

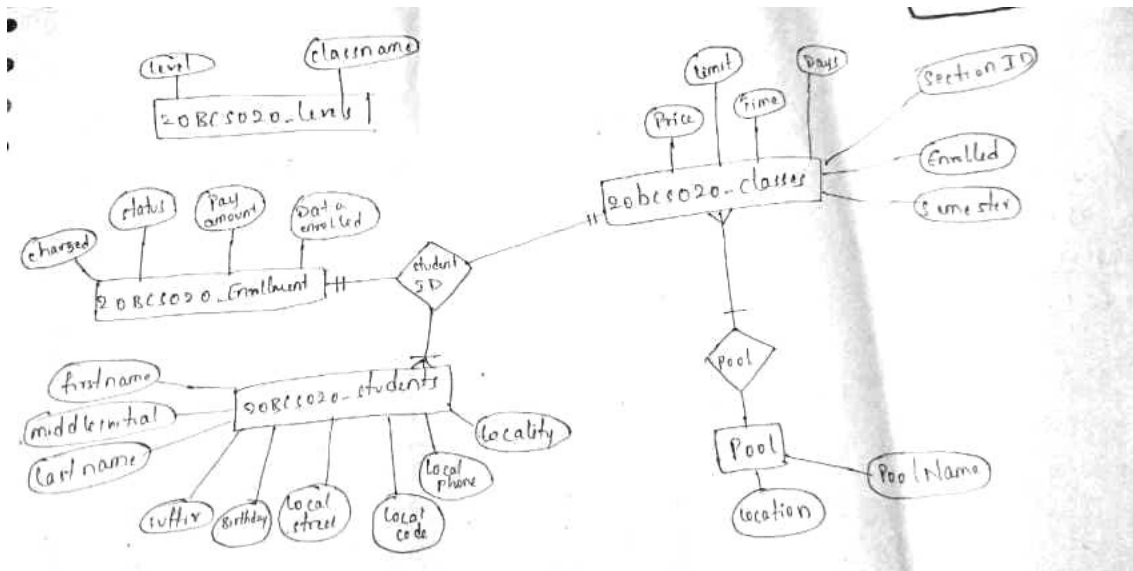
DBMS HACKATHON

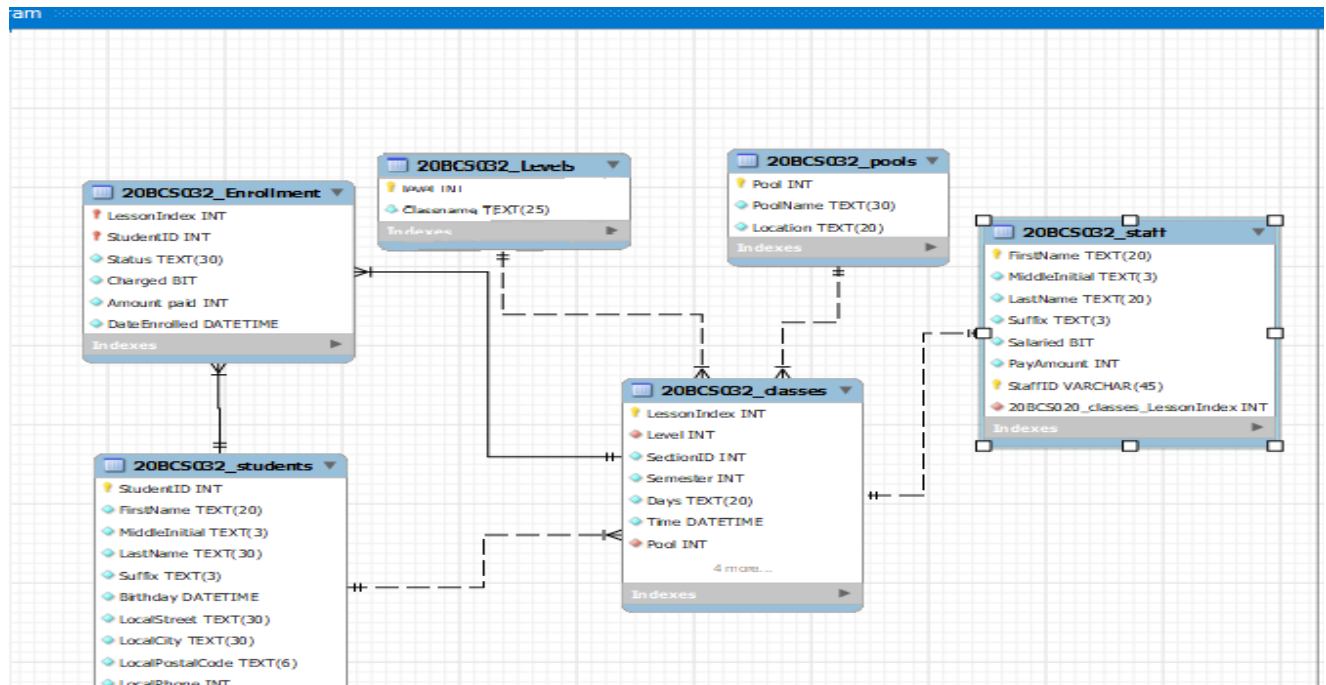
Name: BHUKYA JAGADISH

Roll no.:20BCS032

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)

