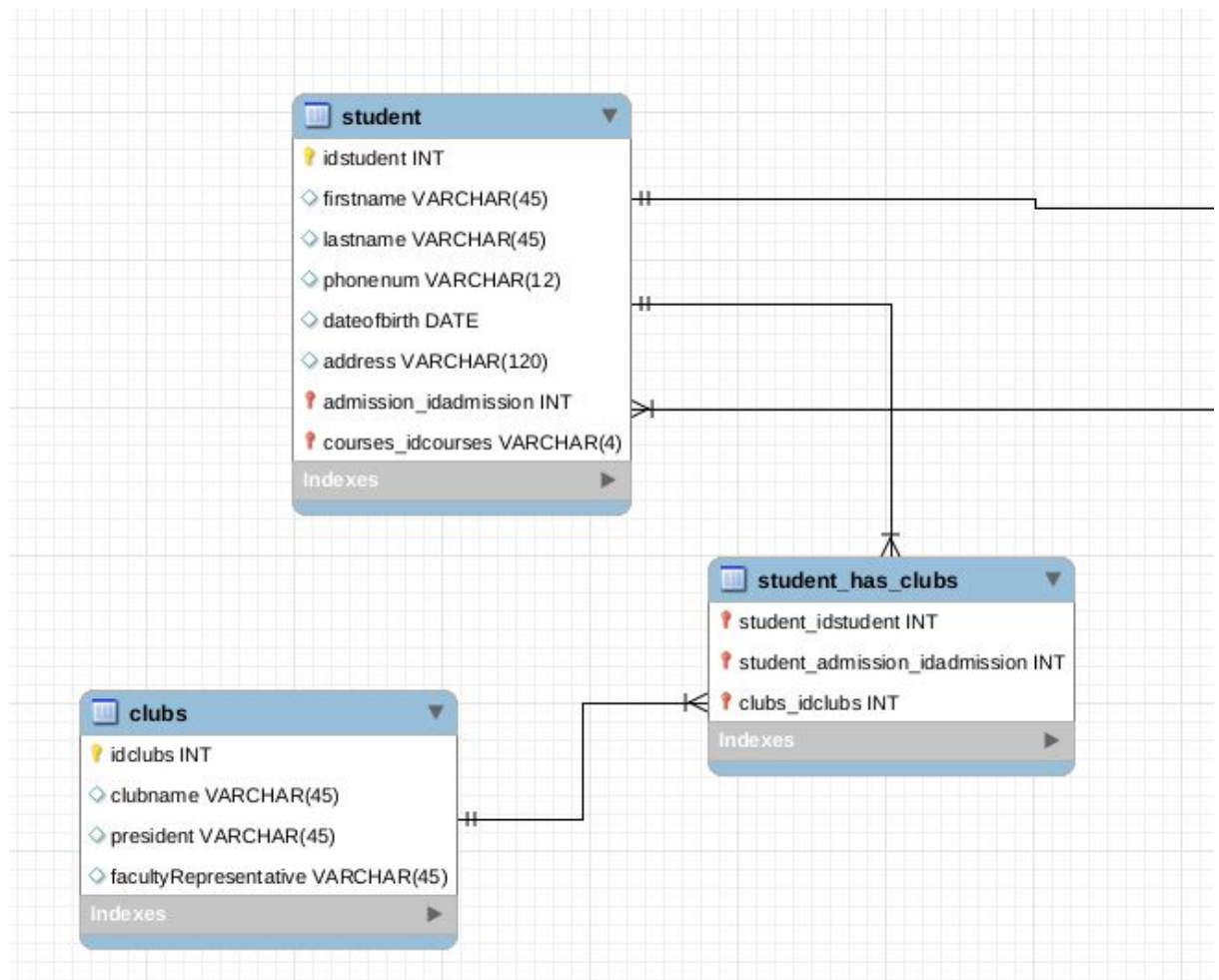


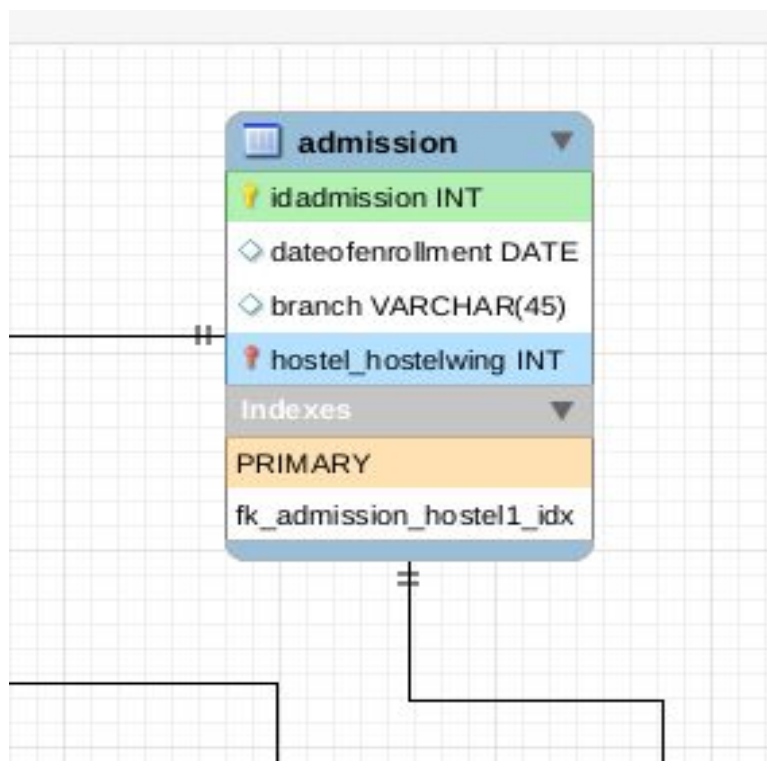
