
User Manual



Course Registration System (CRS)

Version: Beta 1.1

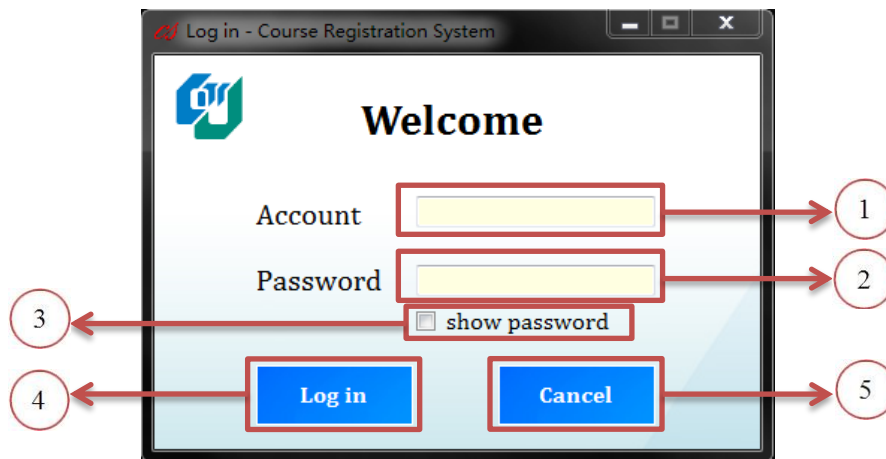
2013

CRS User Manual

Contents

1. Log in.....	Page 3
2. Administrator Functions	
2.1 Administrator Interface.....	Page 5
2.2 Administrator Course Interface.....	Page 6
2.3 Administrator Student Interface.....	Page12
3. Student Functions	
3.1 Student Interface.....	Page18
3.2 Register/Drop Course Interface.....	Page19
3.3 Show All Courses Interface.....	Page23
3.4 Modify Information Interface.....	Page24
3.5 Show All Grades.....	Page26
3.6 Change Password.....	Page27
4. Exit.....	Page30
5. Developers.....	Page31

1. Log in

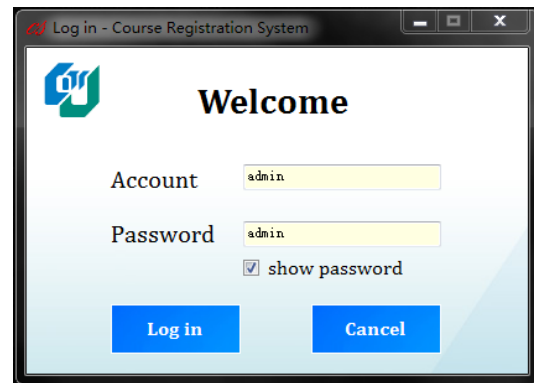
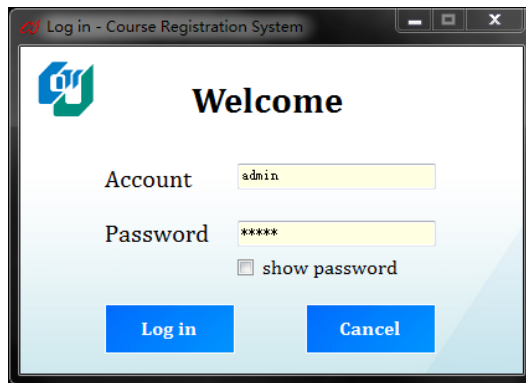


Interface

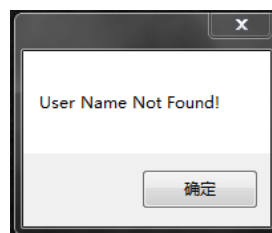
- | | |
|-----------------|------------------|
| ① Account input | ② Password input |
| ③ Show password | ④ Log in button |
| ⑤ Cancel button | |

Cases:

1. Hide the password for safety

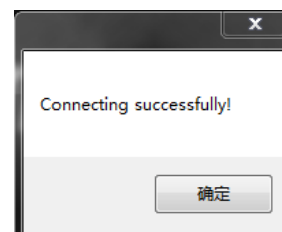
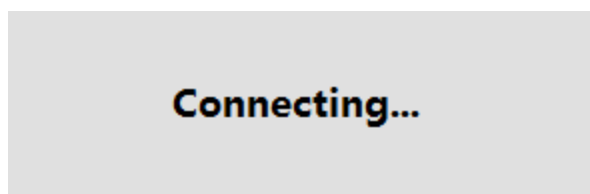


