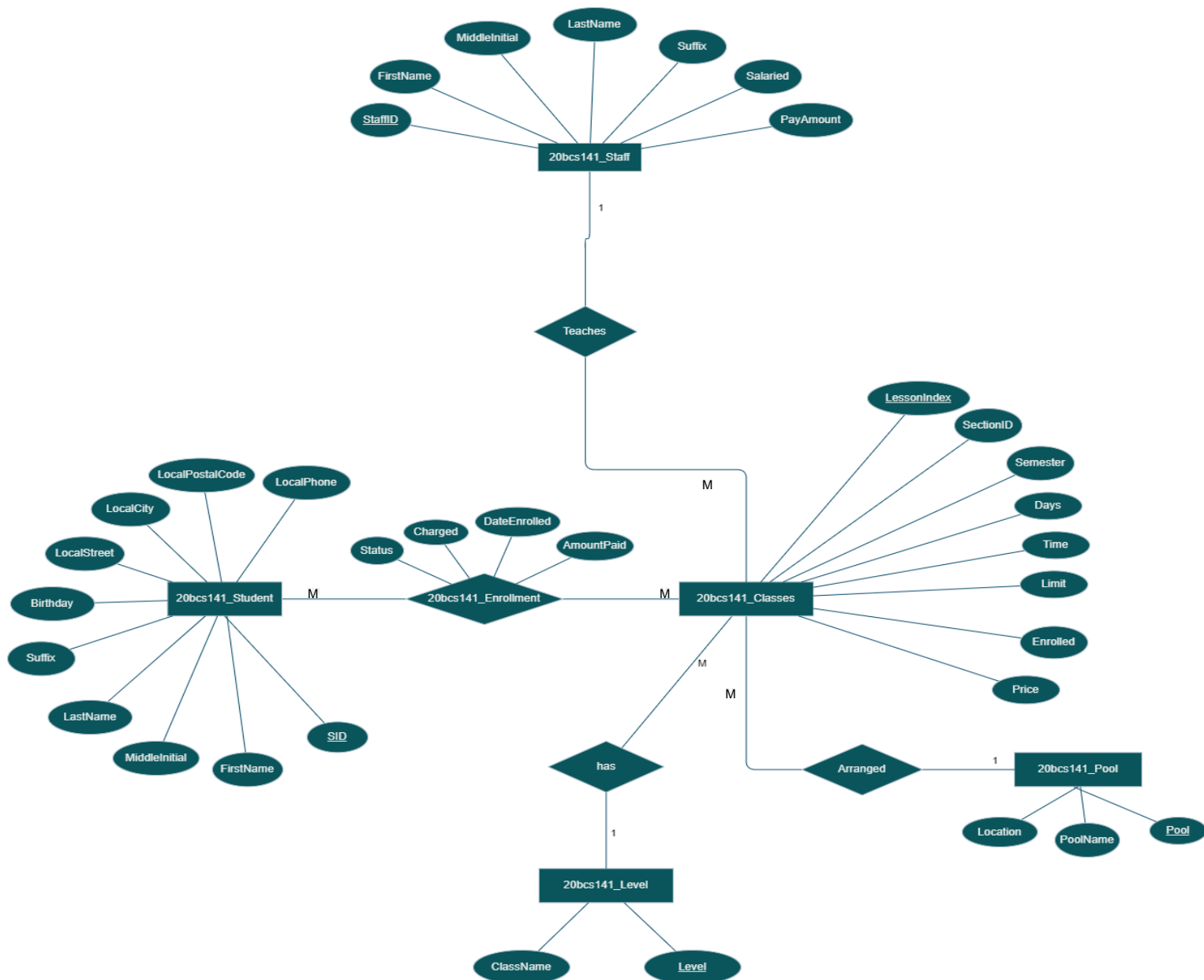


DBMS (CS310)

