Test Report  
Student Administration System

For UCI Java Programming I (Winter 2015)  
Team A

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## Purpose

The purpose of this test report is to provide the results for testing the Student Registration Program based on the test cases identified in the Technical Design. This test report also includes verification of requirements.

## Test Results

The following are the set of Test Cases that will be used to assure the system is operating as expected as per the requirements specification:

Test 1.  At login prompt, enter valid username and valid password.  Expected Result:  Student is presented with main menu.  [PASSED]

Test 2.  At login prompt, enter invalid username and valid password.  Expected Result:  "Invalid login" error message and return to login prompt. [PASSED]

Test 3.  At login prompt, enter valid username and invalid password.  Expected Result:  "Invalid login" error message and return to login prompt. [PASSED]

Test 4.  At login prompt, enter invalid username and invalid password.  Expected Result:  "Invalid login" error message and return to login prompt. [PASSED]

Test 5. At main menu, enter '1' (Displays All Available Courses).  Expected Result: Display alphabetical list of courses that includes the course identification number, course dates, name, brief summary, the enrollment limit, and the number of students already enrolled.  Display main menu. [PASSED]

Test 6. At main menu, enter '2' (Displays Enrolled Courses).  Expected Result: Display courses that student is registered.  Display main menu. [PASSED]

Test 7. At main menu, enter '3' (Register for Course). Expected Result: Display alphabetical list of courses that includes the course identification number, course dates, name, brief summary, the enrollment limit, and the number of students already enrolled. Prompt user to enter course# to register (Register Prompt). [PASSED]

Test 8. At main menu, enter '4' (Un-register a Course).  Expected Result: Display courses that student is registered. Prompt user to enter course# to un-register (Un-register Prompt). [PASSED]

Test 9. At main menu, enter '5' (Logout).  Expected Result:  Log student out of system.  Display login prompt. [PASSED]

Test 10. At main menu, enter invalid menu item.  Expected Result: "Invalid menu item" error message and return to main menu. [PASSED]

Test 11. At Register Prompt, enter a course that does not exist.  Expected Result: Display "course does not exist" error message.  Prompt user to enter course# to register (Register Prompt).  [PASSED]

Test 12. At Register Prompt, enter a course that does exist and that a student is already registered. Expected Result: Display "already enrolled in this course" error message.  Prompt user to enter course# to register (Register Prompt).  [PASSED]

Test 13. At Register Prompt, enter a course that does exist and that a student is not already registered and that is full.  Expected Result:  Display "this course is full" error message.  Display courses that student is not registered and that is not full. Prompt user to enter course# to register (Register Prompt).  [PASSED]

Test 14. At Register Prompt, enter a course that does exist and that a student is not already registered and that is not full.  Expected Result: Add studentId and courseId to Registration text file.  Display "successfully registered" message. Display main menu. [PASSED]

Test 15. At Un-register Prompt, enter an invalid course. Expected Result: Display "invalid course" error message.  Display courses that student is registered. Prompt user to enter course# to un-register (Un-register Prompt). [PASSED]

Test 16. At Un-register Prompt, enter a course that student is not registered. Expected Result: Display "you are not registered to this course".  Display courses that student is registered. Prompt user to enter course# to un-register (Un-register Prompt). [PASSED]

Test 17. At Un-register Prompt, enter a course that a student is registered.  Expected Result: Remove studentId/courseId from Register text file.  Display "successfully un-registered" message and display main menu. [PASSED]

Test 18. Successfully log in as a student, view enrolled courses, view available courses, successfully un-register from a course, successfully register in a different course (not the course just un-registered), logout. Restart system, login as same student, and view enrolled courses.  Expected Result: Enrolled courses list includes course previously registered and does not include course un-registered. [PASSED]

## Requirements Verification

The following table identifies the requirements and results from testing:

|  |  |
| --- | --- |
| **Requirement** | **Test Result** |
| The student registration system will display the list of courses available for registration. | Pass – Test Case 5, 10 |
| The program should show current registration numbers and available seats for each course. | Pass – Test Case 5, 10 |
| After a student successfully registers, the registration information should be stored in a file. | Pass – Test Case 14 & 18 |
| The ability for students to view an alphabetical list of courses that includes the course identification number, course dates, name, brief summary, the enrollment limit, and the number of students already enrolled. | Pass– Test Case 5, 10 |
| The ability for students to register or un-register for a course. | Pass – Test Cases 7, 8, 10, 14 & 17 |
| The ability for a student to see a list of classes for which he/she is currently registered. | Pass – Test Case 6, 10 |
| The system should not allow a student to register for a full course. | Pass – Test Case 13 |
| The system should not allow one student to view the registration information for another student. | Pass – Test Cases 1-4, and 9 |
| The system should not allow a student to un-register from a course for which he/she is not registered. | Pass – Test Case 16 |

## Test Artifacts

The following are test artifacts from the final test run. Test Output is colored in blue.

