Notes about Stage 1

(5%) Questionnaire

(10%) Table Creation
- The DBMS must support the **creation of up to 10 tables** using standard SQL code.
- Tables must be able to support **primary keys** (and no primary keys).
- Each table must be able to **contain up to 10 attributes**.
- The attribute types to be supported are:
  - **int** (4-byte integer from -2,147,483,648 to 2,147,483,647)
  - **varchar** (variable character string up to size 40).
- Each group must be able to show each table created after running an SQL statement.

(10%) Data Insertion
- The DBMS must support the **insertion of at least 10 tuples per table**.
- Data insertion must check for the following constraints and validations, and display error messages when a user makes an error:
  - Primary key (cannot be null or repeated)
  - Data type validation (e.g. cannot insert string into int)
  - Column size validation (e.g. do not exceed the max. size of a varchar attribute)
- Each group must be able to show each table and its corresponding data after running an SQL statement.

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