

# APP接口文档

## 错误提示

状态码	提示	说明
SN001	Server internal error!	内部错误
SN002	Request timeout!	请求超时
SN003	Version number exception	版本错误
SN004	Global user ID can not be null	GUID不能为空
SN005	Signature error!	签名错误
SN006	No access!	没有权限(没有任何请求参数)
SN007	user not!	用户不存在
SN008	Other devices login!	其他设备登录
SN009	token time out!	token过期
SN200	无	返回数据成功
SN400	请json解码	返回数据数失败
SN401	请json解码	套餐被冻结
SN405	请json解码	不能预约这个级别的老师
SN408	请json解码	账号被禁用
SN505	请json解码	套餐是否可以约课

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## 各种ID说明(请详细阅读文档)

ID	类型	说明
student_guid	string	学生唯一ID
school_guid	string	校区唯一ID
lesson_guid	string	课程唯一ID
teacher_guid	string	教师唯一ID
bespeak_guid	string	约课唯一ID
course_guid	string	商品(套餐)的唯一ID

## 使用说明(请详细阅读文档)

1.导入libLXTAPIServer.a，include文件夹，LXTServer.bundle证书。

1. 在Build Setting中设置Enable bit为NO

3.在头文件中导入文件 #import "LXTAPINetworking.h"。

4.使用首先初始化SDK

```
[LXTAPINetworking initLXTAPI];
```

5.调用相关的接口：

```
[LXTAPINetworking lxt_loginWithUserName:@"1234567890" password:@"12345"school_guid
:@"d73706b77h7dh393je00163e106fb7" complete:^(BOOL succeeded, id result) {

    } fail:^(NSError *error) {

}];

complete:接口请求成功 success 1: 代表是否获得需求的数据 0:获取数据失败
fail: 服务器出现错误
```

## 相关接口介绍

### 1.集团登陆 获取该集团下的校区ID进行登陆，登陆后获取这个集团下的所有校区

方法

```
/* @param number 账号
@param password 密码
@param groupguid 集团guid
@param complete 成功后回调
@param fail 失败回调
*/

• (void)lxt_getSchoolGuidUser:(NSString *)number
    password:(NSString *)password
    groupguid:(NSString *)group_guid
    complete:(Complete)complete
    fail:(fail)fail;
```

请求参数

字段	必选	类型及范围	说明
number	是	string	手机号
password	是	string	密码
groupguid	是	string	集团ID

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
{
    ResultData = {
        message = (
            {
                "book_name" = "Business English Phase 1";
                count = 24;
                evolve = 16;
                "school_guid" = c69bcd14135b11e785b800163e106fb7;
                "school_name" = "\U725b\U6653\U4e1c";
                "school_status" = 1;
            }
        );
    };
    ServerNo = SN200;
    serverTime = 1495773169;
}
```

返回字段说明

返回值字段	字段类型	字段说明
school_status	string	学生账户在校区的状态 1：正常 2：冻结账户
school_guid	string	校区的guid
evolve	int	课程进度
count	int	课程总数
book_name	String	课程名称
school_name	string	校区名称

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## 2.登录

方法

/\*\*  
@param number 学生账号  
@param password 密码  
@param schoolCode 校区ID

@param complete 成功后回调  
@param fail 失败后回调  
\*/

- (void)xtloginWithUserName:(NSString \*)number  
password:(NSString \*)password  
school/guid:(NSString \*) school\_guid  
complete:(Complete)complete  
fail:(fail)fail;

请求参数

字段	必选	类型及范围	说明
phone	是	string	手机号
password	是	string	密码
school_guid	是	string	校区ID

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
{
  ResultData = {
    birthtime = "<null>";
    classCount = 0;
    email = "<null>";
    guid = fe183b5440f311e795e000163e106fb7;
    name = student;
    pic = "";
    sex = 1;
    tel = 15393131600;
    token = 6a17bfb6df9640429cddc17390987384;
  };
  ServerNo = SN200;
  serverTime = 1495773171;
}
```

