CREATE TABLE `cteam`.`usersInfo` (

`userSeq` INT NOT NULL AUTO\_INCREMENT,

`userEmail` VARCHAR(30) NOT NULL,

`userPassword` VARCHAR(255) NOT NULL,

`userBirth` DATE 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));

CREATE TABLE `cteam`.`adminInfo` (

`adminSeq` INT NOT NULL,

`userSeq` INT NOT NULL,

PRIMARY KEY (`adminSeq`),

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

CONSTRAINT `userSeq`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION);

CREATE TABLE `cteam`.`48hSensorRecord` (

`hSensorTime` DATE NOT NULL,

`userSeq` INT NULL,

`hTemperatureValue` FLOAT NULL,

`hCOValue` DOUBLE NULL,

`hSO2Value` DOUBLE NULL,

`hNO2Value` DOUBLE NULL,

`hO3Value` DOUBLE NULL,

`hPMValue` DOUBLE NULL,

`hSLatitude` DOUBLE NULL,

`hSLongtitude` DOUBLE NULL,

PRIMARY KEY (`hSensorTime`));

CREATE TABLE `cteam`.`48hHealthRecord` (

`hHealthTime` DATE NOT NULL,

`userSeq` INT NULL,

`hHeartRateValue` INT NULL,

`hBreathingRateValue` INT NULL,

`hHlatitude` DOUBLE NULL,

`hHLongtitude` DOUBLE NULL,

PRIMARY KEY (`hHealthTime`));

CREATE TABLE `cteam`.`sensorsInfo` (

`sensorSeq` INT NOT NULL,

`userSeq` INT NULL,

`sensorSerialNum` INT NULL,

`sensorInfo` VARCHAR(45) NULL,

PRIMARY KEY (`sensorSeq`));

CREATE TABLE `cteam`.`SensorRecord` (

`sensorTime` DATE NOT NULL,

`userSeq` INT NULL,

`temperatureValue` FLOAT NULL,

`COValue` DOUBLE NULL,

`SO2Value` DOUBLE NULL,

`NO2Value` DOUBLE NULL,

`O3Value` DOUBLE NULL,

`PMValue` DOUBLE NULL,

`SLatitude` DOUBLE NULL,

`SLongtitude` DOUBLE NULL,

PRIMARY KEY (`sensorTime`));

CREATE TABLE `cteam`.`HealthRecord` (

`healthTime` DATE NOT NULL,

`userSeq` INT NULL,

`hearthRateValue` INT NULL,

`breathingRateValue` INT NULL,

`hLatitude` DOUBLE NULL,

`hLongtitude` DOUBLE NULL,

PRIMARY KEY (`healthTime`));

ALTER TABLE `cteam`.`sensorsInfo`

ADD INDEX `F\_sensorsInfo\_idx` (`userSeq` ASC);

ALTER TABLE `cteam`.`sensorsInfo`

ADD CONSTRAINT `F\_sensorsInfo`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION;

ALTER TABLE `cteam`.`SensorRecord`

ADD INDEX `F\_sensorRecord\_idx` (`userSeq` ASC);

ALTER TABLE `cteam`.`SensorRecord`

ADD CONSTRAINT `F\_sensorRecord`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION

ALTER TABLE `cteam`.`HealthRecord`

ADD INDEX `F\_healthRecord\_idx` (`userSeq` ASC);

ALTER TABLE `cteam`.`HealthRecord`

ADD CONSTRAINT `F\_healthRecord`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION;

ALTER TABLE `cteam`.`adminInfo`

ADD INDEX `F\_adminInfo\_idx` (`userSeq` ASC);

ALTER TABLE `cteam`.`adminInfo`

ADD CONSTRAINT `F\_adminInfo`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION;

ALTER TABLE `cteam`.`48hSensorRecord`

ADD CONSTRAINT `F\_48hSR`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION;

;

ALTER TABLE `cteam`.`48hHealthRecord`

ADD INDEX `F\_48hHR\_idx` (`userSeq` ASC);

ALTER TABLE `cteam`.`48hHealthRecord`

ADD CONSTRAINT `F\_48hHR`

FOREIGN KEY (`userSeq`)

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

ON DELETE NO ACTION

ON UPDATE NO ACTION;