

#File: create_admin_tables.sql

#Purpsoe: contain all of the administration tables for the online gradebook project

```
CREATE TABLE Contact (
    contact_did      INT NOT NULL PRIMARY KEY AUTO_INCREMENT, # district ID
    contact_title    VARCHAR(100),
    contact_name     VARCHAR(100),
    contact_phone    VARCHAR(25),
    contact_email    VARCHAR(100)
);
```

```
CREATE TABLE District (
    dist_did        INT NOT NULL PRIMARY KEY AUTO_INCREMENT, # district ID
    dist_name       VARCHAR(100),
    dist_address    VARCHAR(100),
    dist_city       VARCHAR(50),
    dist_state      VARCHAR(25),
    dist_phone      VARCHAR(25),
    dist_fax        VARCHAR(25),
    dist_zip        VARCHAR(25),
    dist_uid1       VARCHAR(40),
    dist_pw1        VARCHAR(40),
    dist_uid2       VARCHAR(40),
    dist_pw2        VARCHAR(40)
);
```

```
CREATE TABLE School (
    s_sid           INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    s_did           INT NOT NULL, # district id
    s_name          VARCHAR(100),
    s_address       VARCHAR(100),
    s_city          VARCHAR(50),
    s_state         VARCHAR(25),
    s_zip           VARCHAR(25),
    s_principal    VARCHAR(100),
    s_uid1          VARCHAR(40),
    s_pw1           VARCHAR(40),
    s_uid2          VARCHAR(40),
    s_pw2           VARCHAR(40)
);
```

```
CREATE TABLE Department (
    dept_id         INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    dept_sid        INT NOT NULL, # school id - unique accross all schools
    dept_name       VARCHAR(100),
    dept_chair      VARCHAR(100), # name is here if dept_chair_id = NULL or 0
    dept_tid        int # if the chair is a teacher, what is the tid
);
```

```
CREATE TABLE Course (
    course_id      INT NOT NULL PRIMARY KEY AUTO_INCREMENT,
    course_dept    INT NOT NULL, # department id - unique accross all departments
    course_name    varchar(100),
    course_type    char          # 'R' required, 'E' Elective
);
```