Lab-WORK-3

List out the entities and identify the relationship between them. Also, identify related attributes supposed to be recorded while considering the hormalization rule

To identify the entities and relationships in a database schema, as well as the related attributes, we take context of "Online Quiz Application".

1. Entities

1.1 User

Attributes: UserId (PK), UserName, Email, Password, frustName, LastName, Usertype, ProfilePicture, Registration Date, insolled (FK)

1.2 Quiz

Attributes: QuizId (PK), Title, Description, Category, OreatorId, Created Date

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1.3 Question

Attributes: Question Id, Text, Type

1.4 Option

Attributes: Option Id, Question Id (FK), Text, islament

1.5 Quiz Atlempt

Attributes: Allempt Id (PK), Werld, Quiz Id, Startline, End Time, Seore, Status.

1.6 Category. Attuibules: - lategory Id, User Id, Course Id, Our Ed

1.7 Course Attributes Course Id, Course Name, Descuiption,

1.8 Envolment
Attributes: envollmentId, studentId, CourseId, EnvolmentOre

2. Relationships

2.1 User-Ouiz Relationship

a. User can create multiple Quizzes.

b. User can atlempt multiple Ouizzes

2.2 Quiz - Question Relationship

a. A quiz can have multiple questions.

b. a question com belong to one quiz only

2.3 Question Option Relationship

a. A question com have multiple option

2.4 Quiz - Category Relationship

a. A quiz can belong to one category

2.5 Category-Course Relationship

a. A course can have multiple cartigory quizzes

2.6 Enviollment - course Relationship

a. A student can envoil in one multiple Courses