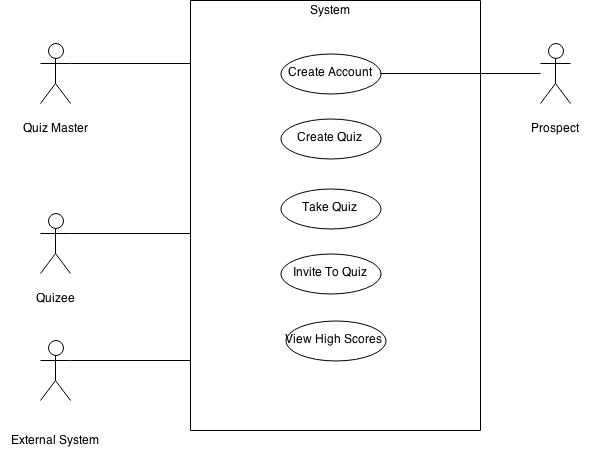
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SE 554

Quiz Master

**Overview:**

A simple quiz administration application allowing registered users to create quizzes, take quizzes, view high scores and invite others to take a quiz.

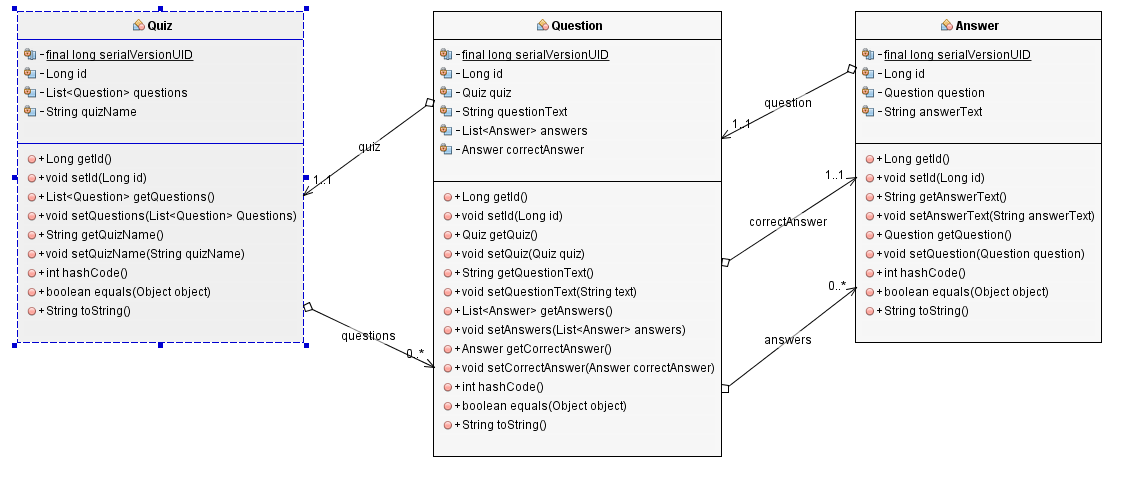


**Description of problem:**

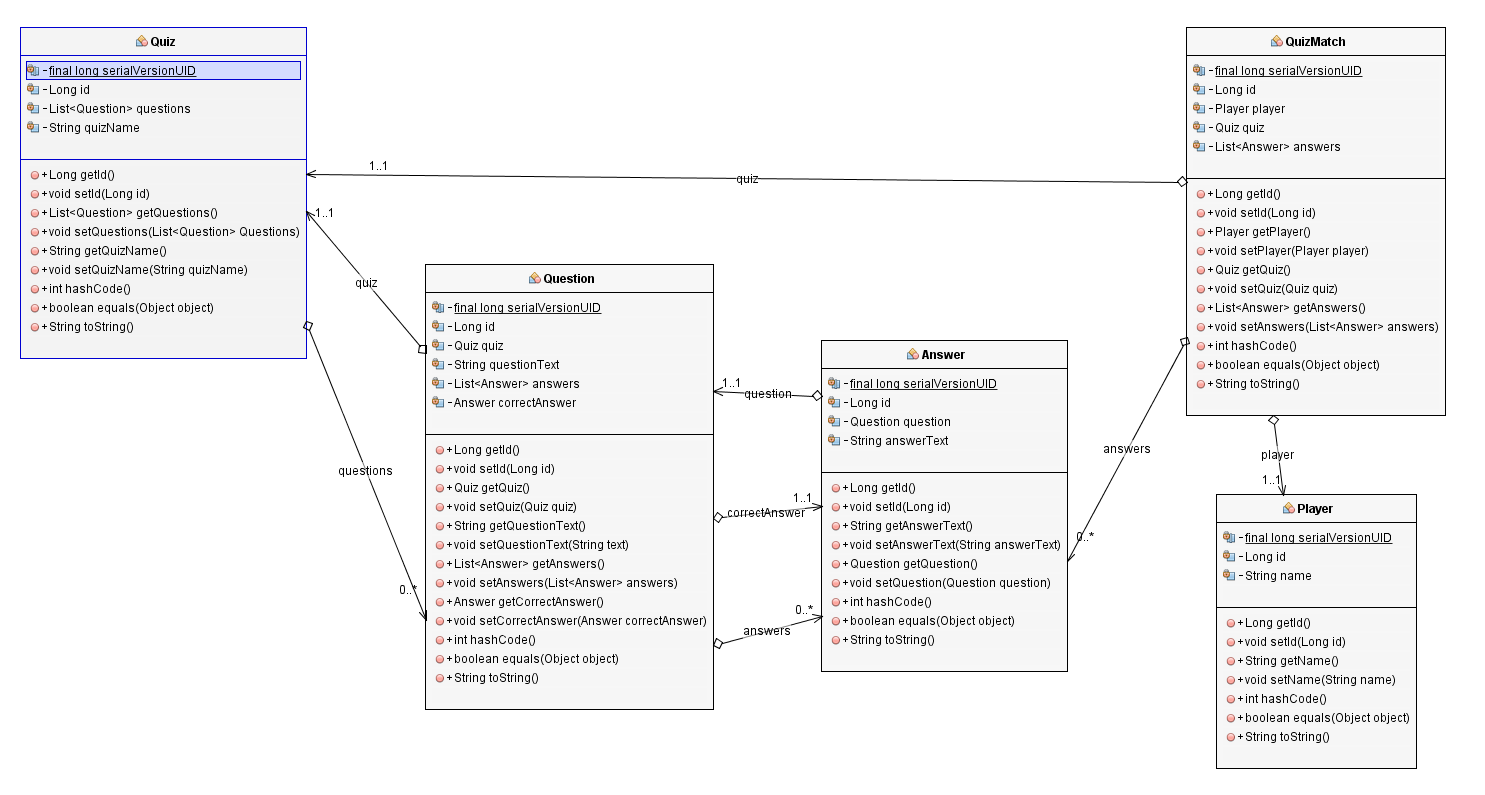
Basic quiz administration functionality for quiz masters, quizees, prospects and an external system. The application currently supports multiple choice quiz formats, but expanding the scope to include text, numerical and picture answers is planned.

**UML Diagrams**:

Quiz-Question-Answer Diagram:



Complete Diagram showing relationships with player & quizmatch:



**Table Structure:**

|  |  |  |  |
| --- | --- | --- | --- |
| |  | | --- | | QUIZ | | ID  QUIZ\_NAME | | A quiz is created by a user and contains a list of questions which in turn hold answers. |
