DB Design tables in **bold**:

**Person:**

UserID -> auto-generated (PK)

Username varchar

First Name varchar

Last Name varchar

Password varchar

Role [Student, Teacher, Guardian] (enum type)

Email varchar

**Guardian-Child:**

Parent - FK int

Person Child - FK int

Person Relation Type [FATHER, MOTHER] varchar

**Teacher:**

Person – FK int

School varchar

School Board varchar

**Taught:**

Teacher - FK int

Student - FK int

**Question\_6:**

Quest\_id (int, primary key)

Quest\_text (varchar)

Image (varchar default null)

Ans1 (varchar)

Ans2 (varchar)

Ans3 (varchar)

Ans4 (varchar)

Correct\_ans (int)

Strand (varchar)

Substrand (varchar)

**Grades**

Userid int (PK)

Test1 score int

Test2 score int

Test3 score int

Test 4 score int

Test5score int

**Test:**

Test no (int 1 – 5)

Person id int

Start Time \* datetime

End Time \* datetime

Allotted Time \* datetime

Overall score int

NumSense\_score int

Geo\_score int

Meas\_score int

Data\_score int

Pattern\_score int

incorrect question ids varchar (as a serialized array)

**Video**

Video\_id int pk

Subtrand: var char

Vid\_link: varchar