**Test report**

1. **Requirements**

The student registration system will display the list of courses available for registration. The program should show current registration numbers and available seats for each course. After a student successfully registers, the registration information should be stored in a file.

The system should provide several features:

* 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.
* The ability for students to register or un-register for a course.
* The ability for a student to see a list of classes for which he/she is currently registered.

There are several business rules:

* The system should not allow a student to register for a full course.
* The system should not allow one student to view the registration information for another student.
* The system should not allow a student to un-register from a course for which he/she is not registered.

1. **Test Cases**

Test cases are prepared to evaluate functionality of the system as the application is developed. Initial few records have been added as students already in the system. All the requirements are satisfied.

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| **Test cases** | **Menu** | **Test result** |
| **Enroll into System** | Welcome to the Registration System |  |
|  | Please select from the following: |  |
| Existing user | 1. Login | pass |
| New user … create account | 2. Request Access | pass |
| Exit | 3. Exit | pass |
|  |  |  |
| **Register for a Course** | Please select from the following: |  |
| Register for a course – First time | 1. Display all available courses and add course | pass |
| Attempt to register for another course (already registered)  and Cannot register for same course (already registered) |  | pass |
| **Unregister for a Course** |  |  |
| Unregister for a course (already registered) |  | pass |
| Unregister for a course (not already registered) | 2. Display all enrolled courses and drop course | pass |
| **View Course List** |  |  |
| View all registered courses |  | pass |
| Check Alphabetic List of all Available Courses |  | pass |
| Exit or return to the main menu | 3. Logout | pass |
|  | Please confirm you would like to logout (Y/N) | pass |