QUIZ MANAGEMENT SYSTEM

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| **SL NO.** | **ENTITY** | **ATRIBUTES** | **KEY ATRIBUTES** |
| 1 | User | UserID, Username, Email, Password | UserID |
| 2 | Quiz | QuizID, QuizTitle, DifficultyLevel, Date of creation | QuizID |
| 3 | Question | QuestionID, QuestionTitle, Subject, OptionA, OptionB,OptionC, OptionD, Key | QuestionID |
| 4 | Answer | AnswerID, AnswerText, isCorrect | AnswerID |

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| **SL NO.** | **Relationship Name** | **Participating Entities** | **Participation Constraints** | **Cardinality Ratio** |
| 1 | Takes | User  Quiz | User - Partial  Quiz - Partial | User - Many  Quiz – Many |
| 2 | Belongs to | Question  Quiz | Question - Total  Quiz - Partial | Question - 1  Quiz - Many |
| 3 | Writes | User  Answer | User - partial  Result - partial | User - Many  Result – Many |