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BS (SE)   section 'B'   semester: 8th

Question: 1 draw use case diagram

Answer:

Use case name: course offering

Use case purpose: this use case provide the facility to the students to register in course. Student can add and drop course. The use case provides knowledge to the teacher about the courses and registered students.
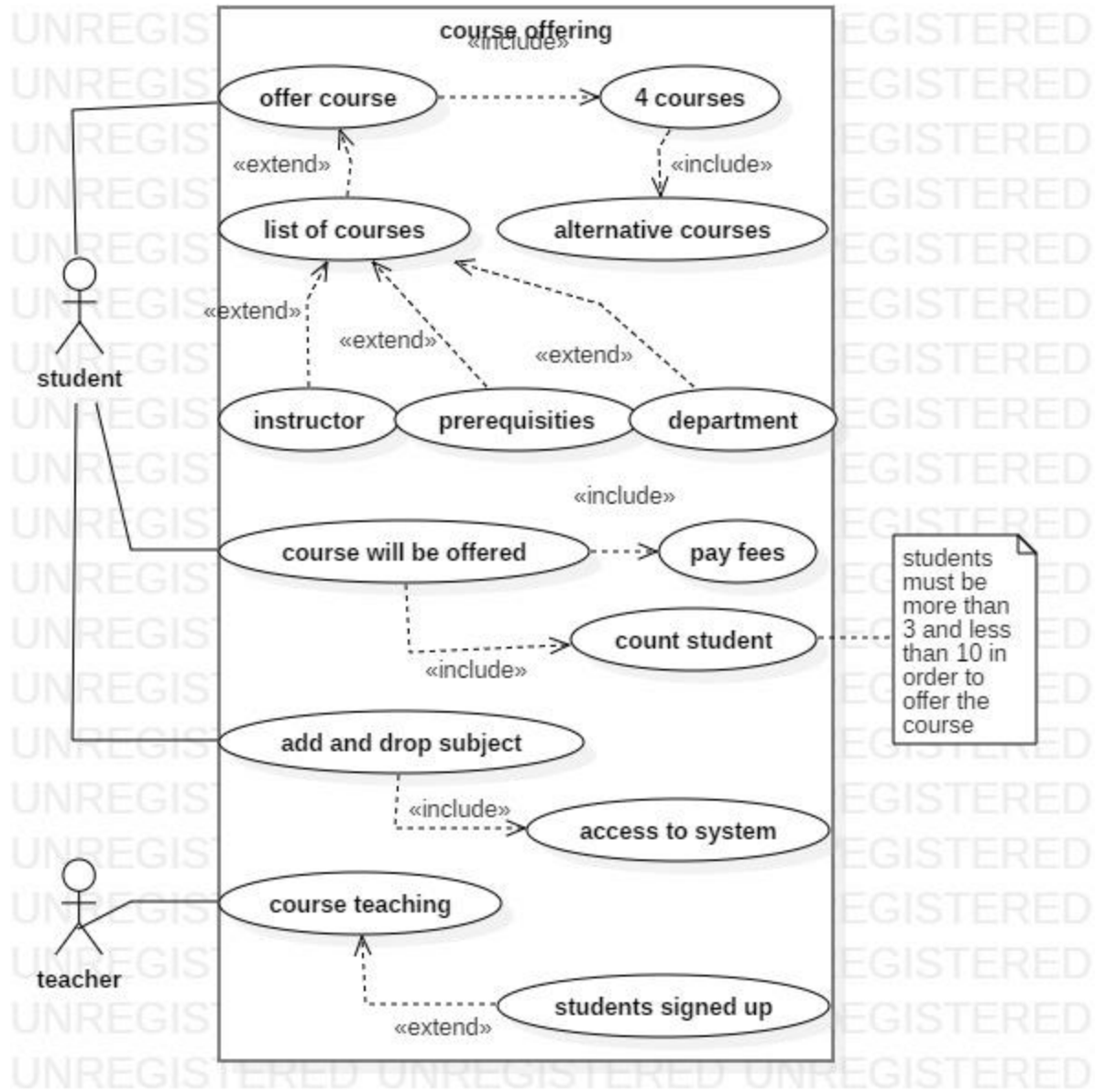
Optimistic flow:

