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 roskilde\_daycare

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

DROP SCHEMA roskilde\_daycare;

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

-- Schema roskilde\_daycare

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

CREATE SCHEMA IF NOT EXISTS `roskilde\_daycare` DEFAULT CHARACTER SET utf8 ;

USE `roskilde\_daycare` ;

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

-- Table `roskilde\_daycare`.`parent`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`parent` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`parent` (

`parent\_id` INT NOT NULL AUTO\_INCREMENT,

`first\_name` VARCHAR(20) NOT NULL,

`last\_name` VARCHAR(20) NOT NULL,

`birth\_date` DATE NOT NULL,

`sex` VARCHAR(1) NULL,

PRIMARY KEY (`parent\_id`))

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`schedule`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`schedule` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`schedule` (

`schedule\_id` INT NOT NULL AUTO\_INCREMENT,

`nr\_activities` INT NOT NULL,

`nap\_hrs\_daily` INT NOT NULL,

`activity\_hrs\_weekly` INT NOT NULL,

PRIMARY KEY (`schedule\_id`))

-- INDEX `fk\_schedule\_group1\_idx` (`group\_id` ASC) VISIBLE,

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`group`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`group` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`group` (

`group\_id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(45) NULL,

`avg\_age` DECIMAL(2,1) NOT NULL,

`schedule\_id` INT NOT NULL,

PRIMARY KEY (`group\_id`),

CONSTRAINT `fk\_group\_schedule1`

FOREIGN KEY (`schedule\_id`)

REFERENCES `roskilde\_daycare`.`schedule` (`schedule\_id`)

ON DELETE CASCADE

ON UPDATE NO ACTION)

ENGINE = InnoDB;

-- UNIQUE INDEX `name\_UNIQUE` (`name` ASC) VISIBLE)

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

-- Table `roskilde\_daycare`.`child`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`child` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`child` (

`child\_id` INT NOT NULL AUTO\_INCREMENT,

`first\_name` VARCHAR(20) NOT NULL,

`last\_name` VARCHAR(20) NOT NULL,

`birth\_date` DATE NOT NULL,

`sex` VARCHAR(1) NULL,

`age` INT NOT NULL,

`joined\_date` DATE NULL,

`group\_id` INT,

`parent\_id` INT NOT NULL,

PRIMARY KEY (`child\_id`),

-- INDEX `fk\_child\_group1\_idx` (`group\_id` ASC) VISIBLE,

-- INDEX `fk\_child\_parent1\_idx` (`parent\_id` ASC) VISIBLE,

CONSTRAINT `fk\_child\_group1`

FOREIGN KEY (`group\_id`)

REFERENCES `roskilde\_daycare`.`group` (`group\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_child\_parent1`

FOREIGN KEY (`parent\_id`)

REFERENCES `roskilde\_daycare`.`parent` (`parent\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`teacher`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`teacher` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`teacher` (

`teacher\_id` INT NOT NULL AUTO\_INCREMENT,

`first\_name` VARCHAR(20) NOT NULL,

`last\_name` VARCHAR(20) NOT NULL,

`birth\_date` DATE NOT NULL,

`sex` VARCHAR(1) NULL,

`salary` INT NOT NULL,

`group\_id` INT,

`super\_id` INT,

PRIMARY KEY (`teacher\_id`),

-- INDEX `fk\_teacher\_group1\_idx` (`group\_id` ASC) VISIBLE,

-- INDEX `fk\_teacher\_teacher1\_idx` (`super\_id` ASC) VISIBLE,

CONSTRAINT `fk\_teacher\_group1`

FOREIGN KEY (`group\_id`)

REFERENCES `roskilde\_daycare`.`group` (`group\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_teacher\_teacher1`

FOREIGN KEY (`super\_id`)

REFERENCES `roskilde\_daycare`.`teacher` (`teacher\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`appointment`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`appointment` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`appointment` (

`appointment\_id` INT NOT NULL AUTO\_INCREMENT,

`date` DATE NOT NULL,

`time` INT NOT NULL,

`child\_id` INT NOT NULL,

`teacher\_id` INT NOT NULL,

PRIMARY KEY (`appointment\_id`),

-- INDEX `fk\_appointment\_child1\_idx` (`child\_id` ASC) VISIBLE,

-- INDEX `fk\_appointment\_teacher1\_idx` (`teacher\_id` ASC) VISIBLE,

CONSTRAINT `fk\_appointment\_child1`

FOREIGN KEY (`child\_id`)