返回字段说明

返回值字段	字段类型	字段说明
token	string	令牌
name	string	姓名
sex	int	默认为男 1男2女
tel	int	手机号码
guid	string	学生全局唯一ID
email	string	邮箱
birthtime	int	生日
pic	string	头像
classCount	int	上课次数

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### 3.获取学生个人信息

方法

```
/** @param guid 学生guid
@param token Token
@param complete 成功后回调
@param fail 失败后回调
*/

• (void)lxt_getStudentInformationGuid:(NSString *)guid
    token:(NSString *)token
    complete:(Complete)complete
    fail:(fail)fail;
    请求参数
```

字段	必选	类型及范围	说明
guid	是	string	学生唯一标识
token	是	string	令牌

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
{
  ResultData = {
    birthtime = "-28800";
    character = 2;
    email = "<null>";
    nickname = stdeiid;
    pic = "";
    sex = 2;
    tel = 15300000000;
  };
  ServerNo = SN200;
  serverTime = 1493969131;
}
```

返回字段说明

返回值字段	字段类型	字段说明
nickname	string	昵称
pic	string	用户头像
tel	int	电话
sex	int	默认为男 1男2女
email	string	邮箱
birthtime	int	生日

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## 4.修改个人信息

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方法

```
/**
@param guid 学生ID
@param school_guid 校区ID
@param tel 学生电话
@param userName 昵称
@param sex 性别
@param brithday 生日 时间戳格式
@param Email 邮箱地址
@param token Token
@param complete 成功回调
@param fail 失败回调
*/

• (void)lxt_getUpdageStudentInfoGuid:(NSString *)guid
    schoolguid:(NSString *)school_guid
    tel:(NSString *)tel
    userName:(NSString *)userName
    sex:(NSString *)sex
    brithday:(NSString *)brithday
```



Email:(NSString \*)Email  
token:(NSString \*)token  
complete:(Complete)complete  
fail:(fail)fail;  
请求参数

字段	必选	类型及范围	说明
guid	是	string	学生唯一标识
school_guid	是	string	校区ID
tel	是	string	学生手机号 (登录的手机号)
userName	是	string	昵称
sex	是	string	性别
birthtime	是	string	生日(时间戳)
email	是	string	邮箱
token	是	string	令牌

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
{
  "serverTime":1476114219,
  "ServerNo":"SN200",
  "ResultData":{"ResultData":{"name":"stud","birthtime":"-28800","email":"","tel":"18899998888","guid":"460f235e135a11e79acb00163e106fb7","sex":"1","school_guid":"41a0981ca1c611e6994800163e032fb9"},"serverTime":1490673970,"ServerNo":"SN200"}
}
```

返回字段说明

返回值字段	字段类型	字段说明
name	string	昵称
sex	int	默认为男 1男2女
guid	string	学生全局唯一ID
email	string	邮箱
birthtime	int	生日

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## 5.退出登录

### 方法

```
/**
@param guid 学生ID
@param complete 成功后回调
@param fail 失败后回调
*/

• (void)lxt_logoutWithUserGuid:(NSString *)guid
                        token:(NSString *)token
                complete:(Complete)complete
                  fail:(fail)fail;
```

### 请求参数

字段	必选	类型及范围	说明
guid	是	string	学生guid
token	是	string	令牌

### 返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
{
  "ServerTime":1476075691,
  "ServerNo":"SN200",
  "ResultData":登出成功
}
```

返回字段说明

无

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## 6. 获取学生课程列表(获取套餐课本信息)

方法

```
/**
@param guid 学生ID
@param school_guid 校区ID
@param token Token
@param complete 成功后回调
@param fail 失败后回调
*/

• (void)lxt_getMyCourseWithStudentID:(NSString *)guid
                        schoolguid:(NSString *)school_guid
                        token:(NSString *)token
                        complete:(Complete)complete
                        fail:(fail)fail;
```

请求参数

字段	必选	类型及范围	说明
guid	是	string	学生唯一标识
school_guid	是	string	校区ID
token	是	string	令牌

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码
ResultData	json	数据信息

返回结果

JSON示例