2. Wrong password OR Wrong account



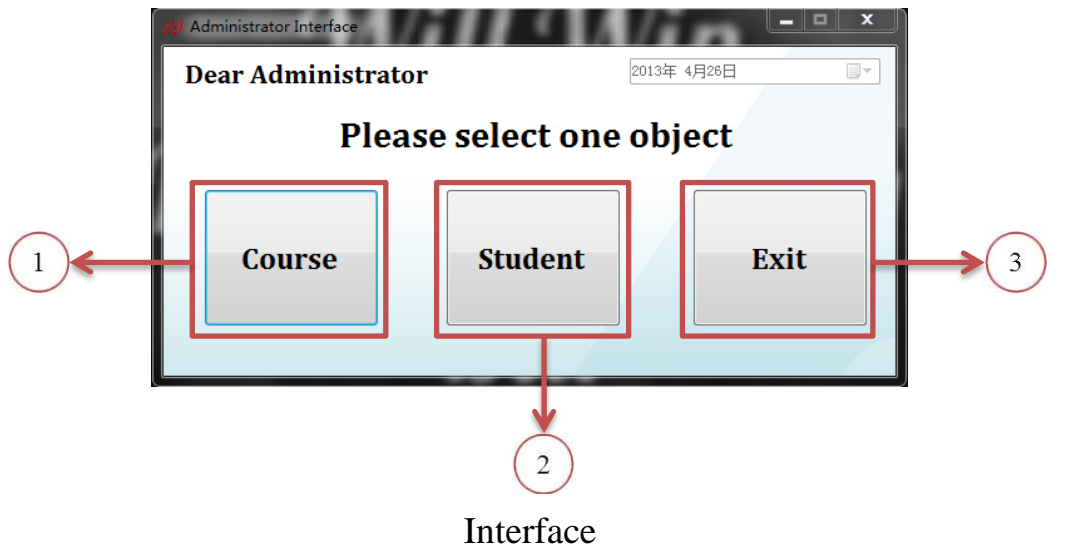
4

3. Connecting successfully



2. Administrator Functions

2.1-Administrator Interface

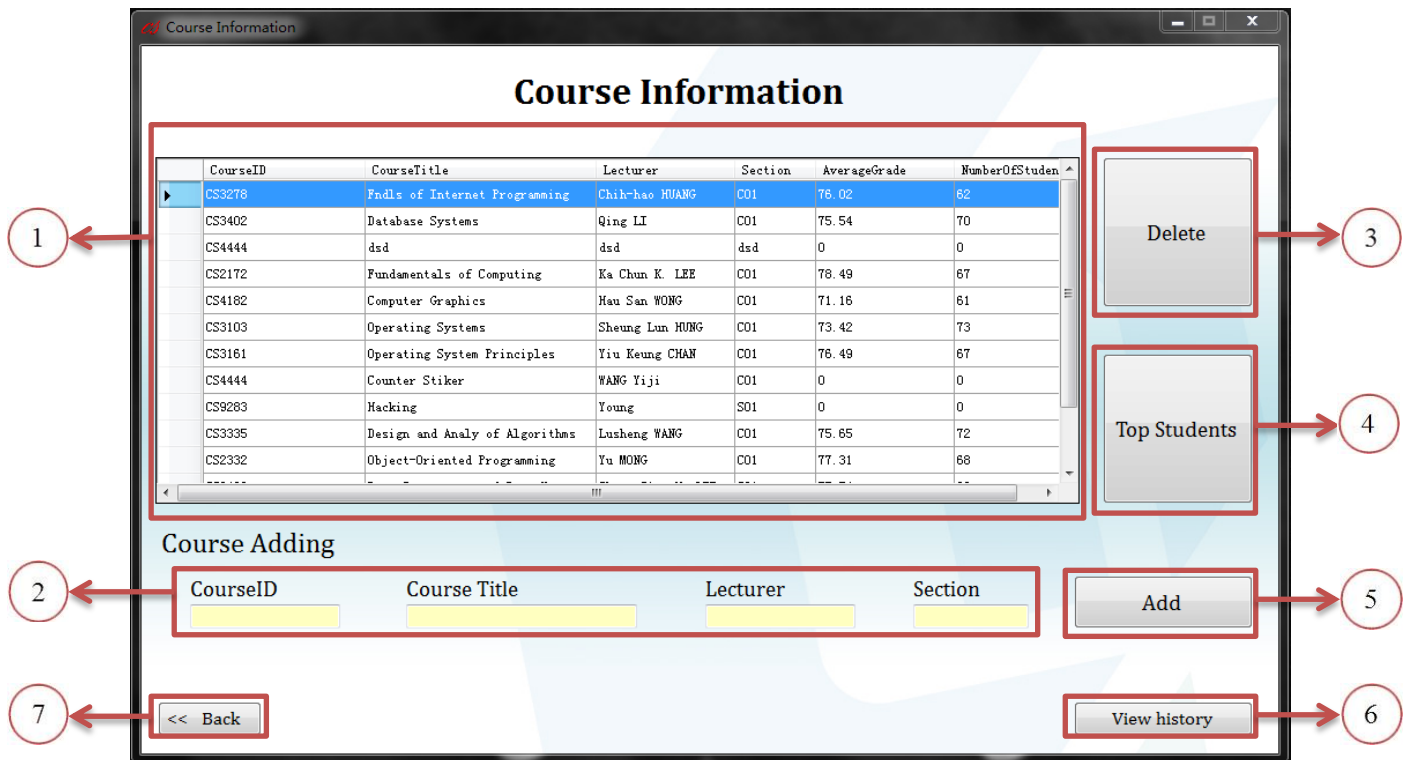


1 Call course interface

2 Call student interface

3 Exit

2.2-Administrator Course Interface

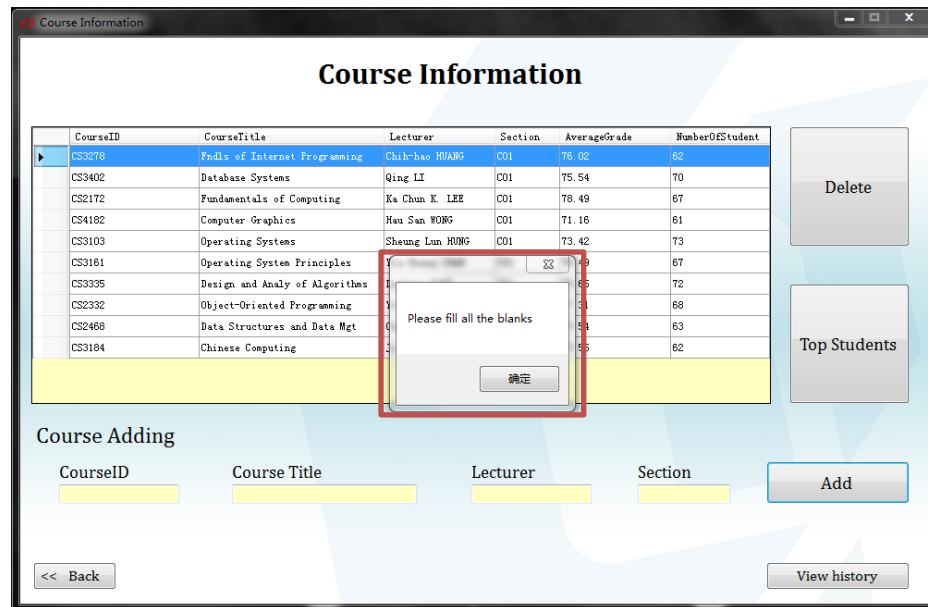


Interface

- 1 List all the courses
- 2 Information for the course to be added
- 3 Delete a selected course
- 4 List top students in the selected course
- 5 Add a course
- 6 View the history containing the courses deleted before
- 7 Back to administrator interface

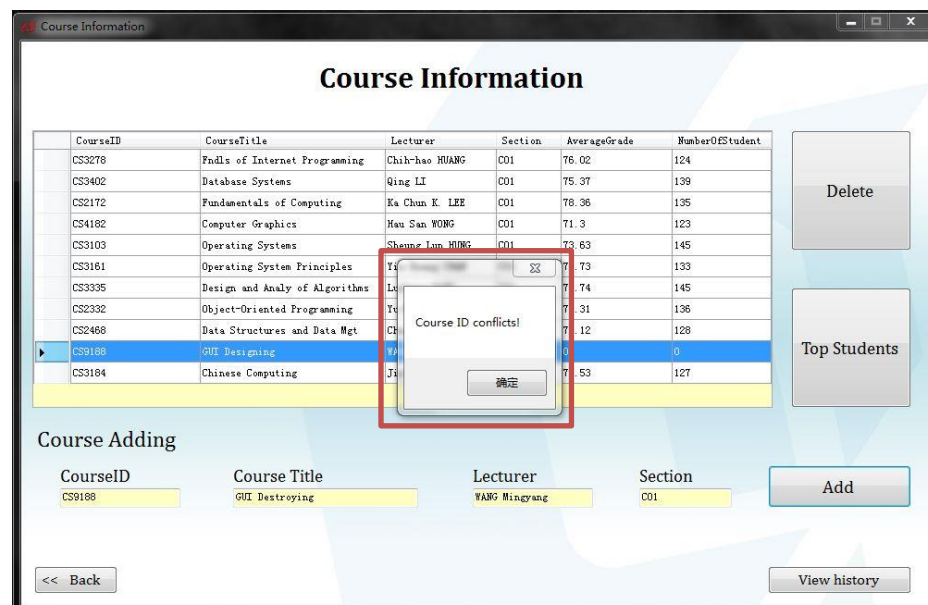
Cases:

1. Course information not completed

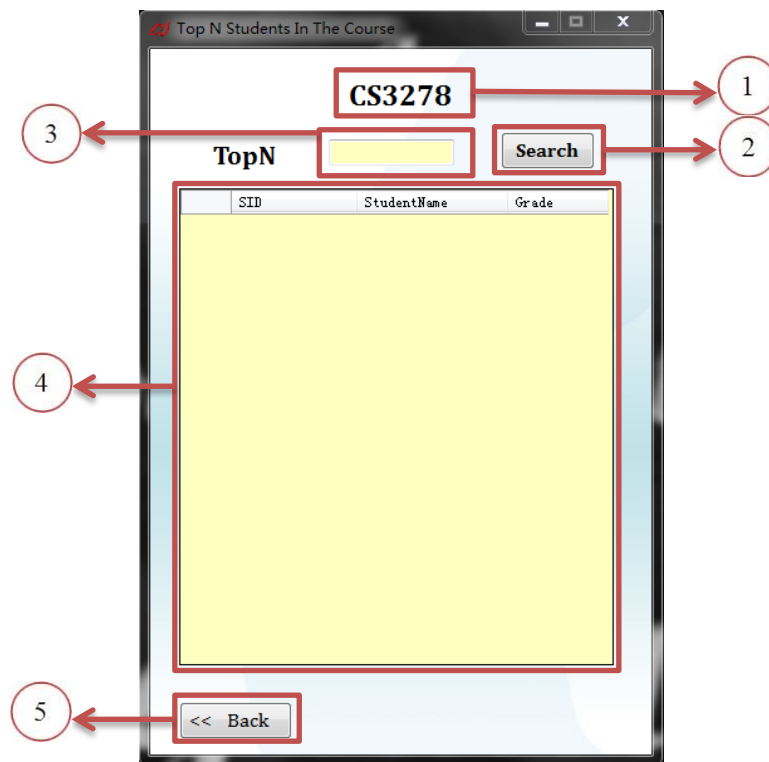


7

2. Add two courses with same course ID



3. List top students in the selected course



Interface

- | | |
|-----------------------|---------------------------------|
| 1 Selected course ID | 2 Number of top students wanted |
| 3 Search the students | 4 Show the students |
| 5 Back | |
-

Cases:

(1). List the wanted number of top student in the selected course

The screenshot shows a window titled "Top N Students In The Course". Inside, the course "CS3278" is displayed. Below it, "TopN" is set to "10" in a yellow input field, with a "Search" button to its right. A table lists the top 10 students by grade. The first student, Fletcher Otis, is highlighted in blue. Below the table is a large yellow rectangular area. At the bottom left is a "<< Back" button.

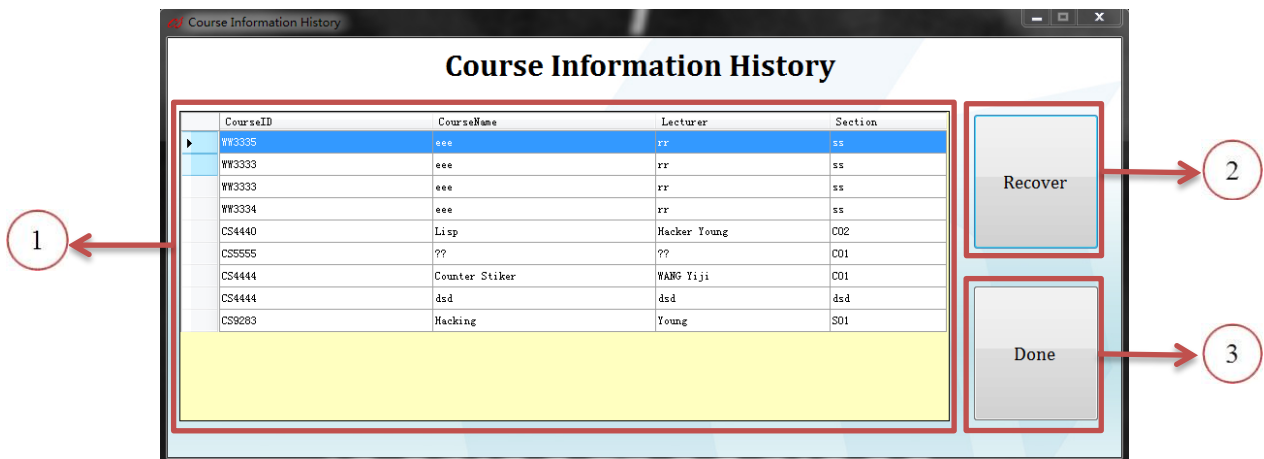
	SID	StudentName	Grade
▶	50000085	Fletcher Otis	99
	50000165	Henry Bagley	99
	50000092	Jarred Gottwine	97
	50000127	Latashia Bender	97
	50000014	Jamey Watson	97
	50000059	Mckinley Eckhard...	97
	50000034	Carol Jenner	96
	50000070	Vergie Reade	93
	50000195	Valentine Whishaw	92
	50000171	Joesph Wyatt	92

9

(2). Invalid input will not be accepted (not figure OR out of range)

The screenshot shows the same application window as before, but with "TopN" set to "-1". A red-bordered error dialog box is centered on the screen, containing the text "Please input the correct number!" and a button labeled "确定" (Confirm). The "Search" button is still visible to the right of the input field.

