# **Relationship Description**

Subject: This table stores the subjects that the admin has created. Each subject has a unique ID and a name.

Question: This table stores the questions that the admin has created for each subject. Each question has a unique ID, a subject ID, a question text, and a type (multiple choice),

Answer: This table stores the options for each question. Each option has a unique ID, a question ID, and an option text.

User: This table stores information about the users who take the mock tests. Each user has a unique ID, a username, an email address, a password, and a profile update date.

These tables form a relational database that can store the necessary information for a BackOffice system where an admin can create subjects, questions, and options, and users can take mock tests. The relationships between the tables are established by unique IDs, such as the subject ID and the question ID, which link the tables together. Graphical user interface

Description automatically generated

Figure 1 ERD