| |  | | --- | | QUESTION | | ID  QUESTION\_TEXT  QUIZ\_ID  CORRECTANSWER\_ID | | A question is a question in a quiz. It holds a reference to the quiz which holds it as well as the correct answer for the question.  Ex: What color is the sky? |
| |  | | --- | | ANSWER | | ID  ANSWER\_TEXT  QUESTION\_ID | | Stores an answer associated with a quiz. May or may not be the correct answer for the question.  Ex:  Blue  Brown |
| |  | | --- | | QUIZMATCH | | ID  PLAYER\_ID  QUIZ\_ID | | A quizmatch represents an instance of a quiz being taken. Accordingly, it holds a reference to the quiz being taken as well as the player taking it. |
| |  | | --- | | PLAYER | | ID  PLAYER\_NAME | | A player, or quizee, is a user of the application who is taking a quiz. |
| |  | | --- | | QUIZMATCH\_ANSWER | | QUIZMATCH \_ID  ANSWER \_ID | | Table used to maintain the maintain the many to many relationship between the quizmatch and answer tables. Essentially, this table stores the supplied answers for a quiz by a player. |
| |  | | --- | | SEQUENCE | | SEQ\_NAME  SEQ\_COUNT | |  |

**Github repository:**

<https://github.com/johnkreagan/QuizMaster/>