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CECS 323 Project: Relation Scheme Metadata

Link to demonstration video:

<https://drive.google.com/file/d/1IH7UETrdBH2Uhb8cf2PTtKKZLPwp659W/view?usp=sharing>

DDL, DML, Functions, and Procedures are in Relation Scheme Metadata Project.sql file.

Test plan(results of test in Demonstration video):

1. Test #1: This test will demonstrate that an attribute can be of any acceptable type. In this test we expect to see a list of attributes in a table that are of all different data types.
2. Test #2: This test will demonstrate DDL generation of a given model. We expect to see the tables created in a new schema after pasting the DDL that was generated.
3. Test #3: This test will demonstrate the splitting foreign key procedure. We expect to see whether any of the foreign key constraints going into the relation scheme are splitting the key.
4. Test #4: This test will demonstrate the subset candidate keys procedure. We expect to see if any of the candidate keys are a subset of any other candidate keys in a relation scheme.