TASK 1

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Software Development & Documentation

❖ Task 1

I. 2 Actors
II. 2 Use Cases/Actors
III. 2 Quality attributes
IV. 3 Constraints

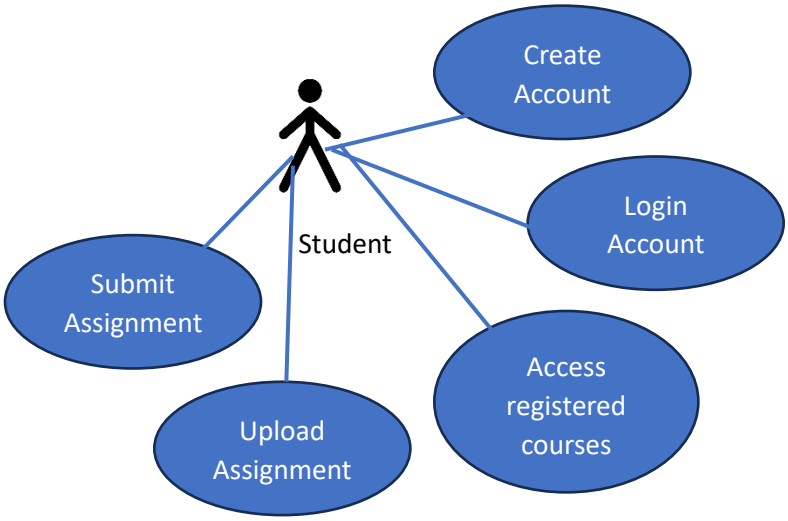
The Use case UML diagram showcases the relationship between 2 Actors (Student & Tutor), and their interactions with the system.

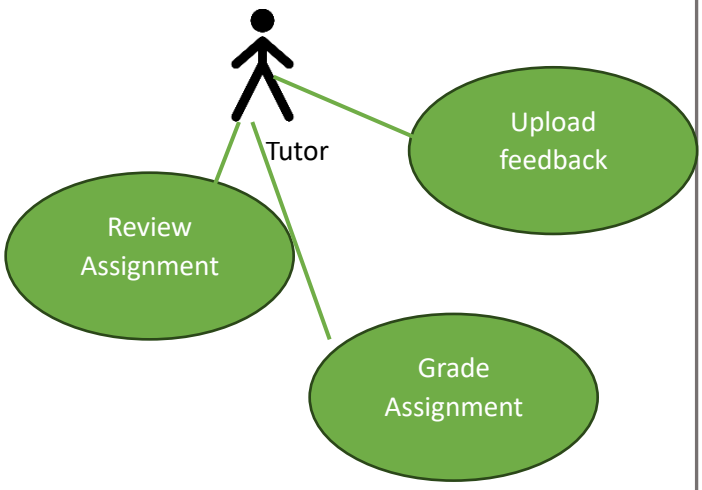
A Student is able to:

1. Create Account
2. Login Account
3. Access their registered courses
4. Upload their assignments
5. Submit their assignments

A Tutor is able to:

1. Review student assignments
2. Grade student assignments
3. Upload & send feedback to students


Create Account
Student
Login Account
Submit Assignment
Access registered courses
Upload Assignment


Tutor
Upload feedback
Review Assignment
Grade Assignment

Use Case: Edugate System
Brief description: Educational system that allows interactions between Students & tutors.
Primary Actor: Student
Secondary Actor: Tutor
Quality attribute: Reliability. System functions consistently.
Quality attribute: Security. All Users data & privacy are secured and protected.
Quality attribute: Performance. System performance has no delay. Smooth interactions between System & User.
Constraint: The system must be written in Python language.
Constraint: The system must work on both Windows & MacOS.
Constraint: The system must work on Computers, smart phones, and tablets.