REFERENCES `roskilde\_daycare`.`child` (`child\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_appointment\_teacher1`

FOREIGN KEY (`teacher\_id`)

REFERENCES `roskilde\_daycare`.`teacher` (`teacher\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`waiting\_list`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`waiting\_list` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`waiting\_list` (

`entry\_id` INT NOT NULL AUTO\_INCREMENT,

`date\_added` DATE NOT NULL,

`reason` VARCHAR(500) NOT NULL,

`child\_id` INT NOT NULL,

PRIMARY KEY (`entry\_id`),

-- INDEX `fk\_waiting\_list\_child1\_idx` (`child\_id` ASC) VISIBLE,

CONSTRAINT `fk\_waiting\_list\_child1`

FOREIGN KEY (`child\_id`)

REFERENCES `roskilde\_daycare`.`child` (`child\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`activity`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`activity` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`activity` (

`activity\_id` INT NOT NULL AUTO\_INCREMENT,

`name` VARCHAR(45) NOT NULL,

`desc` VARCHAR(500) NOT NULL,

PRIMARY KEY (`activity\_id`))

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`telephone\_list`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`telephone\_list` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`telephone\_list` (

`phone\_number` VARCHAR(8) NOT NULL,

`parent\_id` INT NOT NULL,

PRIMARY KEY (`phone\_number`, `parent\_id`),

CONSTRAINT `parent\_id`

FOREIGN KEY (`parent\_id`)

REFERENCES `roskilde\_daycare`.`parent` (`parent\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`schedule\_has\_activity`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`schedule\_has\_activity` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`schedule\_has\_activity` (

`schedule\_id` INT NOT NULL,

`activity\_id` INT NOT NULL,

`nr\_instances` INT NOT NULL,

PRIMARY KEY (`schedule\_id`, `activity\_id`),

-- INDEX `fk\_schedule\_has\_activity\_activity1\_idx` (`activity\_activity\_id` ASC) VISIBLE,

-- INDEX `fk\_schedule\_has\_activity\_schedule1\_idx` (`schedule\_schedule\_id` ASC) VISIBLE,

CONSTRAINT `fk\_schedule\_has\_activity\_schedule1`

FOREIGN KEY (`schedule\_id`)

REFERENCES `roskilde\_daycare`.`schedule` (`schedule\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_schedule\_has\_activity\_activity1`

FOREIGN KEY (`activity\_id`)

REFERENCES `roskilde\_daycare`.`activity` (`activity\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`user`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`user` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`user` (

`user\_id` INT NOT NULL AUTO\_INCREMENT,

`username` VARCHAR(45) NOT NULL,

`password` VARCHAR(45) NOT NULL,

`teacher\_id` INT NULL,

PRIMARY KEY (`user\_id`),

-- UNIQUE INDEX `password\_UNIQUE` (`password` ASC) VISIBLE,

-- INDEX `fk\_user\_teacher1\_idx` (`teacher\_id` ASC) VISIBLE,

CONSTRAINT `fk\_user\_teacher1`

FOREIGN KEY (`teacher\_id`)

REFERENCES `roskilde\_daycare`.`teacher` (`teacher\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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

-- Table `roskilde\_daycare`.`invoice`

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

DROP TABLE IF EXISTS `roskilde\_daycare`.`invoice` ;

CREATE TABLE IF NOT EXISTS `roskilde\_daycare`.`invoice` (

`invoice\_id` INT NOT NULL AUTO\_INCREMENT,

`amount` INT NOT NULL,

`date\_received` DATE NOT NULL,

`date\_sent` DATE NOT NULL,

`from` VARCHAR(45) NOT NULL,

`to` VARCHAR(45) NOT NULL,

`parent\_id` INT NULL,

`teacher\_id` INT NULL,

PRIMARY KEY (`invoice\_id`),

-- INDEX `fk\_invoice\_teacher\_idx` (`teacher\_id` ASC) VISIBLE,

-- INDEX `fk\_invoice\_parent\_idx` (`parent\_id` ASC) VISIBLE,

CONSTRAINT `fk\_invoice\_teacher`

FOREIGN KEY (`teacher\_id`)

REFERENCES `roskilde\_daycare`.`teacher` (`teacher\_id`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_invoice\_parent`

FOREIGN KEY (`parent\_id`)

REFERENCES `roskilde\_daycare`.`parent` (`parent\_id`)

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;