   a. Actor can offer course of his need.
   b. Actor can view list of courses, instructor, prerequisites and department.
   c. Actor can add and drop course
   d. Actor can know about the offered courses and the students signed up.
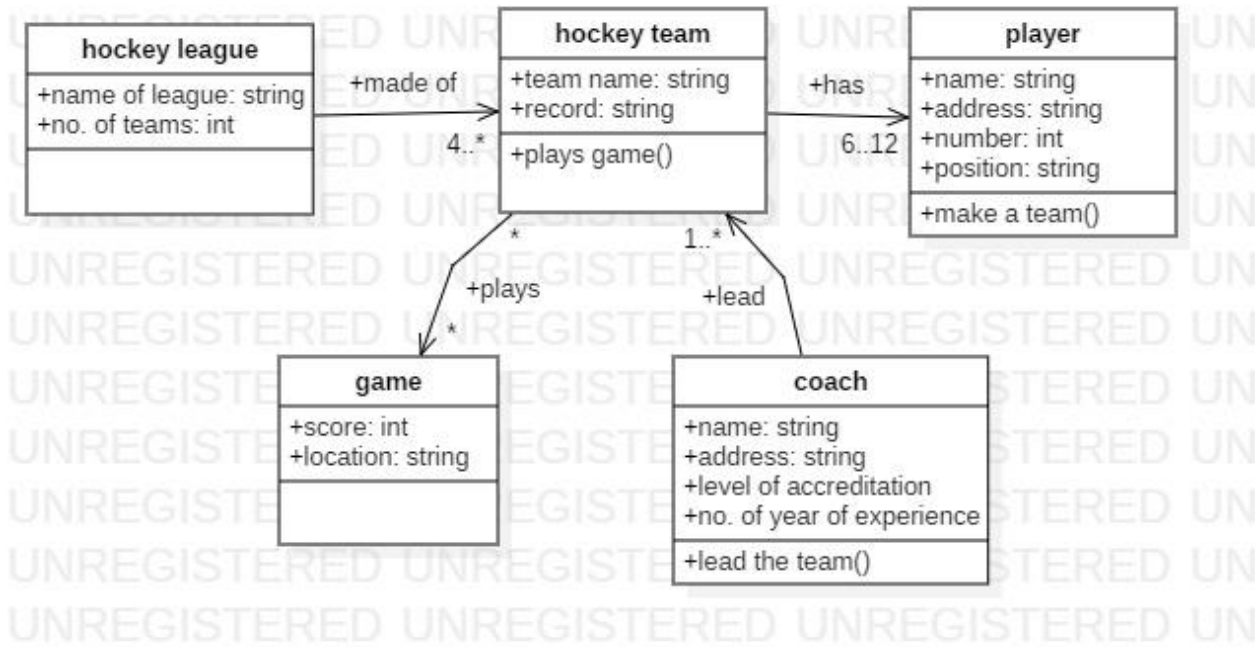   e. Actor can pay fees.

Pragmatic flows:

Condition 1: course will be offer only if the student count is more than three and less than ten.

