

FOREIGN KEY (`usuario\_idusuario`)

REFERENCES `mydb`.`usuario` (`idusuario`)

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;