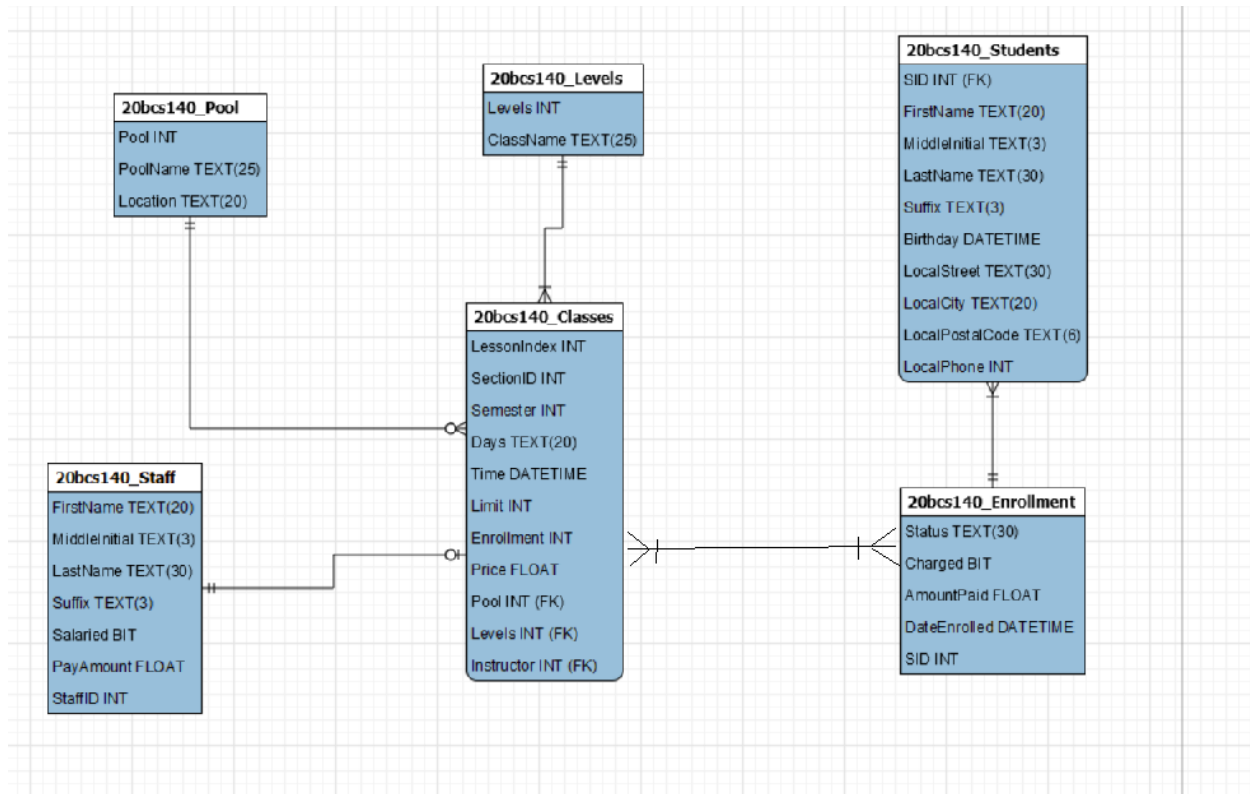


DBMS First Test

Conceptual Model:



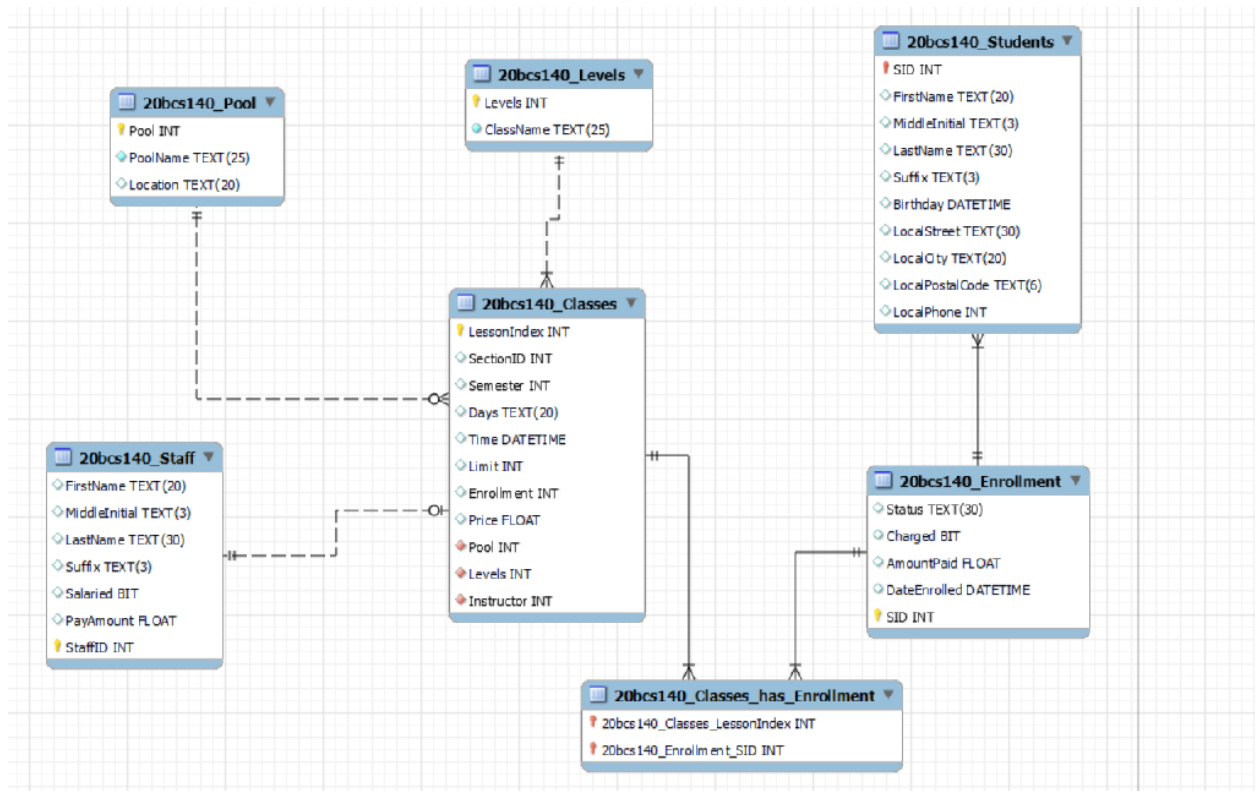
Cardinality and Degree:

1. Pool to Classes: one to many, binary
2. Staff to Classes: one to one, binary
3. Level to Classes: one to many, binary
4. Enrollment to Classes: one to one, binary
5. Student to Enrollment: many to one, binary

Weak Entity:

'Enrollment' is a weak entity in the conceptual model as it does not have a primary key.

Physical Model:



1. To make 'Enrollment' a strong entity SID is made a primary key.
2. A bridge table is added to create the many to many relationship between Classes and Enrollment.

Redundancy:

There is no data redundancy in this model