DBMS HACKATHON

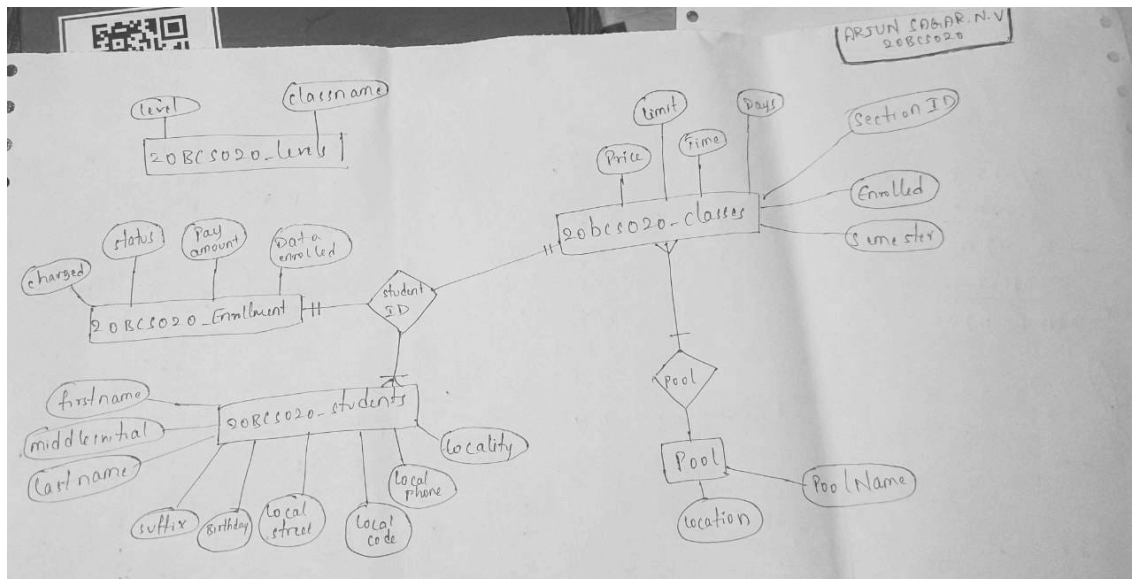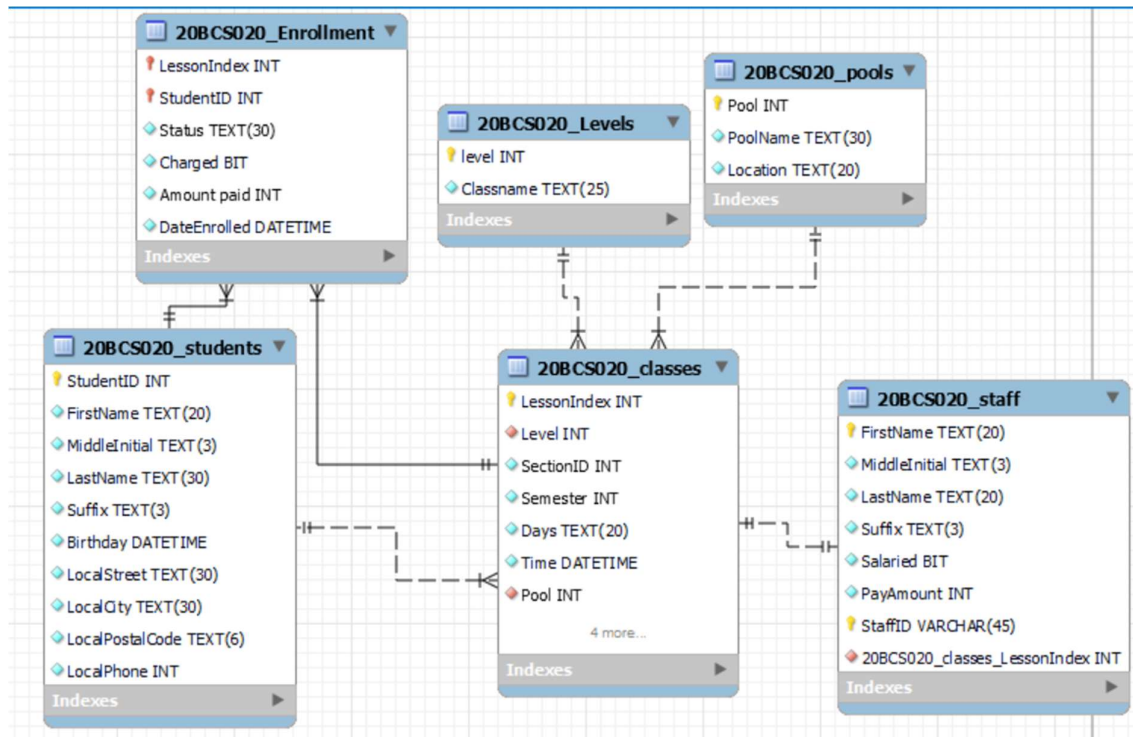**Name:** Arjun Sagar N V

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ER-Diagram:

1)

2)

Cardinality of these relationships:

1) student - enrollment : One to Many
2) Enrollment - classes : Many to One
3) classes - staff : Many to One
4) classes - Pool : Many to One
5) classes - Level : Many to One

2) Degree
   Pool = 3
   levels = 2
   classes = 11
   staff = 7
   Enrollment = 6
   students = 10

4) weak entity is Absent here.
   As each table has a primary key,
   so each table can be identified individually
   so each table is a strong entity

5) In this ER diagram, there is no visible
   data redundancies as the only duplicate attributes
                                              present

5)