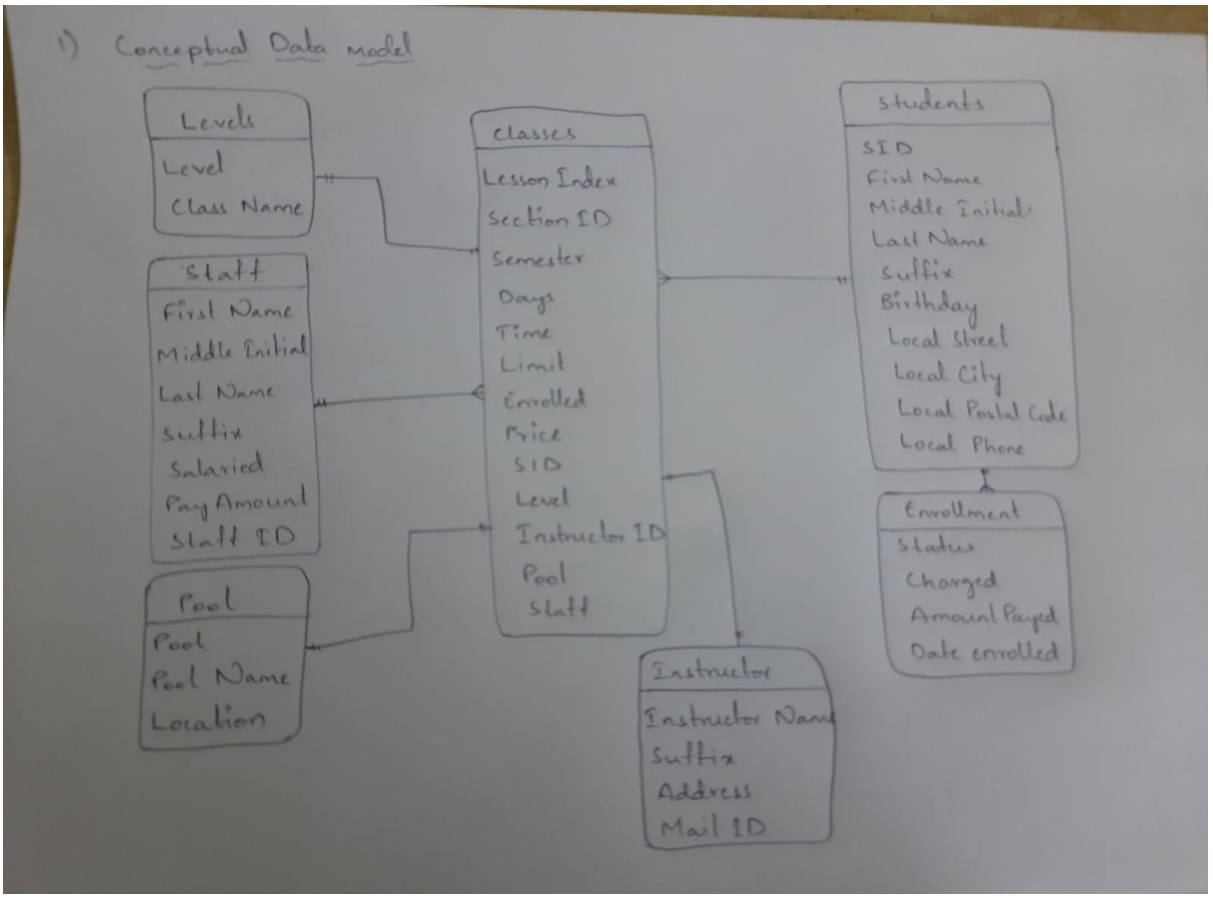
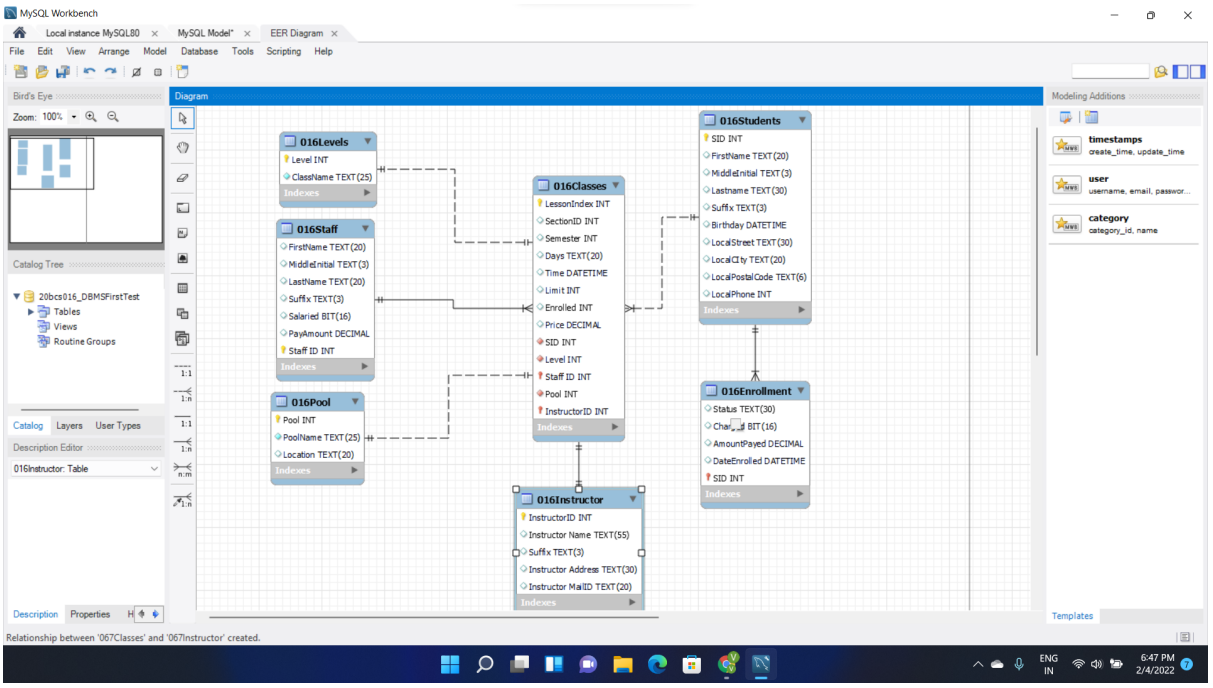
(1) levels	(2) Pool	(3) staff	(4) classes	(5) Enrollment	(6) students
level-(PK)	Pool - (PK)	FirstName (text 20)	lesson index - PK	Lesson index - (Integer PK)	SID - PK
class Name - text (25) - Null are not allowed.	Pool Name - text 25 - Null are not allowed	middle Initial (text 3)	level - integer FK	SID - integer FK (lesson index and SID) PK	First Name - text 20
		last Name (text 20)	section ID - integer	status - (text 30)	middle initial - Text 3.
		suffix - (text 3)	Semester - (int)	charged - bit	last Name - text 30
		Salaried - (Bit)	Days - text 20	Amount paid - money	suffix - text 3
		Pay amount (money)	Time - date time	Date enrolled - datetime	Birthday - datetime
		staff ID - (PK)	Pool - integer FK		local street - text 30
			Instructor (FK)		local city - text 20
			limit - int		local postal code - text 6
			Enrolled - int		local phone - int.
			Price - money		

