

Assignment 5 (group)
Due by: November 21st at 11:59pm
100 points

This one is simple! We're now talking about class diagrams, so it is time for class diagrams. Also, you should be making **technical progress** on your term projects, so we'll keep this one simple.

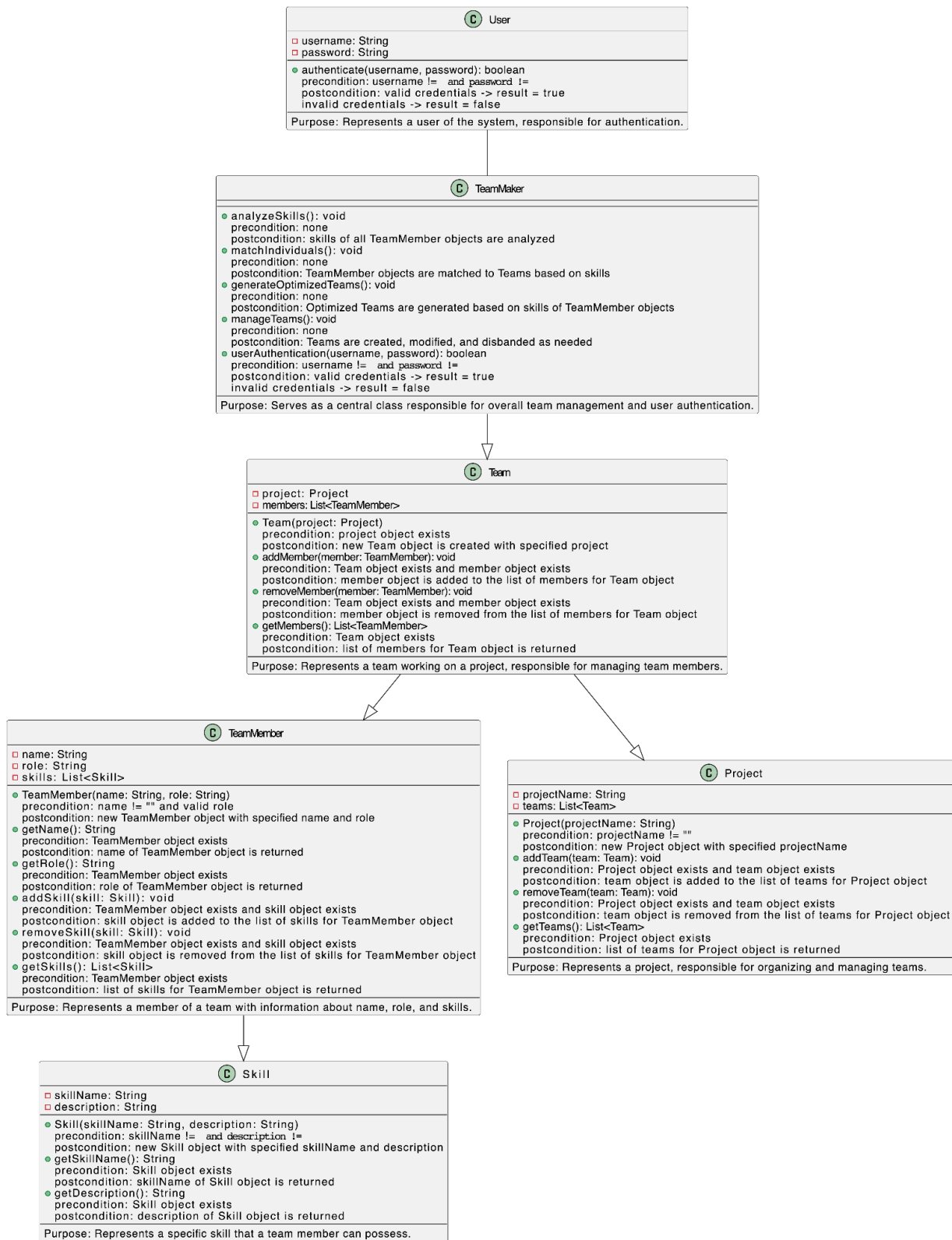
Draw class diagrams for your term project (100 points)

Requirements:

- Your submission must have a minimum of **six classes** in total
 - Note, if you need to spread out your classes amongst multiple diagrams you can (e.g., 2 classes in one, 4 in another, etc., as long as you have 6 in total)
- Each class within the diagram must comprise:
 - A name
 - A list of attributes, including types and privacy settings
 - A list of methods, including types, privacy settings, and any relevant parameters
 - Preconditions and postconditions for **every** function in your classes
 - You can attach a 'note' object to your classes to demonstrate these, you don't necessarily need to fill out the full template for each class.
 - For example:
- Draw any relationships necessary for your project. You do not necessarily need any, however if it is obvious to me that there *should* be one then it needs to be there (for example, inheritance).
- For each class:
 - Provide an **additional description** of its purpose in your overall project (so that I know what it is and its intent).
 - Provide an **object diagram** demonstrating it in action.

If you are struggling with what to draw at this point (hint, you shouldn't if you've been doing all the in-class work!) select your use case diagrams and create class diagrams based on those nouns we'd discussed in class.

Class Diagram:



Object Diagram:

