智慧校园数据库SQL语句

学院信息表

create table tb\_Institute(

InsNO char(10) primary key,

InsName char(32) null

)

教师信息表

create table tb\_Teacher(

TeaNO char(10) primary key,

TeaName char(24) null,

TeaSex char(2) null,

TeaBirth datetime null,

TeaPro char(24) null,

InsName char(32) null,

TeaImage char(100) null

)

班级信息表

create table tb\_Class(

ClassNO char(10) primary key,

ClassName char(24) null,

InsName char(32) null,

TeaNO char(10) null,

TeaName char(24) null

)

学生信息表（学生档案）

create table tb\_Student(

StuNO char(10) primary key,

StuName char(24) null,

StuSex char(2) null,

StuNative char(16) null,

ClassNO char(10) null,

InsName char(32) null,

StuEntranceTime datetime null,

StuImage char(100) null

)

一卡通信息表

create table tb\_Card(

CardID char(10) primary key,

CardNO char(10) not null,

CardUserName char(24) null,

CardUserSex char(2) null,

InsName char(32) null,

CardUserPhoto char(100) null,

CardIsStu bit null

)

课程信息表

create table tb\_Course(

CourseNO char(16) primary key,

CourseName char(32) null,

CoursePeriods int null,

CourseCredit int null,

CourseType bit null,

CourseTerm int null,

CourseCheck char(24) null,

InsName char(32) null,

CourseDescribe char(100) null,

CourseOutline char(100) null

)

教室信息表

create table tb\_Classroom(

ClassroomNO char(10) not null,

ClassroomName char(24) not null,

primary key(ClassroomNO,ClassroomName),

ClassroomMax int null,

ClassroomVideo char(100) null,

Campus char(100) null

)

图书馆信息表

create table tb\_Library(

LibNO char(8) primary key,

LibName char(24) null,

LibLocation char(24) null,

Campus char(100) null

)

寝室信息

create table tb\_dormitory(

domNO char(8) primary key,

domName int null,

domLocation char(24) null,

Campus char(100) null

)

关系表：

自建数据类型CourseTime

create type CourseTime

from varchar(10) not null;

学生选课表

create table tb\_StuCourse(

StuNO char(10) not null,

CourseNO char(16) not null,

primary key(StuNO,CourseNO),

TeaNO char(10) null,

StuName char(24) null,

CourseName char(32) null,

TeaName char(24) null

)

学生上课表（待定）

create table tb\_StuClass(

ClassroomNO char(10) not null,

ClassroomName char(24) not null,

StartTime CourseTime not null,

primary key(ClassroomNO,ClassroomName,StartTime),

StuNO char(10) null,

CourseNO char(10) null

)

学生成绩表

create table tb\_StuGrade(

StuNO char(10) not null,

CourseNO char(16) not null,

primary key(StuNO,CourseNO),

CourseName char(32) null,

Score int null

)

学生实时出勤率表

create table tb\_StuRealRate(

StuNO char(10) not null,

CourseNO char(16) not null,

primary key(StuNO,CourseNO),

CourseName char(32) null,

LatePeriods int null,

EarlyLeavePeriods int null,

PresentPeriods int null,

FinishedPeriods int null,

AttendRate float null

)

课程排课表

create table tb\_CourseArrangement(

ClassroomNO char(10) not null,

ClassroomName char(24) not null,

StartTime CourseTime not null,

primary key(ClassroomNO,ClassroomName,StartTime),

EndTime CourseTime not null,

LessonPeriods int null,

CourseNO char(16) null,

TeaNO char(10) null,

TeaName char(24) null

)

学生上课考勤表

create table tb\_StuCheck(

CourseNO char(16) not null,

StuNO char(10) not null,

primary key(CourseNO,StuNO),

StuName char(24) null,

TeaNO char(10) null,

TeaName char(24) null,

ClassDate datetime null,

ClassTime CourseTime null,

Time1 bit null,

Time2 bit null,

Time3 bit null,

Time4 bit null,

Time5 bit null,

Time6 bit null,

Time7 bit null,

Time8 bit null

)

课程出勤率表

create table tb\_CourseAttend(

ClassroomNO char(10) not null,

ClassroomName char(24) not null,

StartTime CourseTime not null,

primary key(ClassroomNO,ClassroomName,StartTime),

CourseNO char(16) null,

TeaNO char(10) null,

ClassDate datetime null,

Supposed int null,

Practical int null,

Overdue int null,

BeAbsent int null,

LeaveEarly int null,

Unidentified int null

)

一卡通资产明细

create table tb\_CardAssets(

CardID char(10) primary key,

CardNO char(10) not null,

CardUserName char(24) null,

CardLocation char(32) null,

CostTime date null,

pyAmount float null,

Balance float null

)

图书馆打卡记录

create table tb\_LibPunch(

CardNO char(10) not null,

LibNO char(20) not null,

primary key(CardNO,LibNO),

LibEnterLeft bit null,

LibELtime TimeStamp

)

寝室打卡记录

create table tb\_domPunch(

CardNO char(10) not null,

domNO char(20) not null,

primary key(CardNO,domNO),

domEnterLeft bit null,

domELtime TimeStamp null

)

字典表