```
请求成功={
  ResultData = (
    {
      ServerTime = 1495770897;
      YKstatus = 1; // 是否解锁
      bespeakCount = 15;
      bespeakNo = 15;
      "book_id" = 49;
      "course_guid" = 70ceb828136b11e794eb00163e106fb7;
      endTime = 1498358634;
      evolve = 15;
      "lesson_guid" = fe5c5ae640f311e798a800163e106fb7;
      name = "Business English Phase 1";
      nolesson = 9;
      "package_name" = "\U4f18\U8d28\U5957\U9910";
      score = 0;
      section = 24;
      startTime = 1495680234;
      status = 1;
      transversePic = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/teachingmaterial/147755969275004582.jpg";
      type = 1;
      verticalPic = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/teachingmaterial/147755969266783492.jpg";
    }
  );
  ServerNo = SN200;
  serverTime = 1495770897;
}
```

## 返回字段说明

返回值字段	字段类型	字段说明
YKstatus	int	是否冻结 1.未冻结 2：冻结 (该课程已经预约完或者机构后台冻结此课程)
book_id	int	课本id
bespeakCount	int	已经上完的课程和预约的课程总和
bespeakNo	int	已经上完的课程和不能取消预约的课程总和（两个小时内约的课程不能取消）
lesson_guid	string	课程唯一ID
course_guid	string	商品唯一ID
evolve	int	课程进度
startTime	int	开始时间
endTime	int	结束时间
section	int	总课时
name	string	课程名称
package_name	string	套餐名称
transversePic	string	课程图片（横图）
vertical_pic	string	课程图片(竖)
score	int	总星数（这个课本获得老师评价的星星总数）
nolesson	int	未上课的节数
type	int	课程类型 套餐1 商城2 体验课3

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## 7.获取当前课本的进度

方法

```
/**
@param lessonguid 课程唯一Id
@param courseguid 商品ID @param classType 商品类型
@param guid 学员ID
@param token Token
@param complete 成功后回调
@param fail 失败后回调
*/

• (void)lxtgetStudentCourseLessonguid:(NSString *) lessonguid
                                courseguid:(NSString *) courseguid
                                classType:(NSString *)classType
                                studentID:(NSString *)guid
                                token:(NSString *)token
                                complete:(Complete)complete
                                fail:(fail)fail;
```

请求参数

字段	必选	类型及范围	说明
guid	是	string	学生唯一标识
course_guid	是	string	商品ID
classType	是	string	商品类型
lesson_guid	是	string	课程唯一Id
token	是	string	令牌

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码 SN200 成功 SN400 失败
ResultData	json	数据信息

返回结果

JSON示例

```

请求成功={
    ResultData =
    {
        bespeakCount = 15;
        className = "Business English Phase 1";
        classPic = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/teachingmaterial/147755969275004582.jpg";
        evolve = 15;
        section = 24;
        title =
        (
            {
                buke = 0;
                fluency = 0;
                "interactive_quality" = 0;
                "lesson_pic" = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/number/1.png";

                pptTitle = C1S1L1;
                pronunciation = 0;
                "sentence_pattern" = 0;
                vocabulary = 0;
            },
            {
                buke = 0;
                fluency = 0;
                "interactive_quality" = 0;
                "lesson_pic" = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/number/2.png";

                pptTitle = C1S1L2;
                pronunciation = 0;
                "sentence_pattern" = 0;
                vocabulary = 0;
            },
            {
                buke = 0;
                fluency = 0;
                "interactive_quality" = 0;
                "lesson_pic" = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/number/3.png";

                pptTitle = C1S1L3;
                pronunciation = 0;
                "sentence_pattern" = 0;
                vocabulary = 0;
            }
        );
    };
    ServerNo = SN200;
    serverTime = 1495771551;
}

```



返回字段说明

返回值字段	字段类型	字段说明
score	float	分数
className	string	课程名称
section	int	总课程节数
evolve	int	已上课的课程节数
classPic	string	教材图片(横图)

pptTitlestringl每节课的标题 lessonpic lstringl每节课的数字图片 buke lintl是否为补课的课程 fluency lintl上课是否流畅 interactivequality lintl互动评分 pronunciation lintl发音评分 sentence\_pattern lintl掌握句子评分 vocabulary lintl词汇掌握评分

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## 8. 根据条件获取老师上课列表

方法

```
/**
 *
 * @param guid 学生ID
 * @param lesson_guid 课程名称ID * @param sex 性别
 * @param dateUnix 选择时间
 * @param isCollect 是否是收藏的老师
 * @param page 当前页码
 * @param token Token
 * @param complete 成功后回调
 * @param fail 失败后回调
 */

• (void)lxt_getTeacherListStudentGuid:(NSString *)guid
  schoolguid:(NSString *)schoolguid
  lessonguid:(NSString *)lesson_guid
  Sex:(NSString *)sex
```

dateUnix:(NSString \*)dateUnix  
timeTag:(NSString \*)timeTag  
isCollect:(NSString \*)isCollect  
Page:(NSString \*)page  
token:(NSString \*)token  
complete:(Complete)complete  
fail:(fail)fail;

请求参数

字段	必选	类型及范围	说明
guid	是	string	签名
school_guid	是	string	校区ID
lesson_guid	是	string	课程名称ID
sex	是	string	0 默认不限,1男2女
dateUnix	是	string	选择日期当天晚上12点的时间（时间戳）
timeTag	是	string	取值范围 0-28 具体几点钟 1: 09:00 , 2: 09:30 , 3: 10:00, 4: 10:30, 5: 11:00 , 6: 11:30, 7: 12:00, 8: 12:30, 9: 13:00 , 10: 13:30, 11: 14:00,' 12: 14:30, 13: 15:00, 14: 15:30, 15: 16:00, 16: 16:30, 17: 17:00, 18: 17:30, 19: 18:00, 20: 18:30, 21: 19:00, 22: 19:30, 23: 20:00, 24: 20:30, 25: 21:00 ,26: 21:30, 27: 22:00, 28: 22:30
isCollect	是	string	是否收藏 收藏： 1 不收藏： 0
Page	是	string	页数
token	是	string	令牌

返回结果说明

字段	字段类型	字段说明
ServerTime	int	返回数据时间
ServerNo	string	状态码 SN200 成功 SN400失败
ResultData	json	数据信息

返回结果

## JSON示例

```
{
  ResultData = {
    count = 2;
    teacher = (
      {
        birthtime = 808588800;
        "book_id" = 49;
        count = 16;
        exp = 2;
        firstname = JJ;
        follow = 1;
        gender = 1;
        introduce = "Hello! My name is JJ! I \U200ehope every keep in mind to encourage my students to think in English, \U200eit will be a real step to learn and acquire the language successfully! \U200eLet us think English and speak English! Join my online classes and I will see you soon! \U200e";
        "lesson_list_id" = 42208;
        nationality = Kazakhstan;
        pic = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/assets/teachmg
t/images/1493708445203237.png";
        score = "4.6";
        startTime = 1495778400;
        "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
        type = English;
      },
      {
        birthtime = 808588800;
        "book_id" = 49;
        count = 16;
        exp = 2;
        firstname = JJ;
        follow = 1;
        gender = 1;
        introduce = "Hello! My name is JJ! I \U200ehope every keep in mind to encourage my students to think in English, \U200eit will be a real step to learn and acquire the language successfully! \U200eLet us think English and speak English! Join my online classes and I will see you soon! \U200e";
        "lesson_list_id" = 42209;
        nationality = Kazakhstan;
        pic = "http://weiyuyan2.oss-cn-beijing.aliyuncs.com/assets/teachmg
t/images/1493708445203237.png";
        score = "4.6";
        startTime = 1495780200;
        "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
        type = English;
      }
    )
  }
}
```

