create table student(

`stu\_id` int NOT NULL AUTO\_INCREMENT COMMENT '学生ID',

`stu\_number` varchar(64) NOT NULL UNIQUE comment '学号',

`stu\_name` varchar(64) comment '姓名',

`gender` varchar(64) comment '性别',

`grade` varchar(64) comment '年级',

`major` varchar(64) comment '专业',

`class\_name` varchar(64) comment '班级名称',

`tea\_number` int DEFAULT 0 comment '教师编号',

`user\_id` int DEFAULT '0' NOT NULL comment '用户ID',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (stu\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '学生';

create table study\_plan(

` study\_plan\_id` int NOT NULL AUTO\_INCREMENT COMMENT '学习计划ID',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`class\_name` varchar(64) comment '班级名称',

`tea\_number` int DEFAULT 0 comment '教师编号',

`plan\_name` varchar(64) comment '计划名称',

`time\_trend` int comment '计时方向',

`plan\_time` int comment '计划时长',

`today\_times` int DEFAULT 0 comment '今日完成次数',

`total\_times` int DEFAULT 0 comment '总完成次数',

`today\_time` int comment '今日时长,

`total\_time` int comment '总时长',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (study\_plan\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '学习计划';

create table goal\_plan(

`goal\_plan\_id` int NOT NULL AUTO\_INCREMENT COMMENT '目标计划ID',

`stu\_user` int DEFAULT 0 comment '学生用户',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`class\_name` varchar(64) comment '班级名称',

`tea\_number` int DEFAULT 0 comment '教师编号',

`end\_time` datetime comment '结束时间',

`state` varchar(64) DEFAULT 0 comment '完成状态',

`goal\_name` varchar(64) comment '目标名称',

`goal\_describe` varchar(64) comment '目标描述',

`day` int comment '天数',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (goal\_plan\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '目标计划';

create table experience(

`experience\_id` int NOT NULL AUTO\_INCREMENT COMMENT '心得ID',

`stu\_user` int DEFAULT 0 comment '学生用户',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`class\_name` varchar(64) comment '班级名称',

`study\_plan\_name` varchar(64) comment '学习计划名称',

`start\_time` datetime comment '开始时间',

`end\_time` datetime comment '结束时间',

`content` longtext comment '心得内容',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (experience\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '心得';

create table clock(

`clock\_id` int NOT NULL AUTO\_INCREMENT COMMENT '打卡ID',

`stu\_user` int DEFAULT 0 comment '学生用户',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`up\_time` datetime NOT NULL comment '起床打卡时间',

`sleep\_time` datetime NOT NULL comment '睡眠打卡时间',

PRIMARY KEY (clock\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '打卡';

create table study\_room (

`study\_room\_id` int NOT NULL AUTO\_INCREMENT COMMENT '自习室ID',

`stu\_user` int DEFAULT 0 comment '学生用户',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`study\_room\_name` varchar(64) comment '自习室名称',

`study\_room\_introduce` varchar(64) comment '自习室简介',

`password` varchar(64) NOT NULL DEFAULT '' COMMENT '密码：由6-16位数字或英文组成',

`join\_num` int DEFAULT 0 comment '加入人数',

`limit\_num` int DEFAULT 0 comment '限定人数',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

PRIMARY KEY (study\_room\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '自习室';

create table accomplishment(

`accomplishment\_id` int NOT NULL AUTO\_INCREMENT COMMENT '成就ID',

`stu\_user` int DEFAULT 0 comment '学生用户',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '姓名',

`accomplishment\_name` varchar(64) comment '成就名称',

`accomplishment\_condition` varchar(64) comment '成就简介',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

PRIMARY KEY (study\_room\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '成就';

create table notice(

`notice\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '通知ID',

`title` varchar(64) comment '标题',

`type` varchar(64) comment '类型 如公告、通知、消息、快报',

`tea\_number` int(11) DEFAULT 0 comment '教师编号',

`publish\_time` date comment '发布时间',

`content` longtext comment '内容',

`level` int comment '级别（置顶）',

`received` int DEFAULT 0 comment '确认收到',

`received\_num` int DEFAULT 0 comment '确认收到人数',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (notice\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '通知';

create table student\_information(

`stu\_information\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '学生信息ID',

`class\_number` varchar(64) comment '班级号',

`stu\_number` varchar(64) comment '学号',

`stu\_name` varchar(64) comment '学生姓名',

`tel` varchar(16) comment '电话',

`major` varchar(64) comment '专业',

`tea\_number` int(11) DEFAULT 0 comment '教师编号',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (student\_information\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '学生信息';

create table teacher(

`tea\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '教师ID',

`tea\_number` varchar(64) NOT NULL UNIQUE comment '教师编号',

`tea\_name` varchar(64) comment '教师姓名',

`gender` varchar(64) comment '性别',

`courses` varchar(64) comment '所教课程',

`class\_name` text comment '班级名称',

`examine\_state` varchar(16) DEFAULT '已通过' NOT NULL comment '审核状态',

`user\_id` int(11) DEFAULT '0' NOT NULL comment '用户ID',

`create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',

PRIMARY KEY (teacher\_id)

