

Students

- View all courses
- View all courses not are not full
- Register in a course (must enter course name, section, student full name (added to appropriate course))
- Withdraw from a course (asked to enter name and course name to have name taken off given course list)
- View all courses that the student is registered in

Admin

- Create a course
- Delete a course
- Edit a course (can edit all but courseID and name)
- Display information (by courseID)
- Register a student
- Exit

- View all courses (see list of course name, courseID, number of students registered, max students allowed to be registered)
- View all courses that are full
- Write to a file the list of course that are full
- View the names of the students being registered in a specific course
- View the list of courses that a given student is being registered on (asks student first & last name)**X: there are no students registered**
- Sort courses based on current number of students registered

Classes

- User
- Student + (Student Interface)
- Admin + (Admin Interface)
- Course
- DATA
- Main

Abstract Class, Polymorphism, Abstract Data Types are optional for HW1

Courselist and Studentlist must be serialized (all existing courses and students)

- Put courselist and studentlist in a class called Data, and Data can be Data.ser

Admin and Student both need to be able to login (Admin/Admin001, Student/Student001)