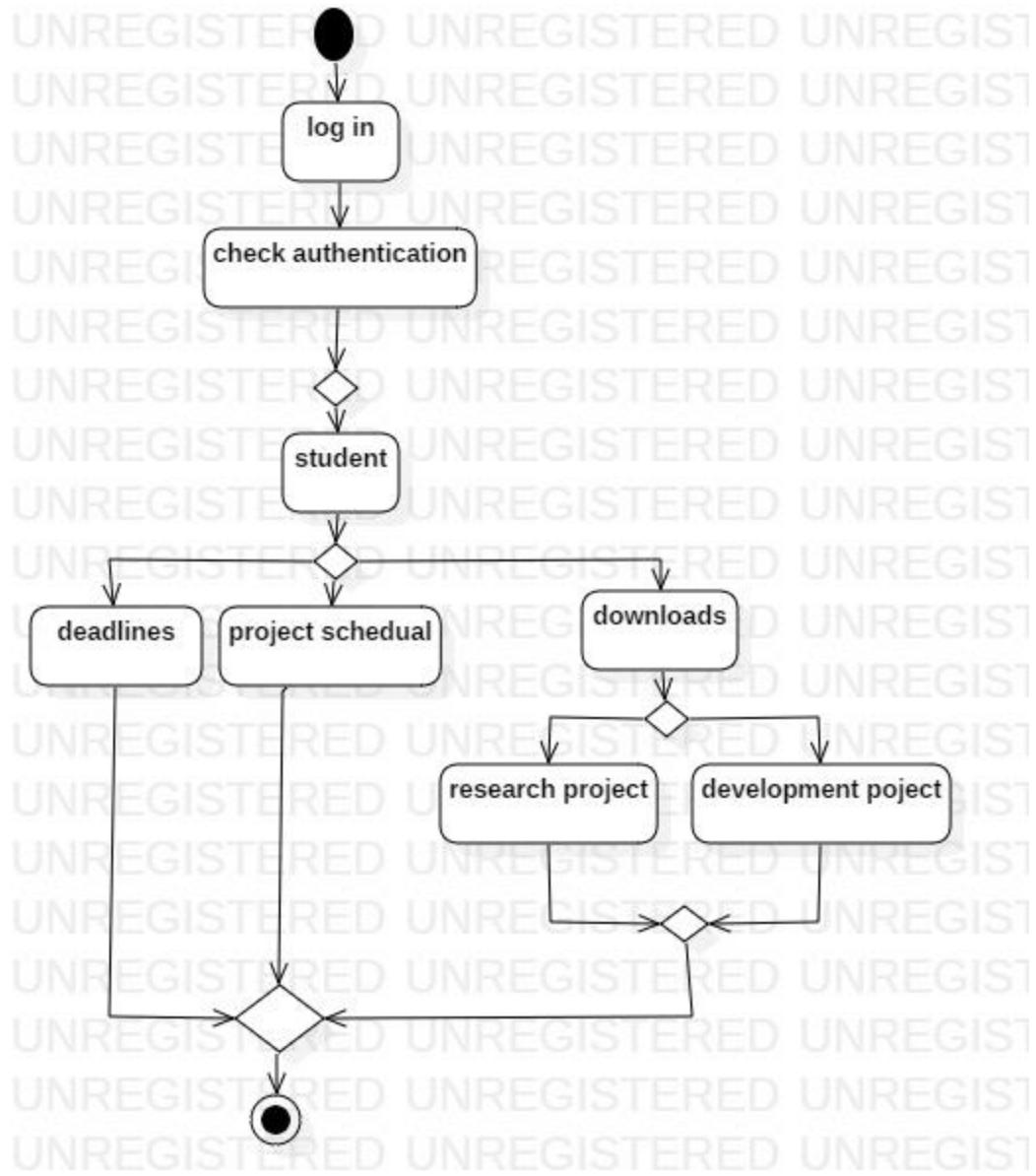**Condition 2**: student can only register in four courses.

Question: 2 draw class diagram

Answer:

hockey league
+name of league: string
+no. of teams: int

+made of

4..*

hockey team
+team name: string
+record: string

+plays game()

+has

6..12

player
+name: string
+address: string
+number: int
+position: string

+make a team()

*

+plays

*

1..*

+lead

game
+score: int
+location: string

coach
+name: string
+address: string
+level of accreditation
+no. of year of experience

+lead the team()

Question: 3 draw activity diagram

Answer: Title: **project deliverable submission system**

end.