UML Sequence Diagram 1: Editor Creates a Question

Scenario: A logged-in Editor creates a new question with tags and hints, which is added to QuestionList and saved to disk.

QuestionUI	QuestionFacade	Editor	QuestionList	Question	DataWriter

addQuestion(title, difficulty, tag, desc, recTime)

createQuestion(question)

new Question(questionID, title, difficulty, tag, desc, hints, recMin, solutions, comments)

return Question

addHint(text)

return boolean

return boolean

getInstance()

return QuestionList

addQuestion(title, difficulty, tag, desc, recTime)

return boolean

saveQuestions()

return boolean

return boolean