4. View the delete history and recover

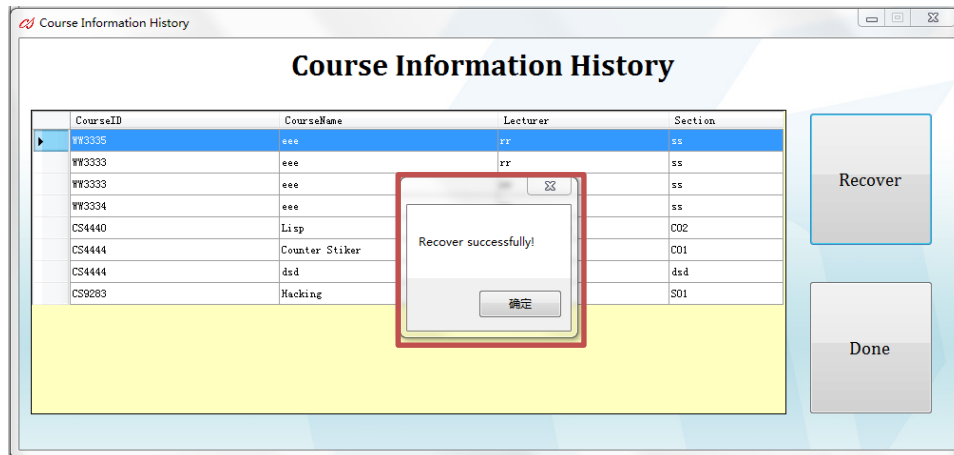


Interface

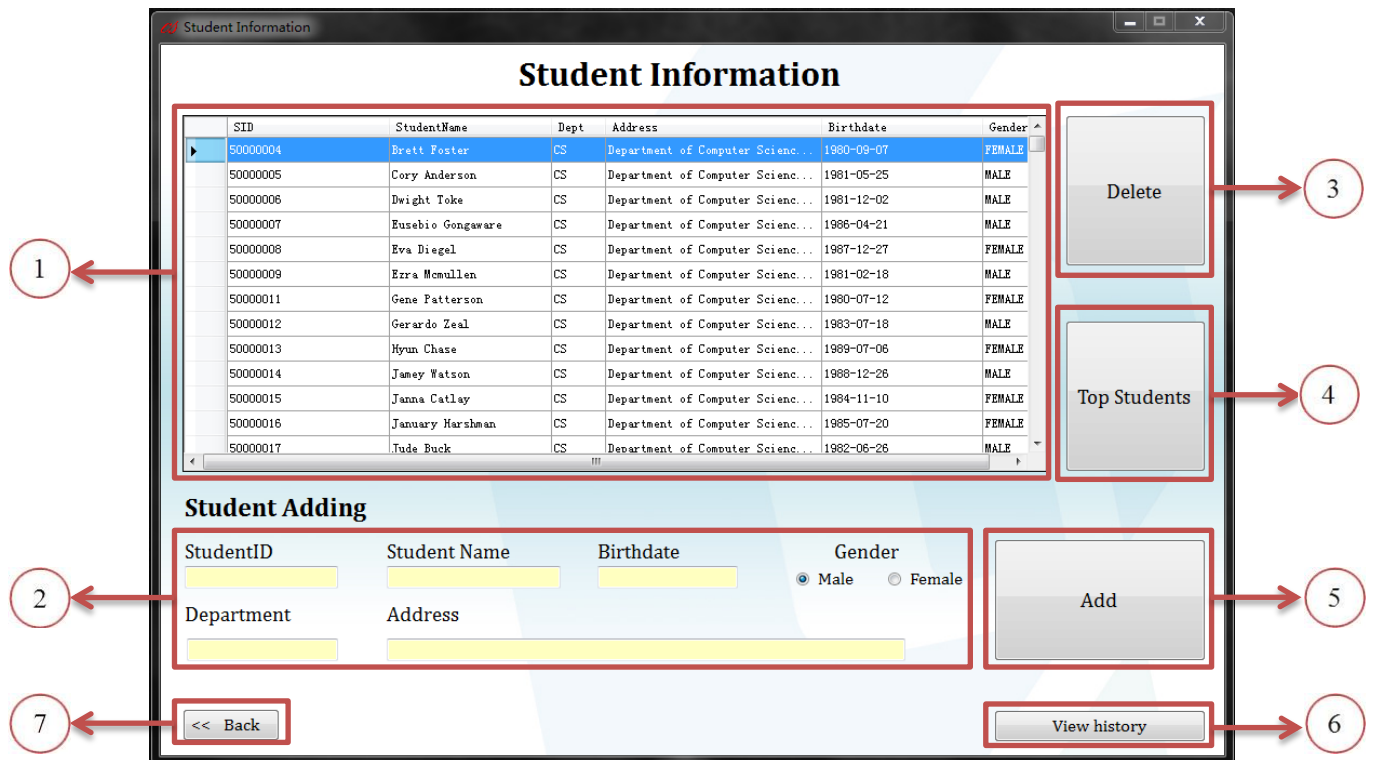
- 1 List all deleted course
- 2 Recover the selected course
- 3 Back

Cases:

(1) Recover successfully



2.3-Administrator Student Interface



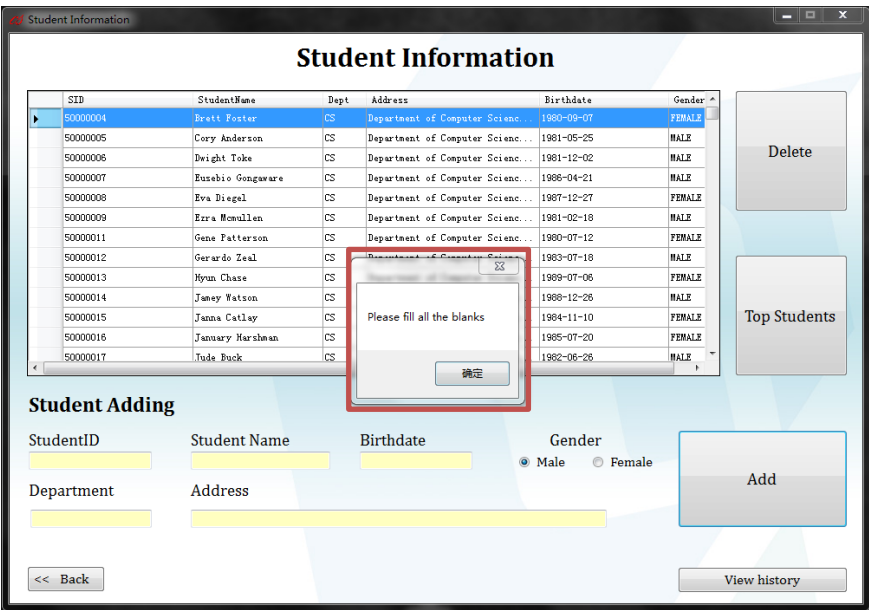
Interface

12

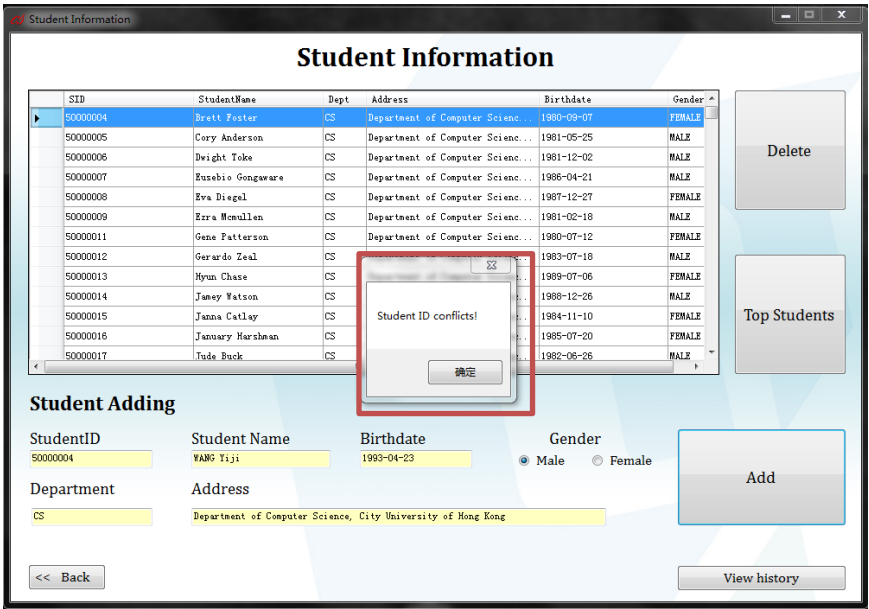
- 1 List all the students
- 2 Information of the student to be added
- 3 Delete a selected student
- 4 List top students in the whole university
- 5 Add a student
- 6 View the history containing the students deleted before
- 7 Back to administrator interface