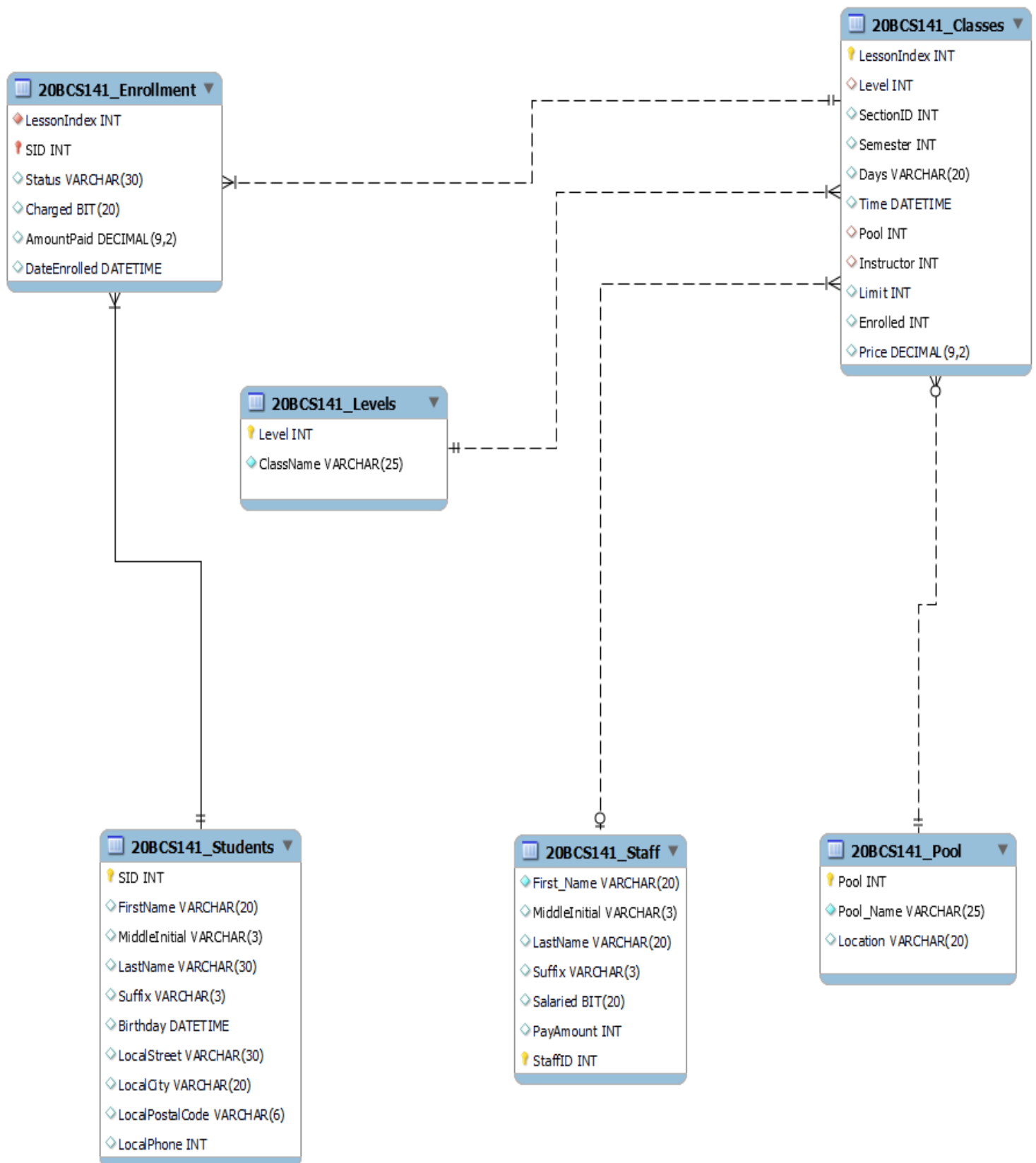
CLASS HACKATHON

Date – 04-02-2022

Conceptual Data Model –



Physical Data Model –



- There is only one weak entity in this model i.e “20BCS141_Enrollment” because it does not have a Primary Key of its own, but has 2 Foreign Keys taken together as its Primary Key. Therefore, the entity’s existence depends on the existence of the other 2 entities. Other all entities are strong.
- There is no data redundancy occurring in this model. All the tables have the necessary and relevant information stored in them, and where there is a need, foreign keys are made use to reference data in other relations.