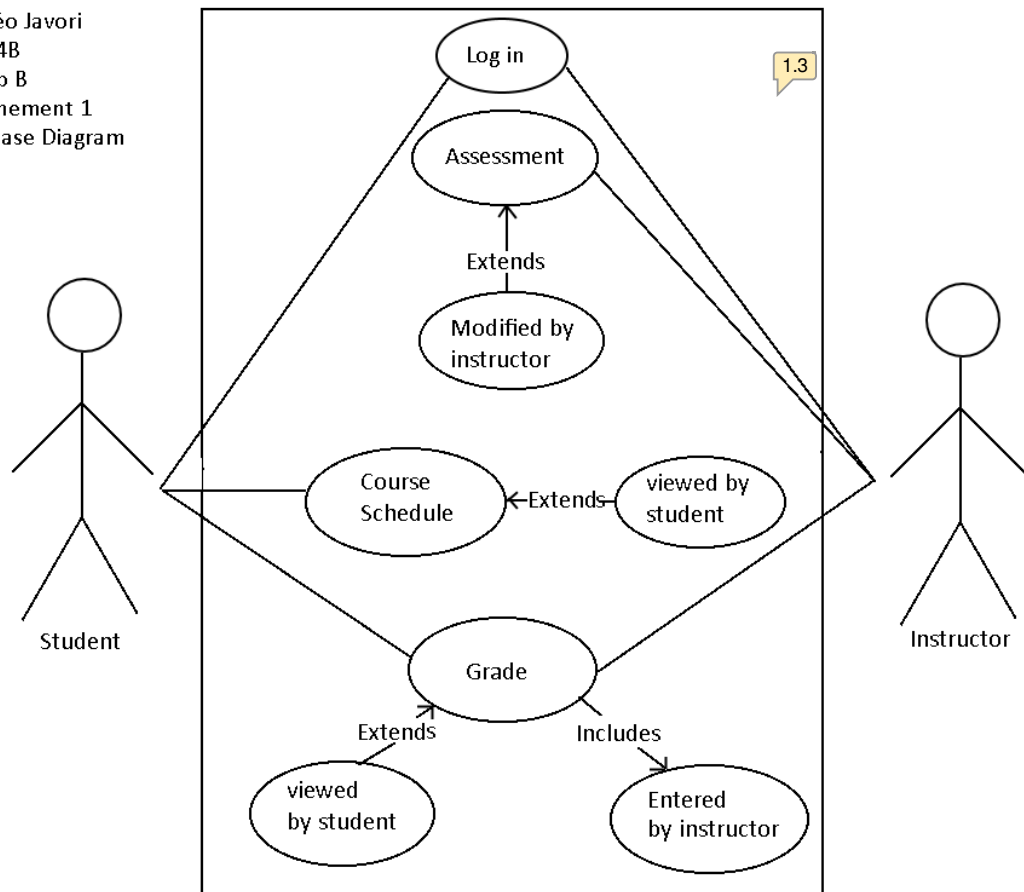


1.1

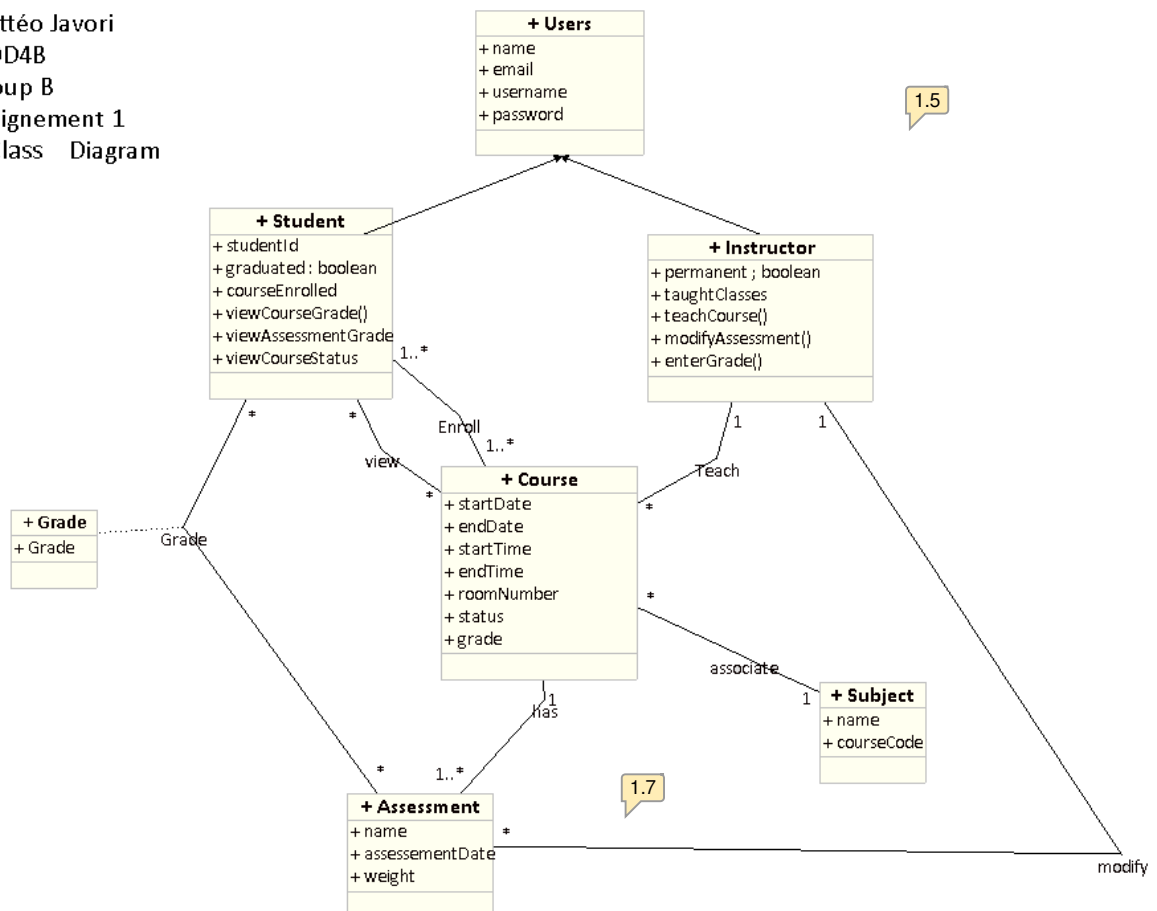
1.2

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Group B
Assigment 1
Use Case Diagram



1.4

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Class Diagram



1.6

1.7

Index of comments

- 1.1 Normally we put primary actors (Student and Instructor) together on the left-hand side of the system. The right-hand side is reserved for secondary/supporting actors (here there are none).
- 1.2 It would be good to include actor generalization with a general User actor and Student/Instructor as specific derived actors.
- 1.3 Use cases should be active phrases (usually action verb + noun). For example, instead of a simple abstract verb like "View" or a simple noun like "Grades", use an active verb phrase like "View grades". Remember, a use case describes a way of using the system to achieve one of the user's goals.
- 1.4 Data types are missing from some attributes and operations
- 1.5 Operations should be placed below the lower horizontal line in classes. Attributes above the line, operations below the line.
- 1.6 You should add an association class linked to the Student-enrolled-in-Course relationship to store information about a single student's enrollment in a single course, such as grade and status. These attributes do not belong to Course: a course doesn't have a single grade/status, but rather each student enrolled in a course has a grade/status for that course.
- 1.7 The Subject-Course relationship should be composition. Any one course belongs necessarily and permanently to a single subject.