

Workflow:

- Deserialization / Read in original csv file
- Get User Type (Admin or Student)
- Log in by checking username & password
- Admin :
 - Decide Courses Management or Reports using Menu
 - Choose which function to use after deciding
- Student : Choose the function under Courses Management using Menu
- Serialization
- End of Program

Non-Functional Requirements:

- Method overloading
e.g. `registerCourse(String courseName, int secNum): void` (in Student Class)
`registerCourse(Scanner input): void`
- Method overriding
e.g. `viewAllCourses(): void` (in Student & Admin Class)
- Abstract Class : abstract class User
- Inheritance : Student and Admin extends User
- Encapsulation : e.g. variables in Course Class