**Test Case 1:**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Welcome to the Team-A Course Registration Application \*

\* (version 0.1) \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

login: 1

password: Perry\_On

WELCOME Perry On!

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5:

**Test Case 2:**

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\* Welcome to the Team-A Course Registration Application \*

\* (version 0.1) \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

login: 5

password: Perry\_On

INVALID LOGIN.

**Test Case 3:**

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\* Welcome to the Team-A Course Registration Application \*

\* (version 0.1) \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

login: 1

password: wrong\_password

INVALID LOGIN.

**Test Case 4:**

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\* Welcome to the Team-A Course Registration Application \*

\* (version 0.1) \*

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login: 5

password: wrong\_password

INVALID LOGIN.

**Test Case 5:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 1

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

**Test Case 6:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 2

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5:

**Test Case 7:**

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\* Course Registration Main Menu \*

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Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 3

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\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

**Test Case 8:**

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\* Course Registration Main Menu \*

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Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 4

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\* \*

\* Menu: Unregister for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

**Test Case 9:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 5

Logging out. Have a nice day Perry On!

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Welcome to the Team-A Course Registration Application \*

\* (version 0.1) \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

login:

**Test Case 10:**

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\* Course Registration Main Menu \*

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Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 6

INVALID SELECTION! TRY AGAIN!

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\* \*

\* Course Registration Main Menu \*

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Enter 1: Displays All Available Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5:

**Test Case 11:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 3

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\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

50001

Invalid course id entered.

press [ENTER] key to continue...

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\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

**Test Case 12:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 3

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\* \*

\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

20001

You are already enrolled in this course.

press [ENTER] key to continue...

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\* Menu: Register for Course \*

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AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

**Test Case 13:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 3

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\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

40002

Course is full.

press [ENTER] key to continue...

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\* \*

\* Menu: Register for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

**Test Case 14:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 3

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\* Menu: Register for Course \*

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AVAILABLE COURSES:

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 0 3 OPEN

40002 BIO 6 06/15/2015 06/30/2015 Biology II 2 2 FULL

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

30001 SS100 05/01/2015 06/25/2015 Social Science 1 3 OPEN

Enter the Course ID to register OR 'X' to return to Main Menu:

40001

REGISTRATION SUCCESSFUL (Saved to database file.)

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\* Course Registration Main Menu \*

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Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5:

**Test Case 15:**

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\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Available Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 4

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\* Menu: Unregister for Course \*

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\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 1 3 OPEN

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

60001

ENTERED AN INVALID COURSE ID.

press [ENTER] key to continue...

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\* \*

\* Menu: Unregister for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 1 3 OPEN

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

X

**Test Case 16:**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 4

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\* \*

\* Menu: Unregister for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 1 3 OPEN

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

40002

YOU ARE NOT REGISTERED TO THIS COURSE.

press [ENTER] key to continue...

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\* \*

\* Menu: Unregister for Course \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 1 3 OPEN

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

**Test Case 17:**

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\* \*

\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: 4

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\* \*

\* Menu: Unregister for Course \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \*

\* Your enrolled courses \*

\* \*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

ID NAME START DATE END DATE DESCRIPTION ENR CAP STATUS

40001 BIO 5 06/15/2015 06/30/2015 Biology 1 3 OPEN

10001 ICS 21 03/15/2015 06/15/2015 Intro to Info & Comp Sci 3 3 FULL

20001 MATH 1 04/01/2015 04/30/2015 Model and Simulations 2 3 OPEN

Enter the Course ID to unregister OR 'X' to return to Main Menu:

10001

REMOVING REGISTRATION SUCCESSFUL (Saved to database file.)

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\* \*

\* Course Registration Main Menu \*

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\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Enter 1: Displays All Courses

Enter 2: Displays Enrolled Course(s)

Enter 3: To Register for a Course

Enter 4: To Un-Register a Course

Enter 5: Logout

Enter 1, 2, 3, 4, or 5: