

College

| college               |  |
|-----------------------|--|
| id INT                |  |
| name VARCHAR(64)      |  |
| address VARCHAR(255)  |  |
| dean_id INT(11)       |  |
| create_time DATETIME  |  |
| update_time TIMESTAMP |  |
| Indexes               |  |

| department                 |  |
|----------------------------|--|
| id INT(11)                 |  |
| college_id INT(11)         |  |
| department_head_id INT(11) |  |
| name VARCHAR(64)           |  |
| create_time DATETIME       |  |
| update_time TIMESTAMP      |  |
| address VARCHAR(64)        |  |
| Indexes                    |  |

Employee

| employee                 |  |
|--------------------------|--|
| id INT(11)               |  |
| name VARCHAR(64)         |  |
| address VARCHAR(255)     |  |
| salary INT(11)           |  |
| employee_type TINYINT(2) |  |
| create_time DATETIME     |  |
| update_time TIMESTAMP    |  |
| Indexes                  |  |

Student

| student               |  |
|-----------------------|--|
| id INT(11)            |  |
| department_id INT(11) |  |
| name VARCHAR(64)      |  |
| email VARCHAR(32)     |  |
| password VARCHAR(255) |  |
| address VARCHAR(255)  |  |
| year VARCHAR(32)      |  |
| is_grad TINYINT(2)    |  |
| create_time DATETIME  |  |
| update_time TIMESTAMP |  |
| Indexes               |  |

| student_course        |  |
|-----------------------|--|
| id INT(11)            |  |
| student_id INT(11)    |  |
| course_id INT(11)     |  |
| year VARCHAR(32)      |  |
| create_time DATETIME  |  |
| update_time TIMESTAMP |  |
| Indexes               |  |

| student_degree              |  |
|-----------------------------|--|
| id INT(11)                  |  |
| year VARCHAR(32)            |  |
| student_id INT(11)          |  |
| year_degree INT(11)         |  |
| accumulative_degree INT(11) |  |
| create_time DATETIME        |  |
| update_time TIMESTAMP       |  |
| Indexes                     |  |

| student_phone         |  |
|-----------------------|--|
| id INT(11)            |  |
| student_id INT(11)    |  |
| phone VARCHAR(12)     |  |
| create_time DATETIME  |  |
| update_time TIMESTAMP |  |
| Indexes               |  |

Courses

| course                |  |
|-----------------------|--|
| id INT                |  |
| prof_id INT(11)       |  |
| ta_id INT(11)         |  |
| name VARCHAR(64)      |  |
| create_time DATETIME  |  |
| update_time TIMESTAMP |  |
| Indexes               |  |

| course_prerequisite          |  |
|------------------------------|--|
| id INT(11)                   |  |
| course_id INT(11)            |  |
| prerequisites_course INT(11) |  |
| create_time DATETIME         |  |
| update_time TIMESTAMP        |  |
| Indexes                      |  |