)ENGINE=InnoDB DEFAULT CHARSET=utf8 comment '教师';

create table upload (

`upload\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '上传ID',

`name` varchar(64) DEFAULT NULL COMMENT '文件名',

`path\_file` varchar(255) DEFAULT NULL COMMENT '文件路径',

`type` varchar(32) DEFAULT NULL COMMENT '文件类型',

PRIMARY KEY (`upload\_id`) USING BTREE

)ENGINE=MyISAM DEFAULT CHARSET=utf8 ROW\_FORMAT=DYNAMIC;

create table user(

`user\_id` int unsigned NOT NULL AUTO\_INCREMENT COMMENT '用户ID：[0,8388607]用户获取其他与用户相关的数据',

`user\_group` varchar(32) DEFAULT NULL COMMENT '所在用户组：[0,32767]决定用户身份和权限',

`phone` varchar(11) DEFAULT NULL COMMENT '手机号码：[0,11]用户的手机号码，用于找回密码时或登录时',

`username` varchar(16) NOT NULL DEFAULT '' COMMENT '用户名：[0,16]用户登录时所用的账户名称',

`nickname` varchar(16) DEFAULT '' COMMENT '昵称：[0,16]',

`password` varchar(64) NOT NULL DEFAULT '' COMMENT '密码：[0,32]用户登录所需的密码，由6-16位数字或英文组成',

`email` varchar(64) DEFAULT '' COMMENT '邮箱：[0,64]用户的邮箱，用于找回密码时或登录时',

`avatar` varchar(255) DEFAULT NULL COMMENT '头像地址：[0,255]',

`create\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间：',

PRIMARY KEY (`user\_id`) USING BTREE

)ENGINE=MyISAM DEFAULT CHARSET=utf8 ROW\_FORMAT=DYNAMIC COMMENT='用户账户：用于保存用户登录信息';

create table user\_group(

`group\_id` mediumint(8) unsigned NOT NULL AUTO\_INCREMENT COMMENT '用户组ID：[0,8388607]',

`name` varchar(16) NOT NULL DEFAULT '' COMMENT '名称：[0,16]',

`source\_table` varchar(255) DEFAULT NULL COMMENT '来源表：',

`source\_field` varchar(255) DEFAULT NULL COMMENT '来源字段：',

`source\_id` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '来源ID：',

`register` smallint(1) unsigned DEFAULT '0' COMMENT '注册位置:',

`create\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间：',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间：',

PRIMARY KEY (`group\_id`) USING BTREE

)ENGINE=MyISAM DEFAULT CHARSET=utf8 ROW\_FORMAT=DYNAMIC COMMENT='用户组：用于用户前端身份和鉴权';

create table comment(

`comment\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '评论ID',

`stu\_name` varchar(64) comment '姓名',

`source\_table` varchar(255) DEFAULT NULL COMMENT '来源表：',

`source\_field` varchar(255) DEFAULT NULL COMMENT '来源字段：',

`source\_id` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '来源ID：',

`content` longtext comment '评论内容',

`experience\_id` int DEFAULT '0' NOT NULL comment '心得ID',

`create\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间：',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间：',

PRIMARY KEY (`comment\_id`) USING BTREE

)ENGINE=MyISAM DEFAULT CHARSET=utf8 ROW\_FORMAT=DYNAMIC COMMENT='评论';

create table hits(

`hits\_id` int(10) unsigned NOT NULL AUTO\_INCREMENT COMMENT '点赞ID：',

`user\_id` int(11) unsigned NOT NULL DEFAULT '0' COMMENT '点赞人：',

`experience\_id` int DEFAULT '0' NOT NULL comment '心得ID',

`create\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间：',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间：',

`source\_table` varchar(255) CHARACTER SET utf8 DEFAULT NULL COMMENT '来源表：',

`source\_field` varchar(255) CHARACTER SET utf8 DEFAULT NULL COMMENT '来源字段：',

`source\_id` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '来源ID：',

PRIMARY KEY (`hits\_id`) USING BTREE

)ENGINE=InnoDB DEFAULT CHARSET=latin1 ROW\_FORMAT=DYNAMIC;

create table communication (

`communication\_id` int(11) NOT NULL AUTO\_INCREMENT COMMENT '解惑ID',

`stu\_name` varchar(64) comment '姓名',

`source\_table` varchar(255) DEFAULT NULL COMMENT '来源表：',

`source\_field` varchar(255) DEFAULT NULL COMMENT '来源字段：',

`source\_id` int(10) unsigned NOT NULL DEFAULT '0' COMMENT '来源ID：',

`content` longtext comment '问题/解答内容',

`study\_room\_id` int DEFAULT '0' NOT NULL comment '自习室ID',

`create\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间：',

`update\_time` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间：',

PRIMARY KEY (`communication\_id`) USING BTREE

)ENGINE=MyISAM DEFAULT CHARSET=utf8 ROW\_FORMAT=DYNAMIC COMMENT='解惑';