

table reserve_record

column recordID: BIGINT

预约记录ID；主键

column postTime: DATETIME

下单时间

column reserveDate: DATE

预约的目标日期

column startTime: TIME

限制一天中的部分整数时间点

column endTime: TIME

限制一天中的部分整数时间点

column status: varchar(32)

成功，完成，违约，取消

column userID: varchar(128)

外键；对应user表中的微信openid

column equipmentType: INT

设备类型

column equipmentID: INT #非设备唯一标识符；Type和ID唯一确定设备。

设备在该类型中的ID

table user

column userID: varchar(128); PRIMARY_KEY

openid

column status: varchar(32)

实际为绑定状态

column violationTimes: INT

违约次数

column freezeDate: DATE

开始冻结日期

column identity: varchar(32)

身份，如 student, teacher

column freezeStatus bool

是否冻结

table student

column stuID: varchar(16)

学号; 主键

column userID: varchar(128)

外键; 参照 user.userID

column name: varchar(32)

column department: varchar(32)

column cell: varchar(16)

column email: varchar(32)

table equipment

PRIMARY_KEY: (equipmentType, equipmentID)

column equipmentType: INT

column equipmentID: INT

非唯一标识符; 与equipmentType共同构成主键

column equipmentStatus: varchar(32)

标识与预约无关的状态: 损坏或者完好

table ruleTable

column ruleID: INT, primary key

column repeat: BOOL

是否重复

column day: INT

星期几

column date: DATE

日期

column startTime: TIME

开始时间

column endTime: TIME

结束时间

column expireDate: DATE

规则失效时间

table TableNotice

公告

column noticeContent: varchar(10000)

column noticeID: INT; PRIMARY_KEY

column noticeDate: DATE

column expireDate: DATE

table instruction

使用说明

column instructionContent: Text

column instructionID: INT

| 主键

column instructionName: varchar(64)

column instructionCoverURL: varchar(1024)

| 封面图链接

table equipmentType

column equipmentType: INT

| 主键

column equipmentName: varchar(256)

column equipmentDescription: varchar(1024)

column equipmentImageURL: varchar(1024)

column equipmentOrder: INT, unique

table admin

column userName: varchar(64)

column password: varchar(64)

table instructionTag

column instructionID INT

column tagName varchar(64)

column ID: serve as primary key ; BIGINT

table QRCode

column equipmentType INT, foreignkey

参照equipment.equipmentType

column equipmentID INT, foreign key

参照equipment.equipmentID

column hashCode: varchar(512), primary key

column QRCodeURL: varchar(1024)

二维码图片链接

table InstructionImage

column instructionID INT; foreign key

column imageURL varchar(512)

图片链接

column instructionImageID: serve as primary key ; BIGINT