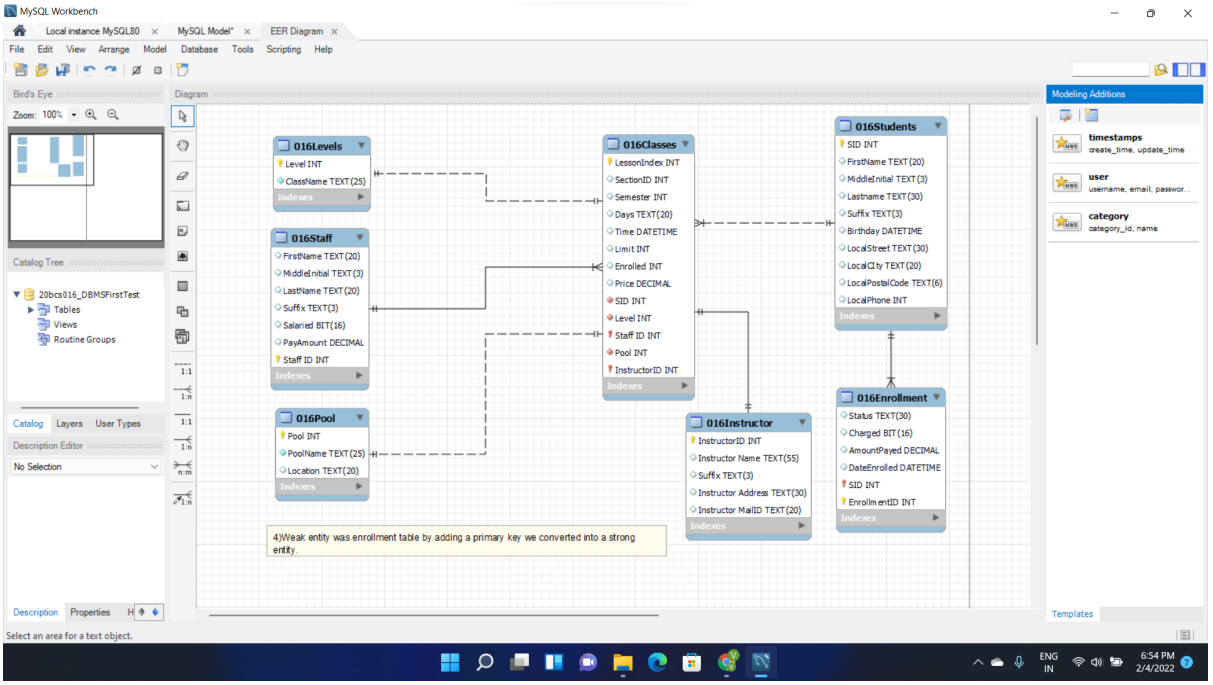
1) Conceptual Data model



2) It is a binary relation in every relation.

* relation between Levels table and classes table is one to one.
* relation between staff and classes is one to many.
* relation between pool to classes is one to one.
* relation between students and classes is one to many.
* relation between instructor to classes is one to one.
* relation between students and enrollment is one to many.





5) The only data redundancy in the physical data model created is the attribute suffix. The name of the instructor may have been repeated in staff. So, the whole name was stored as 1 attribute unlike staff table to reduce data redundancy.