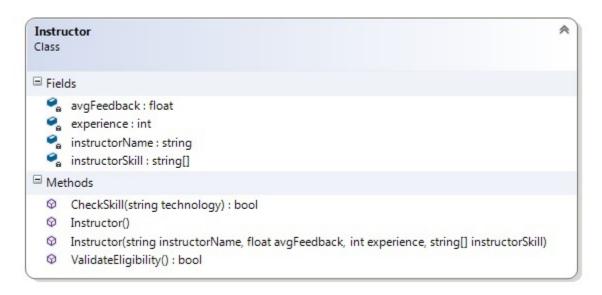
TechWorld is a technology training center, providing training to their clients on various technologies. They need to automate the process of allocating instructors for different courses. An instructor is identified by his/her name and may be skilled in multiple technologies. Assume that the skills of an instructor are stored in an array.



# **Instructor Class**



#### • Note:

- The methods implementing the below requirements should return True for valid cases and False for invalid cases.
- o Assume "experience" is a positive integer.
- o Case insensitive string comparisons should be done wherever required.

# • Parameterized Constructor - Instructor(string, float, int, string[])

o It should initialize the member variables 'instructorName', 'avgFeedback', 'experience' and 'instructorSkill' with appropriate values.

# • ValidateEligibility() method

- o The method should check the eligibility criteria as given below:
  - An instructor with more than 3 years of experience should have an average feedback greater than or equal to 4.5.
  - An instructor with less than or equal to 3 years of experience should have an average feedback greater than or equal to 4.

# • <u>CheckSkill(string technology) method</u>

- This method should accept a technology name as input parameter and check whether the instructor possesses that skill.
- o For checking validity of instructor call ValidateEligibilty() method

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Sensitivity: Confidential