Cases:

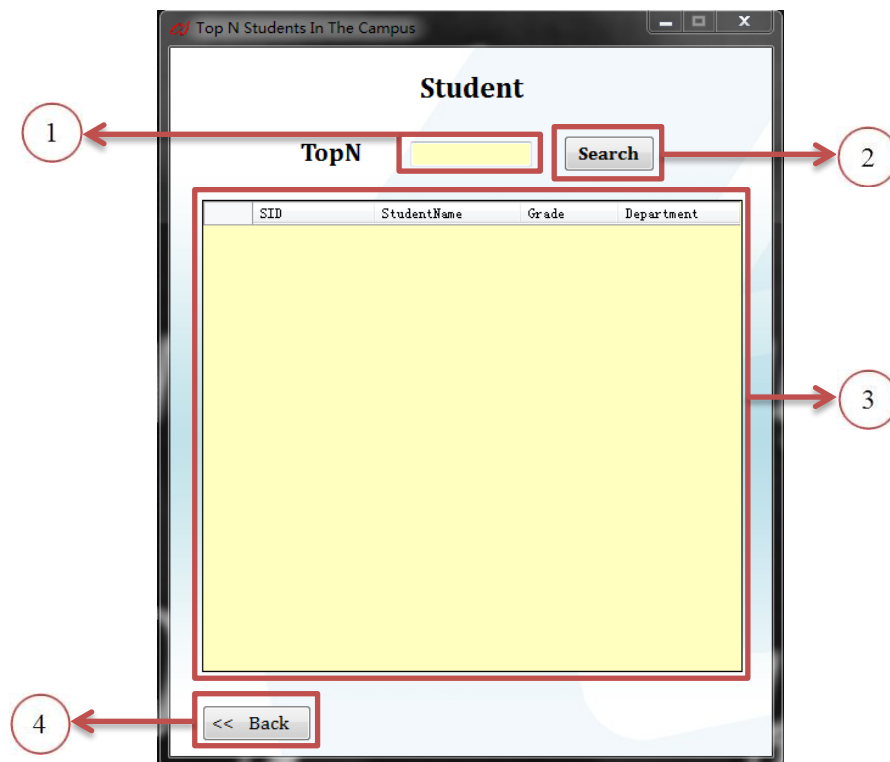
1. Student information not completed



2. Add two students with same student ID



3. List top students in the whole university



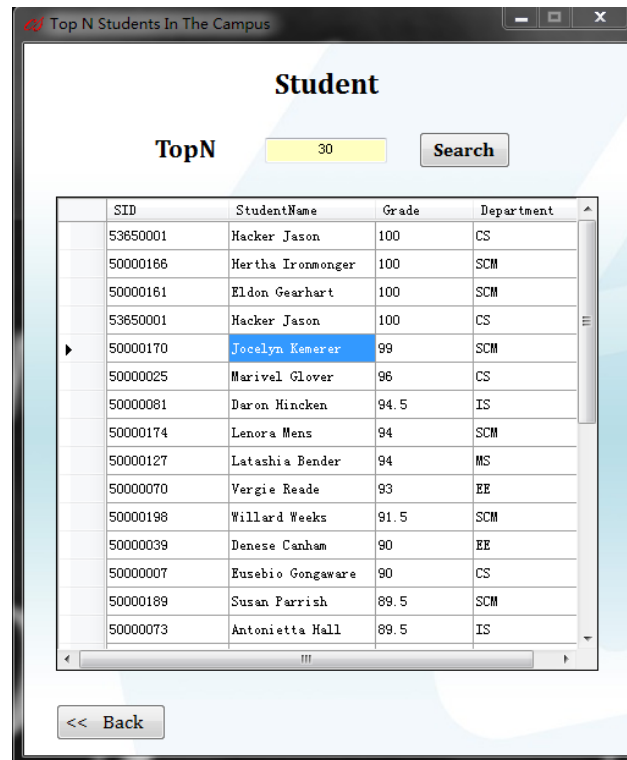
Interface

14

- | | |
|---------------------------------|-----------------------|
| ① Number of top students wanted | ② Search the students |
| ③ Show the students | ④ Back |
-

Cases:

(1). List the wanted number of top student in the university



Student

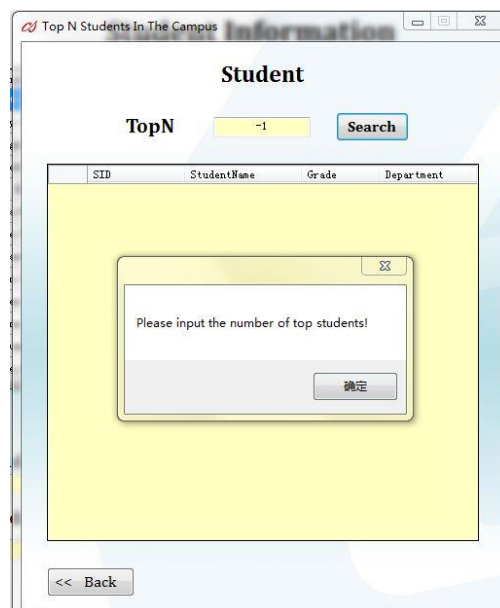
TopN 30 Search

SID	StudentName	Grade	Department
53650001	Hacker Jason	100	CS
50000166	Hertha Ironmonger	100	SCM
50000161	Eldon Gearhart	100	SCM
53650001	Hacker Jason	100	CS
50000170	Jocelyn Kemerer	99	SCM
50000025	Marivel Glover	96	CS
50000081	Daron Hincken	94.5	IS
50000174	Lenora Mens	94	SCM
50000127	Latashia Bender	94	MS
50000070	Vergie Reade	93	EE
50000198	Willard Weeks	91.5	SCM
50000039	Denese Canham	90	EE
50000007	Eusebio Gongaware	90	CS
50000189	Susan Parrish	89.5	SCM
50000073	Antionietta Hall	89.5	IS

<< Back

15

(2). Invalid input will not be accepted (not figure OR out of range)



Student

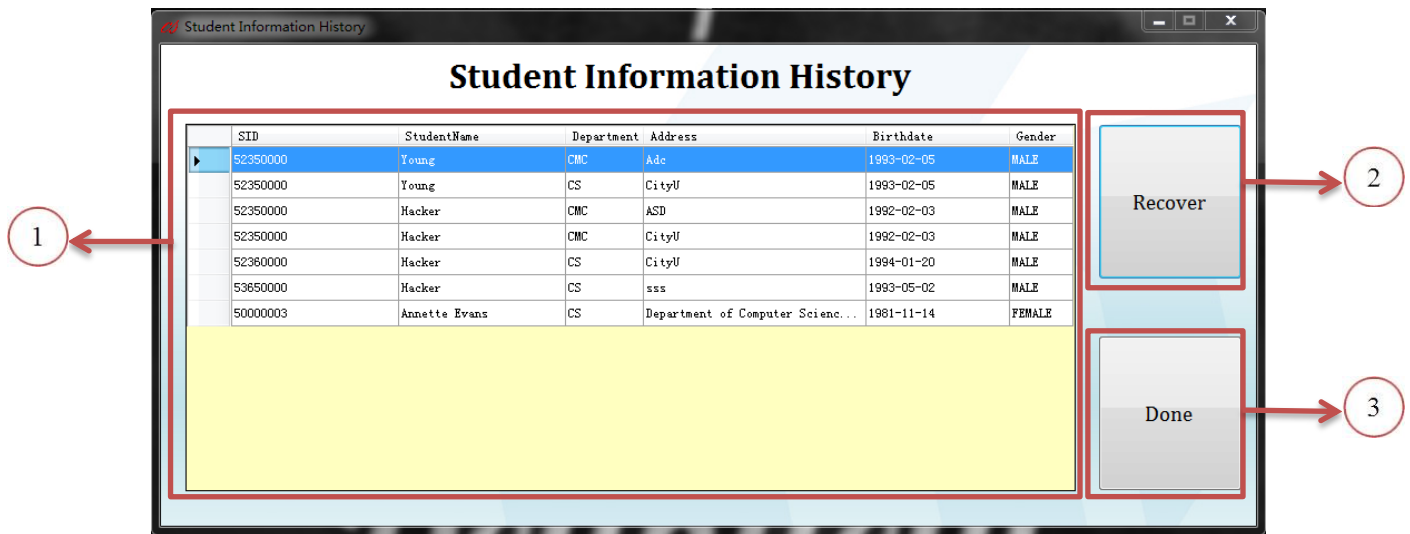
TopN -1 Search

Please input the number of top students!

