

# C# Assignment 4

Create a separate branch “assignment-4” in your repository to work on this assignment.

1. You have to create an attendance system. This will be a console project.
2. The system will initially ask for username and password.
3. There will be three types of users.
  - a. Admin
  - b. Teacher
  - c. Student
4. Admin can login and create:
  - a. Teacher (Name, Username, Password)
  - b. Course (Course Name, Fees)
  - c. Student (Name, Username, Password)
5. Admin can assign a teacher in a course
6. Admin can assign students in a course.
7. Admin can set class schedule for a course
  - a. Class schedule consists of day and time and total number of classes.
  - b. For example, Sunday 8PM - 10PM, Monday 7PM - 9PM, 20 Classes.
8. Students can login and give attendance in the course he/she is enrolled in.
  - a. Students can't give attendance outside of date & class time.
9. Teachers can check attendance reports of any course
  - a. Report will contain the Student name, and check mark on each class date if the student is present or cross if the student was absent.

All features can be done in a console based program using a database and **Entity Framework**. Do not get confused that you need something else. If you have any problem in understanding any of the above tasks, contact me or ask in class time.