Analysis of LMS

A student of instructor enters a username and password to request access (login) to the LMS. The username entered is then checked against the database of current usernames and passwords. If the username or password provided is not found in the database then a message is sent to the user indicating a login failure. If the username and password are found in the database, then the database is checked to see what level of access is assigned to that username. It is possible for a username to one of two levels of access, either user/student level or admin/instructor level. If the access level is determined to be student level then the user/student will able to view their information which includes; the Student’s Name, the Student’s ID, the courses that the student is enrolled in for the current semester, the exam scores the student has received in each course as well as the GPA for the current semester. If the access level is determined to be admin/instructor, then the user will be allowed to not only view the above-mentioned the student information, but they will also be able to make changes to student information, registered courses and exam scores.

**Nouns:**

Student

Instructor

Username

Password

Database

Message

User

Level

User/Student

Admin/Instructor

Name

ID

Courses

Semester

Exam

Scores

GPA

Information