确定

<< Back

4. View the delete history and recover

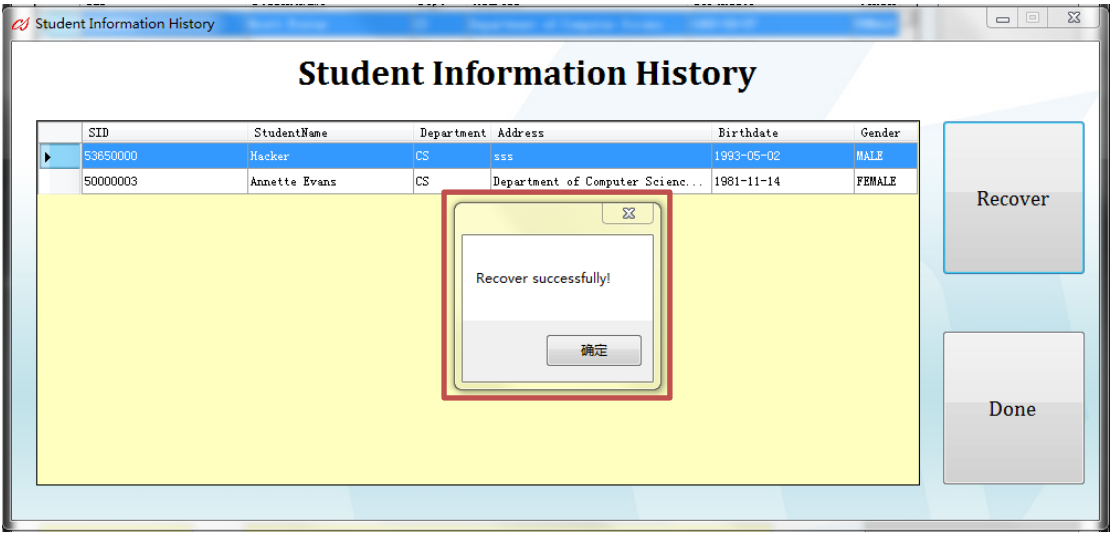


Interface

- 1 List all deleted students
- 2 Recover the selected student
- 3 Back

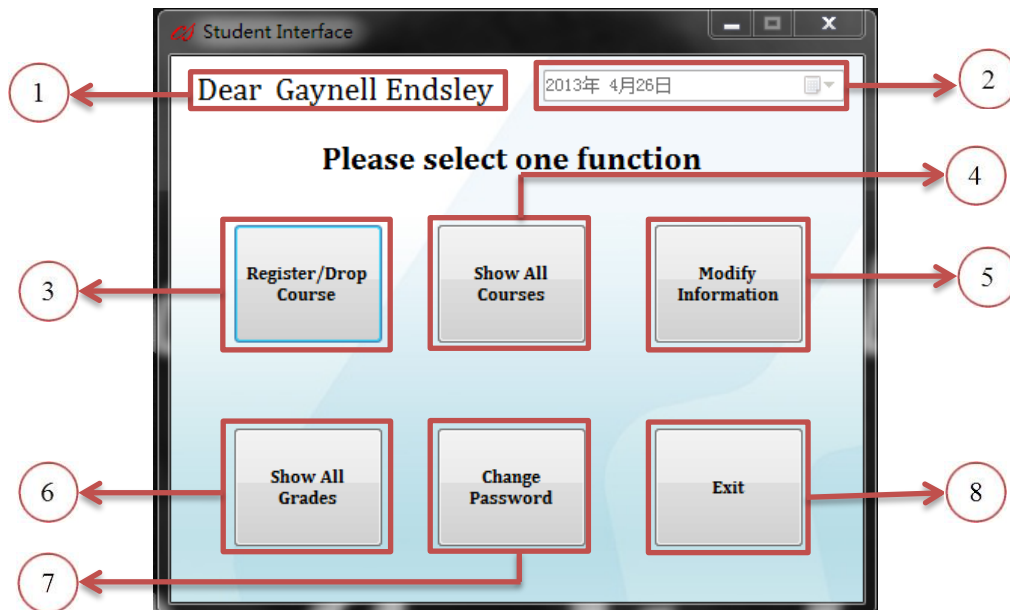
Cases:

(1) Recover successfully



3. Student Functions

3.1-Student Interface



Interface

- | | |
|-------------------------------|--------------------------|
| ① Name of the student user | ② Current date |
| ③ Register/Drop course | ④ Show all courses |
| ⑤ Modify personal information | ⑥ Show grades of courses |
| ⑦ Change user password | ⑧ Exit |
-

3.2-Register/Drop Course Interface

The screenshot shows a web application window titled "Register/Drop Courses". It contains a date field (1), a user information box (2), a table of courses (3), a button to view all courses (5), a "Drop" button (6), a course selection dropdown (4), a "Register" button (7), and a "Back" button (8).

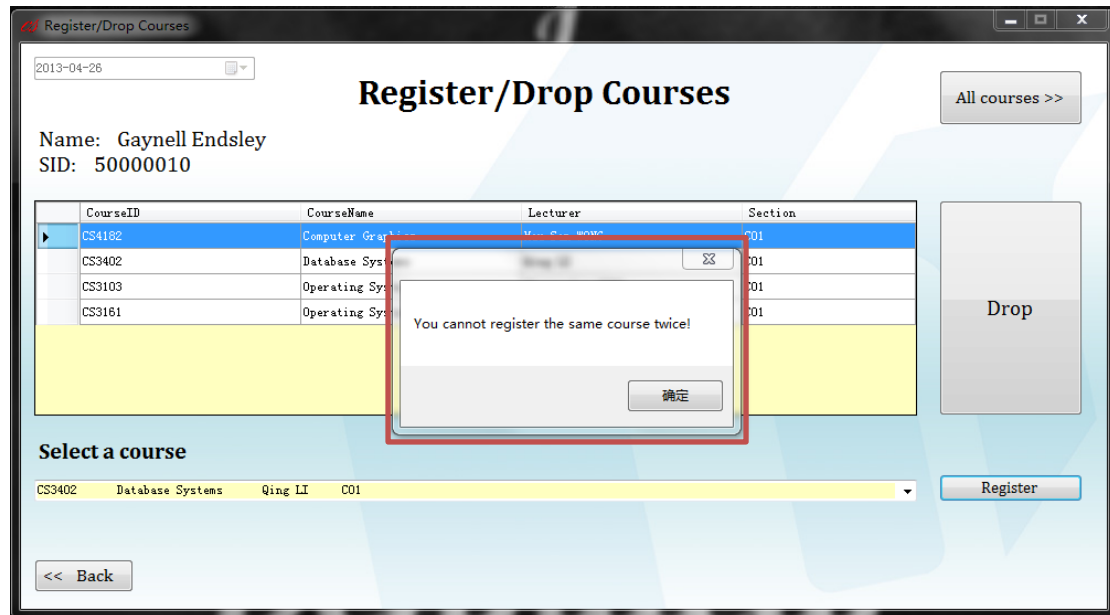
CourseID	CourseName	Lecturer	Section
CS3103	Operating Systems	Sheung Lun HUNG	C01
CS3161	Operating System Principles	Yiu Keung CHAN	C01

Interface

- | | | | |
|---|----------------------------|---|---------------------------|
| 1 | Current date | 2 | Basic information of user |
| 3 | Course taken by user | 4 | All courses to be chosen |
| 5 | Show all courses | 6 | Drop a selected course |
| 7 | Register a selected course | 8 | Back to the interface |

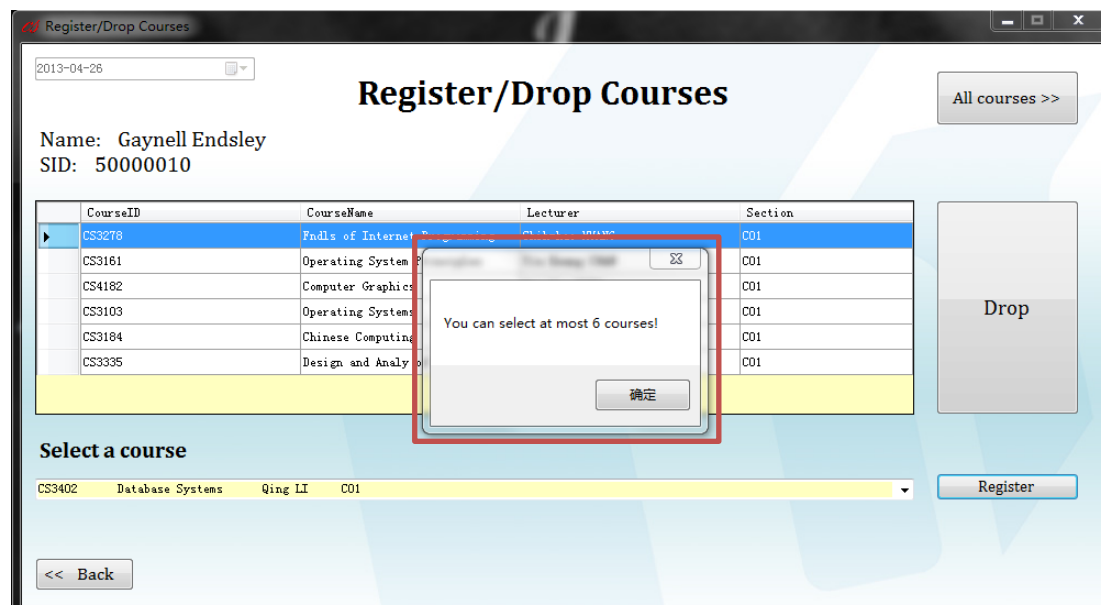
Cases:

1. Register course conflict

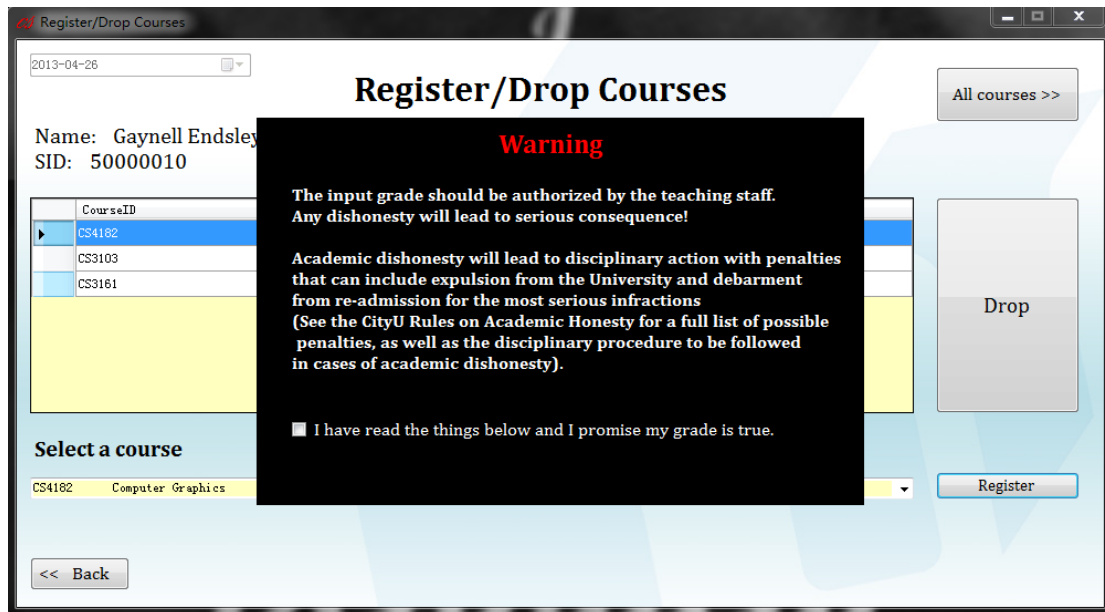


20

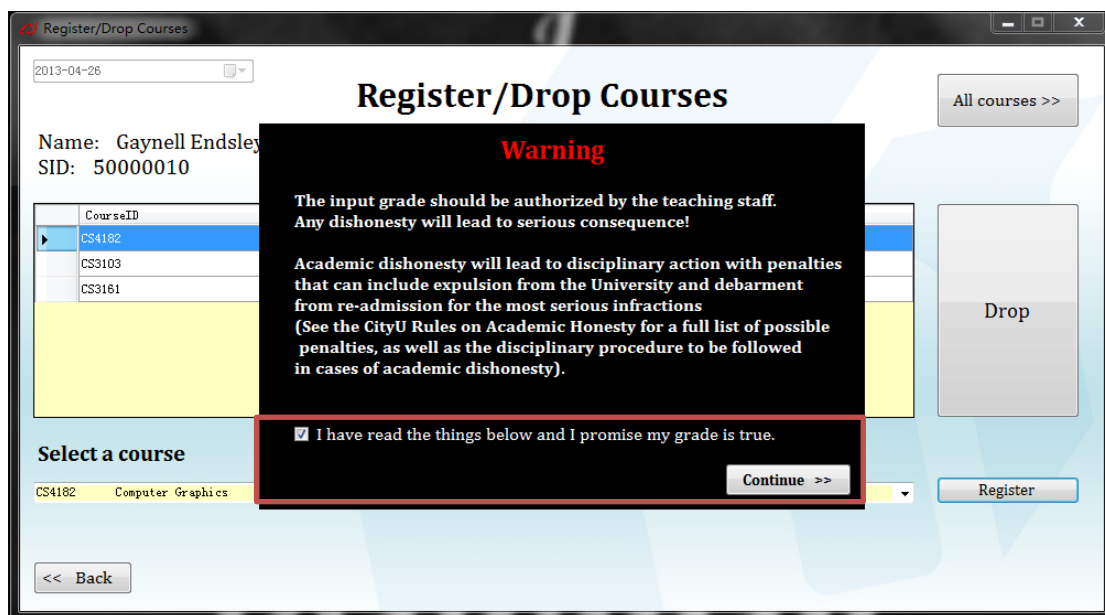
2. Register not allowed more than 6 courses



3. Warning before input grade

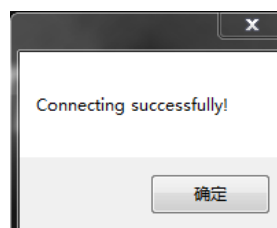
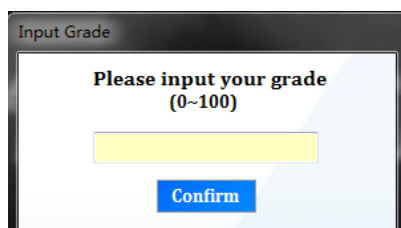


(continue only if user agrees with the provision)

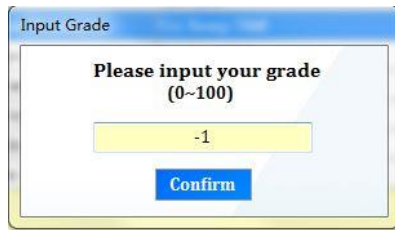


21

4. Input grade successfully



5. Input error



Input Grade

Please input your grade
(0~100)

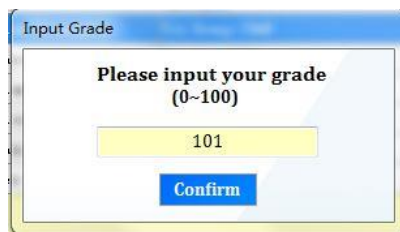
-1

Confirm



Please input the correct grade!

确定



Input Grade

Please input your grade
(0~100)

101

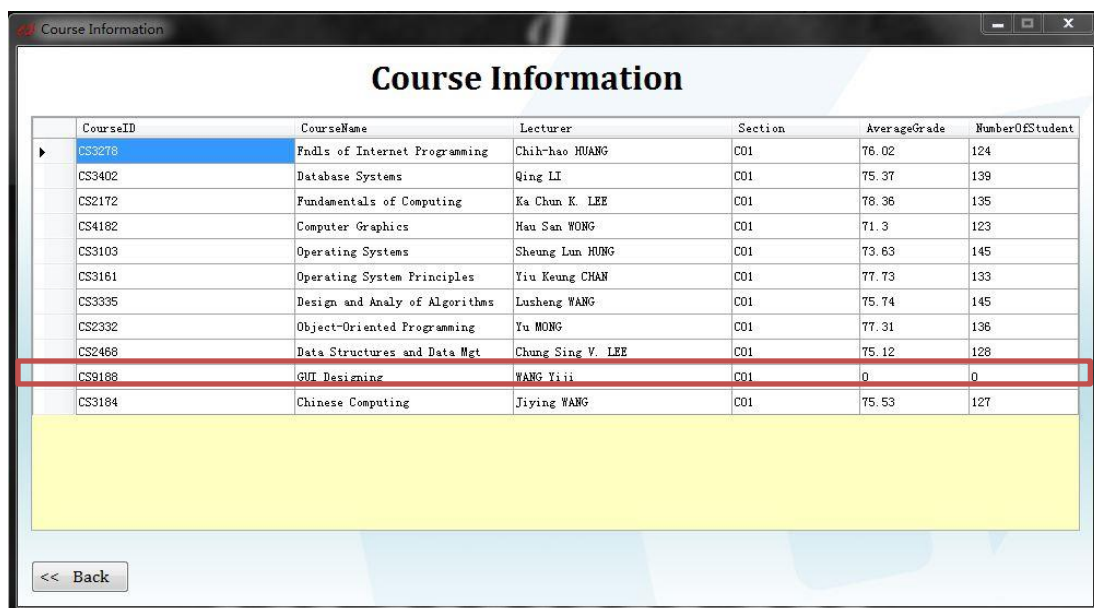
Confirm



Out of range!