```
);
};
ServerNo = SN200;
serverTime = 1495772250;
}
```

返回字段说明

返回值字段	字段类型	字段说明
teacher_guid	string	教师Guid
firstname	int	姓
gender	int	性别 1男 2女
birthtime	int	出生日期
nationality	string	国籍
pic	string	图片
follow	int	是否关注 1 关注 0未关注
introduce	string	教师自我介绍
exp	string	教学经验
count	int	关注数
type	string	认证类型
score	int	教师评分
lesson/isfid	String	排课ID
book_id	String	套餐ID

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## 9. 获取某个老师的排课列表

方法

/\*\*

@param guid 学生ID  
@param teacher\_guid 老师ID @param token Token  
@param complete 成功后回调 @param fail 失败后回调  
\*/

- (void)lxt\_getTeacherClassGuid:(NSString \*)guid  
teacherguid:(NSString \*)teacherguid  
schoolguid:(NSString \*)school\_guid  
token:(NSString \*)token  
complete:(Complete)complete  
fail:(fail)fail;

请求参数

请求字段	必选	字段类型	字段说明
guid	是	string	学员唯一标识
teacher_guid	是	string	老师ID
school_guid	是	string	校区ID
token	是	string	令牌

返回结果说明

返回字段	字段类型	字段说明
serverTime	int	服务器时间
ServerNo	string	提示码 SN200 成功 SN400失败
ResultData	array	返回结果

返回结果

JSON示例

```
{
  ResultData = {
    StudentData = {
      num1 = (
    );
      num10 = (
    );
      num11 = (
    );
```

```

num12 =          (
);
num13 =          (
);
num14 =          (
);
num2 =           (
);
num3 =           (
);
num4 =           (
);
num5 =           (
);
num6 =           (
);
num7 =           (
);
num8 =           (
);
num9 =           (
);
};
TeaStuData =     {
    num1 =        (
        {
            addtime = 1495772153;
            "book_id" = 49;
            "class_guid" = "<null>";
            "class_schedule_guid" = "<null>";
            "class_time_stamp" = 1495774800;
            "end_time_stamp" = 1495776300;
            evolve = 16;
            guid = 02086d4841ca11e7936200163e106fb7;
            hour = "<null>";
            "is_created_room" = 0;
            "lesson_guid" = fe5c5ae640f311e798a800163e106fb7;
            "lesson_list_id" = 42206;
            "makeup_bespeak_guid" = 0;
            "school_guid" = c69bcd14135b11e785b800163e106fb7;
            status = 1;
            "student_evaluate_status" = 1;
            "student_guid" = fe183b5440f311e795e000163e106fb7;
            "student_late" = 1;
            "student_place" = 1;
            "teacher_evaluate_status" = 1;
            "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
            "teacher_late" = 1;

```

```

        "teacher_place" = 1;
        time = 1495728000;
        "time_pot" = 9;
        type = 2;
        whenlong = 25;
    },

    {
        addtime = 1495772159;
        "book_id" = 49;
        "class_guid" = "<null>";
        "class_schedule_guid" = "<null>";
        "class_time_stamp" = 1495776600;
        "end_time_stamp" = 1495778100;
        evolve = 17;
        guid = 05c20fa241ca11e79e0700163e106fb7;
        hour = "<null>";
        "is_created_room" = 0;
        "lesson_guid" = fe5c5ae640f311e798a800163e106fb7;
        "lesson_list_id" = 42207;
        "makeup_bespeak_guid" = 0;
        "school_guid" = c69bcd14135b11e785b800163e106fb7;
        status = 1;
        "student_evaluate_status" = 1;
        "student_guid" = fe183b5440f311e795e000163e106fb7;
        "student_late" = 1;
        "student_place" = 1;
        "teacher_evaluate_status" = 1;
        "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
        "teacher_late" = 1;
        "teacher_place" = 1;
        time = 1495728000;
        "time_pot" = 10;
        type = 2;
        whenlong = 25;
    }
);
num10 =          (
);
num11 =          (
);
num12 =          (
);
num13 =          (
);
num14 =          (
);
num2 =          (
);

```

