University Student Management System

User Manual

content

1. Introduction

1.1 Purpose

Welcome to the University Course and Student Information System. This system is designed to store and manage information related to students and courses offered in a university. The system provides different levels of access to administrators and students so they can browse, add, modify, and delete course and student information.

The Student Management System is a comprehensive student management platform, which includes the input of student information, students choose courses and students to the course scores of the inquiry function. This manual is aimed at the student user group.1.2 Login mode

1.2.1 Login interface

The login screen to enter the system is identity selection, student or administrator. Select students to enter the system for course selection or score inquiry. Select the administrator to enter the system to input and delete the student information, but also to modify the course information. The third option is to exit the program and stop running.

The system ensures that information entered is unique. This means that a student's ID number and course ID will not appear twice in the system.

1.2.2 Main interface

a) choose student:

After entering the system by selecting student identity, there are four functional options: the first is course selection, the second is score query, the third is to view the selected courses, and the fourth is to quit the program and stop running.

```
********************************
*  Please input your student ID:  *
********************************
1
*****************************
* 1. choose course             *
* 2. query mark                *
* 3. view the chosen course    *
* 4. view user     information*
* 5. quit                      *
*****************************
Please input a number to run the program: _
```

b) choose administrator:

After entering the system by selecting administrator identity, there are four functional options:

```
************************
* 1. student           *
* 2. administrater     *
* 3. quit              *
************************
2
*************************
* 1. manage courses     *
* 2. manage students    *
* 3. manage marks       *
* 4. set user information *
* 5. view user information *
* 6. quit               *
*************************
Please input a number to run the program:
```

2. Function

2.1 For student

2.1.1 Choose course

```
Please input a number to run the program: 1
          Code          Name  Enoroll grade  Enoroll major
          MTH           math               2            cst
Please choose the code from above:
MTH
Successfully chosen!
****************************
* 1. choose course         *
* 2. query mark            *
* 3. view the chosen course *
* 4. view my information    *
* 5. quit                  *
****************************
Please input a number to run the program: 1
          Code          Name  Enoroll grade  Enoroll major
          MTH           math               2            cst
Please choose the code from above:
MTH
You have chosen it, please choose another:
```

Students can choose their favorite courses in this module. If the selected course exists, the course selection is successful; if the selected course does not exist, it will be output "choose again". If the same course is selected again, "You have chosen it, please choose another:" will be printed. Students can use the system to select new courses for upcoming semesters. Students cannot modify course selections made by other students.

2.1.2 Query mark

Students can check their grades in this module. First by inputting the course code for score query, if the student did not choose the course, "You have not chosen the course with the given code." will be output. If all is well, the program gives the student a grade for the course. The system allows users to search for specific course or student information using different search parameters. Users can view their own information, including personal information and past grades.

2.2 For administrator

2.2.1 Manage course

```
*************************
* 1.  add courses        *
* 2.  search for course  *
* 3.  delete courses     *
* 4.  modify courses     *
* 5.  quit               *
*************************
Please input a number to run the program: 2
Input code (input "*" to list all course): *
          Code           Name   Enoroll grade   Enoroll major
           MTH           math               2             cst
```

Administrators can add and delete courses in this module. The system allows administrators to manage course information. This includes adding, deleting, and modifying information related to courses.

2.2.2 Manage student

```
*************************
* 1.  add student        *
* 2.  search for student *
* 3.  delete student     *
* 4.  modify student     *
* 5.  quit               *
*************************
Please input a number to run the program:
```

```
*************************
* 1.  add student        *
* 2.  search for student *
* 3.  delete student     *
* 4.  modify student     *
* 5.  quit               *
*************************
Please input a number to run the program: 1
Student Id: 1
name: zhangsan
Grade: 2
Major: cst
Mobile: 12345
Emile: 123
Add another student (0: no, 1: yes) ? 0
```

```
*************************
* 1.  add student        *
* 2.  search for student *
* 3.  delete student     *
* 4.  modify student     *
* 5.  quit               *
*************************
Please input a number to run the program: 2
Input id (input "*" to list all students): *
         id          name          grade          major          mobile          email
          1       zhangsan              2            cst           12345            123
```

Administrators can add and delete students in this module. The system allows administrators to manage student information. This includes adding, deleting, and modifying information related to students.

2.2.3 Search and modify mark

Administrators can search and modify mark in this module. The system allows administrators to manage mark. This includes adding, deleting, and modifying information related to mark.

2.2.4 Check course choose and check user information

```
Please input a number to run the program: 1
          Code            Name  Enoroll grade  Enoroll major
          MTH             math            2            cst
Please choose the code from above:
MTH
Successfully chosen!
****************************
* 1.  choose course        *
* 2.  query mark           *
* 3.  view the chosen course *
* 4.  view my information   *
* 5.  quit                 *
****************************
Please input a number to run the program: 1
          Code            Name  Enoroll grade  Enoroll major
          MTH             math            2            cst
Please choose the code from above:
MTH
You have chosen it, please choose another:
```

The administrator can query the selected courses in this module.

2.2.5 View the information of current user

Both student and administrator can view their own basic information. The student information should be set by the administrator and it cannot be modified by the student. The administrator can set and view his information. If he view the information before set it, it will show "haven't set".

```
****************************
* 1.  manage courses       *
* 2.  manage students      *
* 3.  manage marks         *
* 4.  set my information    *
* 5.  view my information   *
* 6.  quit                 *
****************************
Please input a number to run the program: 5
          Name            Title        Programme
     haven't set      haven't set     haven't set
```

```
Name            Title       Programme
 Bob         Professor         Science
```

2.3 Security and Confidentiality

Administrator: Admin users have full access to the system and can perform various administrative functions such as modifying and deleting course and student information.

Student: Student users have limited access and can only view their own information and select new courses.