确定

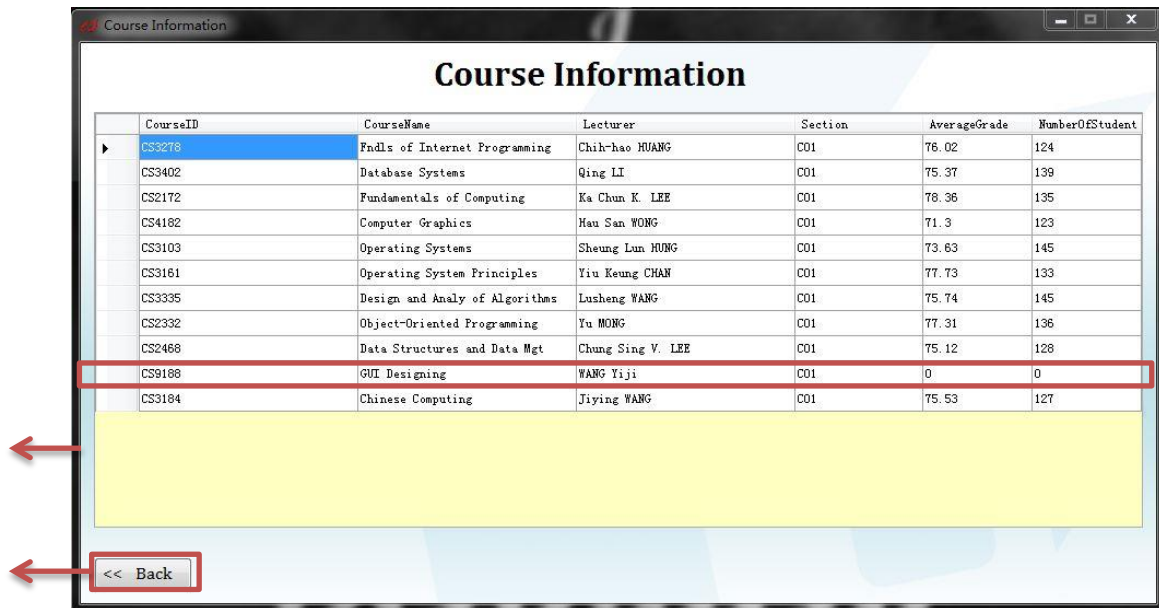
6. Show all courses (0 for no one taking the course)



	CourseID	CourseName	Lecturer	Section	AverageGrade	NumberOfStudent
▶	CS3218	Fndls of Internet Programming	Chih-hao HUANG	C01	76.02	124
	CS3402	Database Systems	Qing LI	C01	75.37	139
	CS2172	Fundamentals of Computing	Ka Chun K. LEE	C01	78.36	135
	CS4182	Computer Graphics	Hau San WONG	C01	71.3	123
	CS3103	Operating Systems	Sheung Lun HUNG	C01	73.63	145
	CS3161	Operating System Principles	Yiu Keung CHAN	C01	77.73	133
	CS3335	Design and Analy of Algorithms	Lusheng WANG	C01	75.74	145
	CS2332	Object-Oriented Programming	Yu MONG	C01	77.31	136
	CS2468	Data Structures and Data Mgt	Chung Sing V. LEE	C01	75.12	128
	CS9188	GUI Designing	WANG Yiji	C01	0	0
	CS3184	Chinese Computing	Jiying WANG	C01	75.53	127

<< Back

3.3-Show All Courses Interface



Course Information

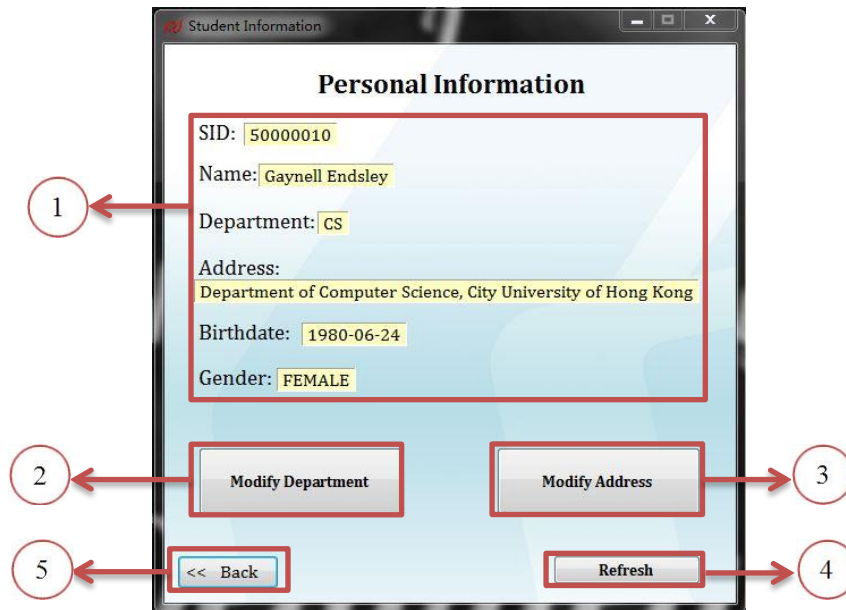
	CourseID	CourseName	Lecturer	Section	AverageGrade	NumberOfStudent
▶	CS3278	Fndls of Internet Programming	Chih-hao HUANG	C01	76.02	124
	CS3402	Database Systems	Qing LI	C01	75.37	139
	CS2172	Fundamentals of Computing	Ka Chun K. LEE	C01	78.36	135
	CS4182	Computer Graphics	Hau San WONG	C01	71.3	123
	CS3103	Operating Systems	Sheung Lun HUNG	C01	73.63	145
	CS3161	Operating System Principles	Yiu Keung CHAN	C01	77.73	133
	CS3335	Design and Analy of Algorithms	Lusheng WANG	C01	75.74	145
	CS2332	Object-Oriented Programming	Yu MONG	C01	77.31	136
	CS2468	Data Structures and Data Mgt	Chung Sing V. LEE	C01	75.12	128
	CS9188	GUI Designing	WANG Yiji	C01	0	0
	CS3184	Chinese Computing	Jiying WANG	C01	75.53	127

<< Back

Interface

- 1 Show average grades and number of students of the course
(0 for no one taking the course)
- 2 Back

3.4-Modify Information Interface

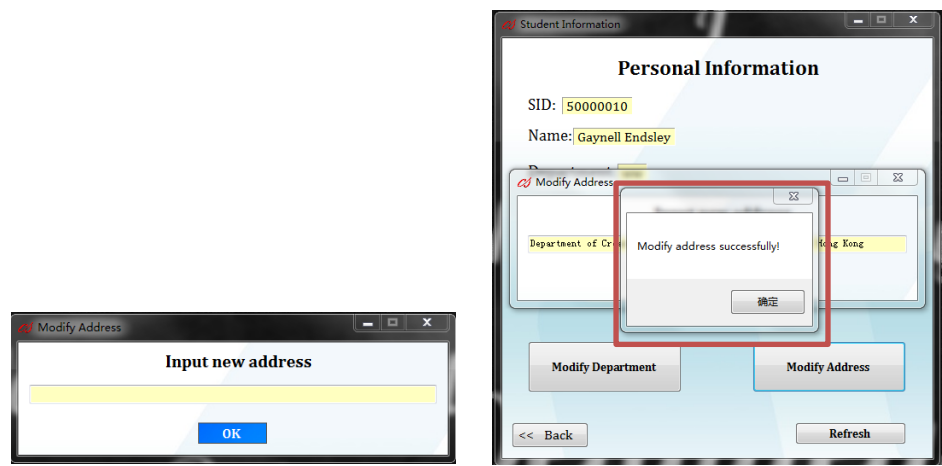


Interface

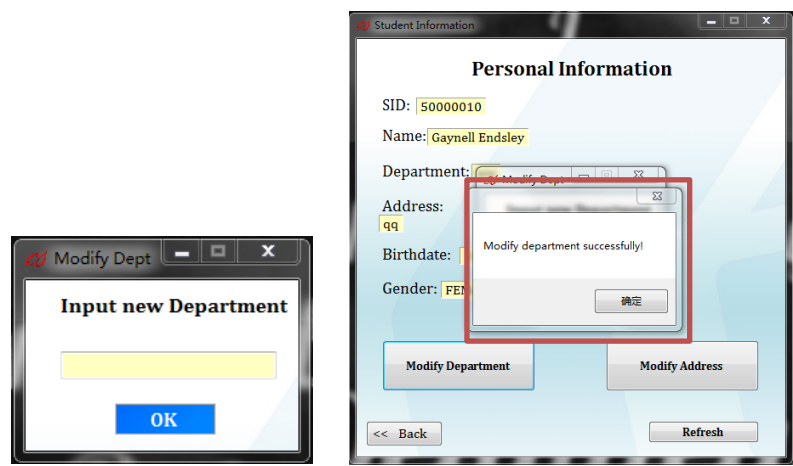
- 1 Basic information of the user
- 2 Call modify department interface
- 3 Call modify address interface
- 4 User should refresh to see the update
- 5 Back

Cases:

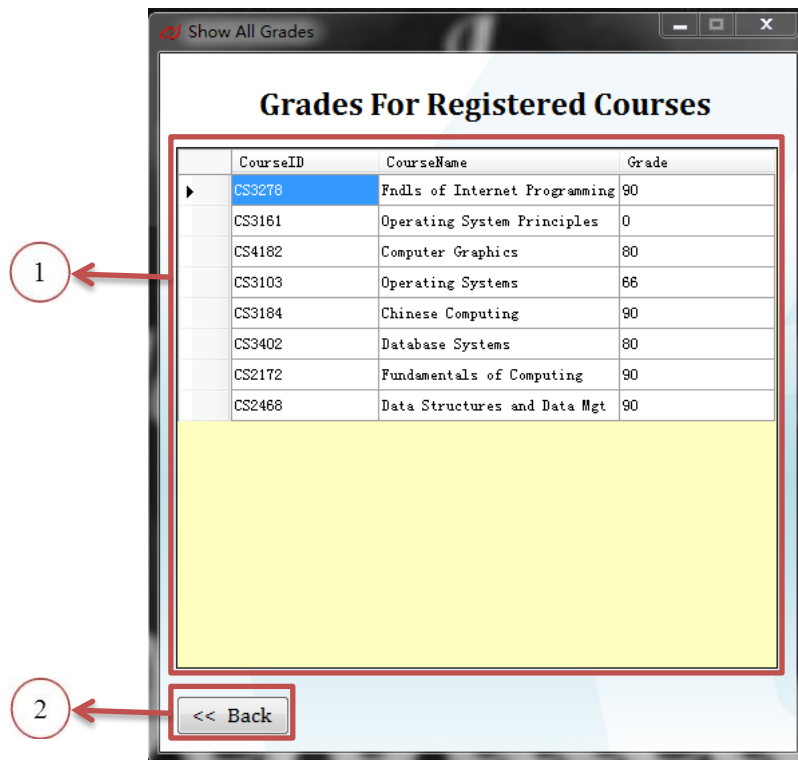
1. Modify address successfully



2. Modify department successfully



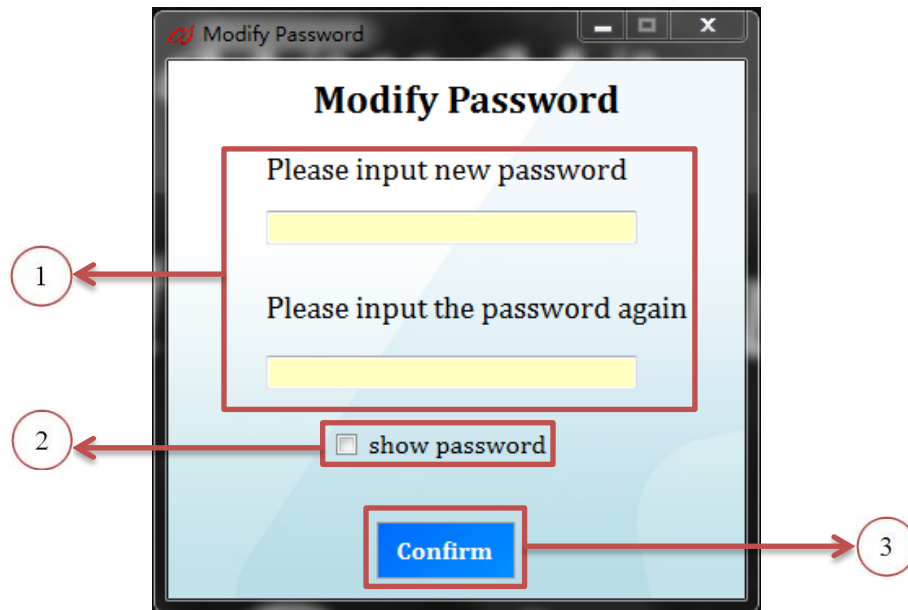
3.5-Show All Grades



Interface

- 1 List all registered courses and grades 2 Back

3.6-Change Password

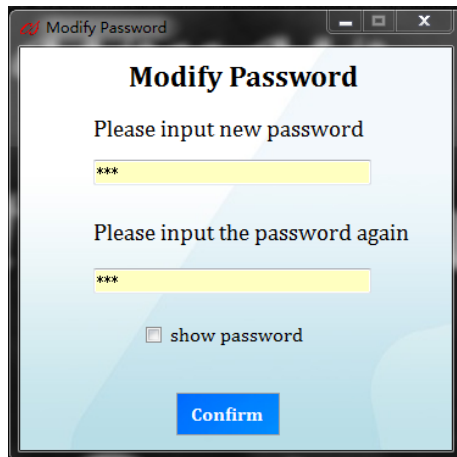


Interface

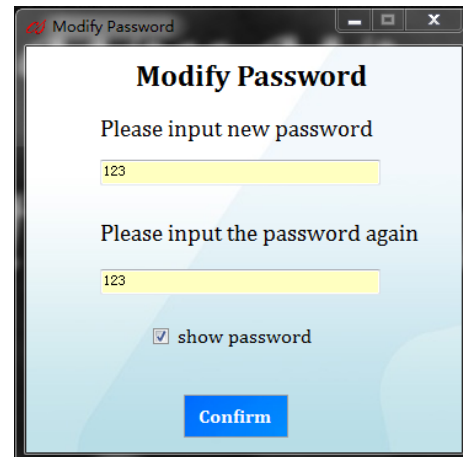
- ① Input new password and confirm it
- ② Show password
- ③ Confirm button

Cases:

1. Hide the password for safety



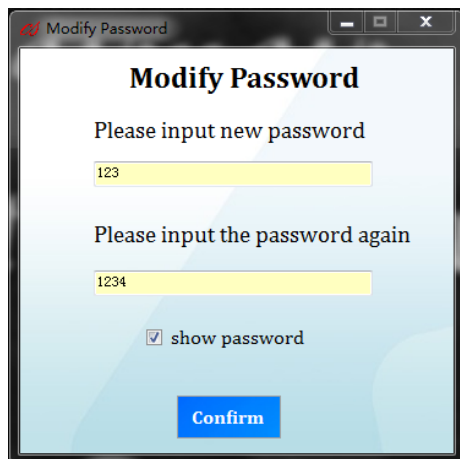
The screenshot shows a 'Modify Password' dialog box. It has a title bar with a red icon and the text 'Modify Password'. The main content area has a light blue background. It contains two text input fields. The first field is labeled 'Please input new password' and contains three asterisks '***'. The second field is labeled 'Please input the password again' and also contains three asterisks '***'. Below the second field is a checkbox labeled 'show password' which is unchecked. At the bottom is a blue button labeled 'Confirm'.



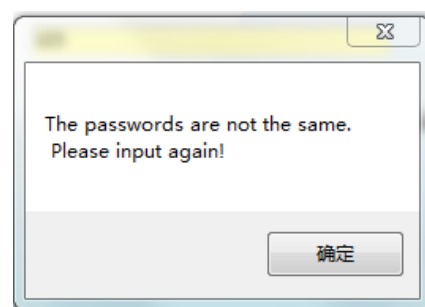
The screenshot shows the same 'Modify Password' dialog box. The first text input field now contains the text '123'. The second text input field also contains the text '123'. The checkbox labeled 'show password' is now checked. The blue 'Confirm' button remains at the bottom.

28

2. Password not correctly confirmed

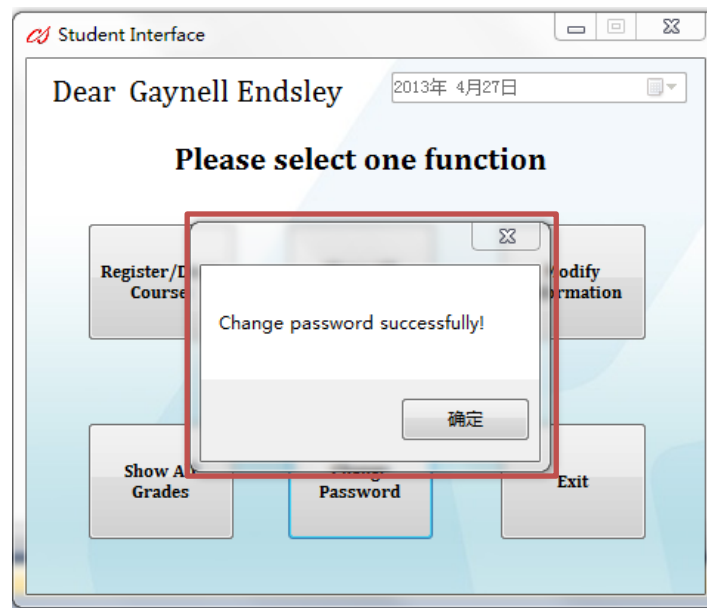


The screenshot shows the 'Modify Password' dialog box. The first text input field contains '123'. The second text input field contains '1234'. The checkbox labeled 'show password' is checked. The blue 'Confirm' button is at the bottom.



The screenshot shows a small error message dialog box. It has a title bar with a yellow background and a red 'X' icon. The main content area has a white background and contains the text 'The passwords are not the same. Please input again!'. At the bottom is a button labeled '确定' (Determine).

3. Modify password successfully



4. Exit



Appear for 5 seconds after clicking “Exit” button

5. Developers

1. WANG Mingyang (Young)
2. WANG Yiji (Jason)

For any bugs or questions, please feel free sending e-mail to the following address:

CS.Jason.Wong@my.cityu.edu.hk

mingywang3@my.cityu.edu.hk

END