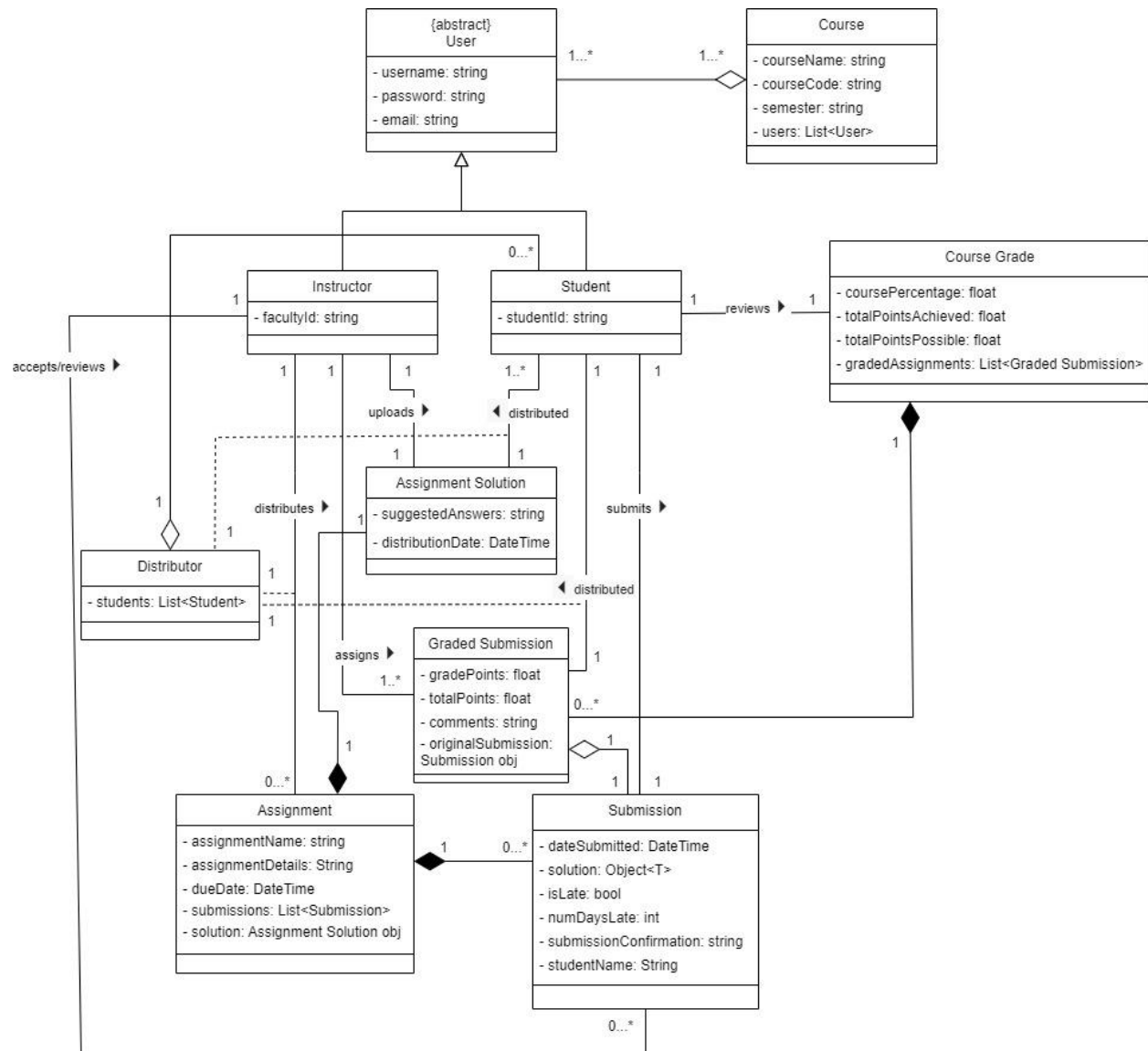Moti Begna

Seng 5801

11/11/2022

# Homework 4

## TAPS Class Diagram

## Definitions

- Assignment: A singular article of homework to be distributed by an instructor, and worked on by students
- Assignment Solution: The list of suggested answers to an assignment to be distributed at a specified date
- Course: A singular class that students are enrolled in, and instructors teach
- Course Grade: The overall grade of a student within a specific course, containing all of the individual grades from each assignment
- Distributor: The service tasked with distributing assignments, assignment solutions, and graded submissions to students on the distribution list
- Graded Submission: A student submission that has been graded by the instructor
- Instructor: A type of user that is in charge of teaching a course, distributing/grading assignments, and uploading assignment solutions
- Student: A type of user that is enrolled in a course and is in charge of submitting assignment submissions
- Submission: A student's completed solutions to a given assignment
- User: An abstract actor within the system that exists within each course