```

num3 =          (
);
num4 =          (
);
num5 =          (
);
num6 =          (
);
num7 =          (
);
num8 =          (
);
num9 =          (
);
};
TeacherData =   {
    num1 =       (
        {
            addtime = 1495772140;
            "class_time" = 1495778400;
            id = 42208;
            length = 25;
            "lesson_type" = 3;
            status = 1;
            "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
            time = 1495728000;
            "time_pot" = 11;
        },
        {
            addtime = 1495772140;
            "class_time" = 1495780200;
            id = 42209;
            length = 25;
            "lesson_type" = 3;
            status = 1;
            "teacher_guid" = 00f3cc1aa24511e6945700163e033e10;
            time = 1495728000;
            "time_pot" = 12;
        }
    );
num10 =         (
);
num11 =         (
);
num12 =         (
);
num13 =         (
);

```



```
        num14 =          (
    );
    num2 =          (
    );
    num3 =          (
    );
    num4 =          (
    );
    num5 =          (
    );
    num6 =          (
    );
    num7 =          (
    );
    num8 =          (
    );
    num9 =          (
    );
};
};
ServerNo = SN200;
serverTime = 1495772557;
}
```

返回字段说明

返回字段	字段类型	字段说明
TeacherData	array	教师的排课信息
id	int	排课id
teacher_guid	string	教师全局guid
time	int	当天的时间
time_pot	int	具体几点钟 1: 09:00 , 2: 09:30 , 3: 10:00, 4: 10:30, 5: 11:00 , 6: 11:30, 7: 12:00, 8: 12:30, 9: 13:00 , 10: 13:30, 11: 14:00,' 12: 14:30, 13: 15:00, 14: 15:30, 15: 16:00, 16: 16:30, 17: 17:00, 18: 17:30, 19: 18:00, 20: 18:30, 21: 19:00, 22: 19:30, 23: 20:00, 24: 20:30, 25: 21:00 ,26: 21:30, 27: 22:00, 28: 22:30
status	int	状态 0 未排课 1 管理员排课 2已预约 3 教师排课
addtime	int	添加时间

lesson_type	int	排课人 1 管理员排课 3 教师排课
num1~num14	String	今天到未来14天的
StudentData	array	学生与其他老师的约课
TeaStuData	array	学生与此老师的约课
guid	string	课程的全局guid
student_guid	string	学生的guid
lesson/isfid	int	关联排课表的id
school_guid	string	校区guid
lesson_guid	string	mylesson我的课程的guid
addtime	int	添加时间
book_id	int	课本id
status	int	状态 1 正常 (默认1) 2取消
time	int	当天日期(Ymd) 0点的时间戳
time_pot	int	具体几点钟 1: 09:00 , 2: 09:30 , 3: 10:00, 4: 10:30, 5: 11:00 , 6: 11:30, 7: 12:00, 8: 12:30, 9: 13:00 , 10: 13:30, 11: 14:00, '12: 14:30, 13: 15:00, 14: 15:30, 15: 16:00, 16: 16:30, 17: 17:00, 18: 17:30, 19: 18:00, 20: 18:30, 21: 19:00, 22: 19:30, 23: 20:00, 24: 20:30, 25: 21:00 ,26: 21:30, 27: 22:00, 28: 22:30
teacher_guid	string	教师全局guid
student_place	int	学生就位情况 1 缺席(默认) 2 正常
teacher_place	int	老师就位情况 1 缺席(默认) 2 正常
evolve	int	课程进度
classtimestamp	int	当前上课时间戳
studentevaluatestatus	int	学生对老师 1 未评价 2 已评价
teacherevaluatestatus	int	老师对学生 1 未评价 2 已评