-- MySQL Script generated by MySQL Workbench

-- Sat Jul 22 23:18:12 2017

-- 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='TRADITIONAL,ALLOW\_INVALID\_DATES';

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-- Schema mydb

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-- Schema cteam

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

-- Schema cteam

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

CREATE SCHEMA IF NOT EXISTS `cteam` DEFAULT CHARACTER SET latin1 ;

USE `cteam` ;

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

-- Table `cteam`.`usersInfo`

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CREATE TABLE IF NOT EXISTS `cteam`.`usersInfo` (

`userSeq` INT(4) NOT NULL,

`userEmail` VARCHAR(30) NOT NULL,

`userPassword` VARCHAR(255) NOT NULL,

`userBirth` SMALLINT(1) NOT NULL,

`userFirstName` VARCHAR(20) NOT NULL,

`userLastName` VARCHAR(20) NOT NULL,

`userSex` BIT(1) NOT NULL,

`userLoginState` BIT(1) NOT NULL,

PRIMARY KEY (`userSeq`),

UNIQUE INDEX `userEmail\_UNIQUE` (`userEmail` ASC))

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`DayAVGHealthRecord`

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CREATE TABLE IF NOT EXISTS `cteam`.`DayAVGHealthRecord` (

`healthTime` TIMESTAMP NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`userSeq` INT(4) NULL DEFAULT NULL,

`hearthRateValue` INT(4) NULL DEFAULT NULL,

`breathingRateValue` INT(4) NULL DEFAULT NULL,

`hLatitude` FLOAT NULL DEFAULT NULL,

`hLongtitude` FLOAT NULL DEFAULT NULL,

PRIMARY KEY (`healthTime`),

INDEX `F\_healthRecord\_idx` (`userSeq` ASC),

CONSTRAINT `F\_healthRecord`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`DayAVGSensorRecord`

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

CREATE TABLE IF NOT EXISTS `cteam`.`DayAVGSensorRecord` (

`sensorTime` TIMESTAMP NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`userSeq` INT(4) NULL DEFAULT NULL,

`temperatureValue` FLOAT NULL DEFAULT NULL,

`COValue` FLOAT NULL DEFAULT NULL,

`SO2Value` FLOAT NULL DEFAULT NULL,

`NO2Value` FLOAT NULL DEFAULT NULL,

`O3Value` FLOAT NULL DEFAULT NULL,

`PMValue` FLOAT NULL DEFAULT NULL,

`SLatitude` FLOAT NULL DEFAULT NULL,

`SLongtitude` FLOAT NULL DEFAULT NULL,

PRIMARY KEY (`sensorTime`),

INDEX `F\_sensorRecord\_idx` (`userSeq` ASC),

CONSTRAINT `F\_sensorRecord`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`DayHealthRecord`

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

CREATE TABLE IF NOT EXISTS `cteam`.`DayHealthRecord` (

`hHealthTime` TIMESTAMP NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`userSeq` INT(4) NULL DEFAULT NULL,

`hHeartRateValue` INT(4) NULL DEFAULT NULL,

`hBreathingRateValue` INT(4) NULL DEFAULT NULL,

`hHlatitude` FLOAT NULL DEFAULT NULL,

`hHLongtitude` FLOAT NULL DEFAULT NULL,

PRIMARY KEY (`hHealthTime`),

INDEX `F\_48hHR\_idx` (`userSeq` ASC),

CONSTRAINT `F\_48hHR`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`DaySensorRecord`

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

CREATE TABLE IF NOT EXISTS `cteam`.`DaySensorRecord` (

`hSensorTime` TIMESTAMP NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`userSeq` INT(4) NULL DEFAULT NULL,

`hTemperatureValue` FLOAT NULL DEFAULT NULL,

`hCOValue` FLOAT NULL DEFAULT NULL,

`hSO2Value` FLOAT NULL DEFAULT NULL,

`hNO2Value` FLOAT NULL DEFAULT NULL,

`hO3Value` FLOAT NULL DEFAULT NULL,

`hPMValue` FLOAT NULL DEFAULT NULL,

`hSLatitude` FLOAT NULL DEFAULT NULL,

`hSLongtitude` FLOAT NULL DEFAULT NULL,

PRIMARY KEY (`hSensorTime`),

INDEX `userSeq\_idx` (`userSeq` ASC),

CONSTRAINT `F\_48hSR`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`adminInfo`

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

CREATE TABLE IF NOT EXISTS `cteam`.`adminInfo` (

`adminSeq` INT(4) NOT NULL,

`userSeq` INT(4) NOT NULL,

PRIMARY KEY (`adminSeq`),

INDEX `F\_adminInfo\_idx` (`userSeq` ASC),

CONSTRAINT `F\_adminInfo`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

-- Table `cteam`.`sensorsInfo`

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

CREATE TABLE IF NOT EXISTS `cteam`.`sensorsInfo` (

`sensorSeq` INT(4) NOT NULL,

`userSeq` INT(4) NULL DEFAULT NULL,

`sensorSerialNum` INT(4) NULL DEFAULT NULL,

PRIMARY KEY (`sensorSeq`),

UNIQUE INDEX `sensorSerialNum\_UNIQUE` (`sensorSerialNum` ASC),

INDEX `F\_sensorsInfo\_idx` (`userSeq` ASC),

CONSTRAINT `F\_sensorsInfo`

FOREIGN KEY (`userSeq`)

REFERENCES `cteam`.`usersInfo` (`userSeq`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB

DEFAULT CHARACTER SET = latin1;

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

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

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