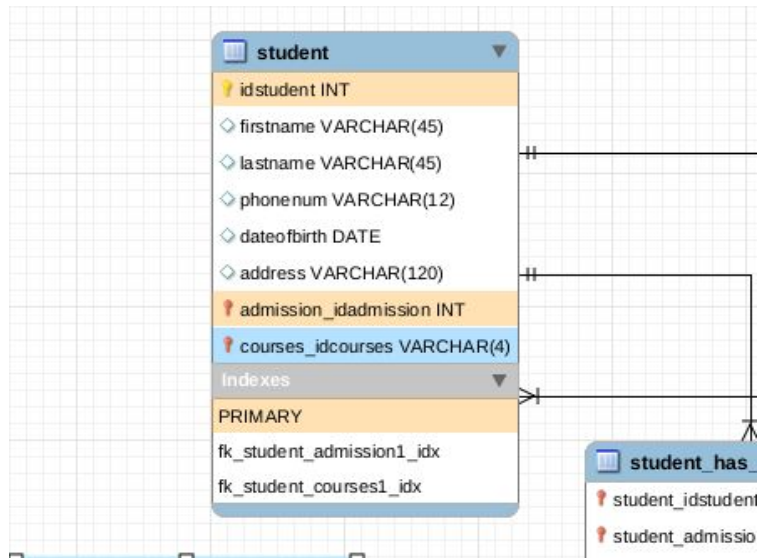
1. Showcase one Many-Many relation.

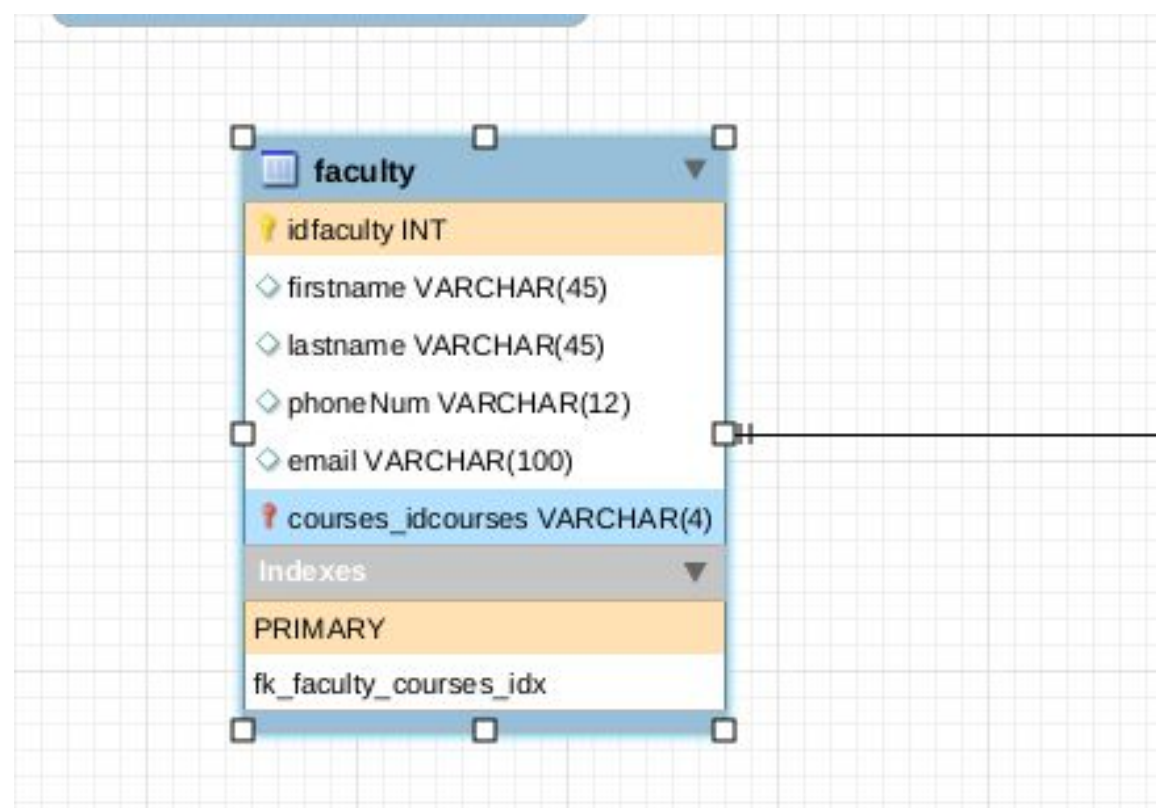
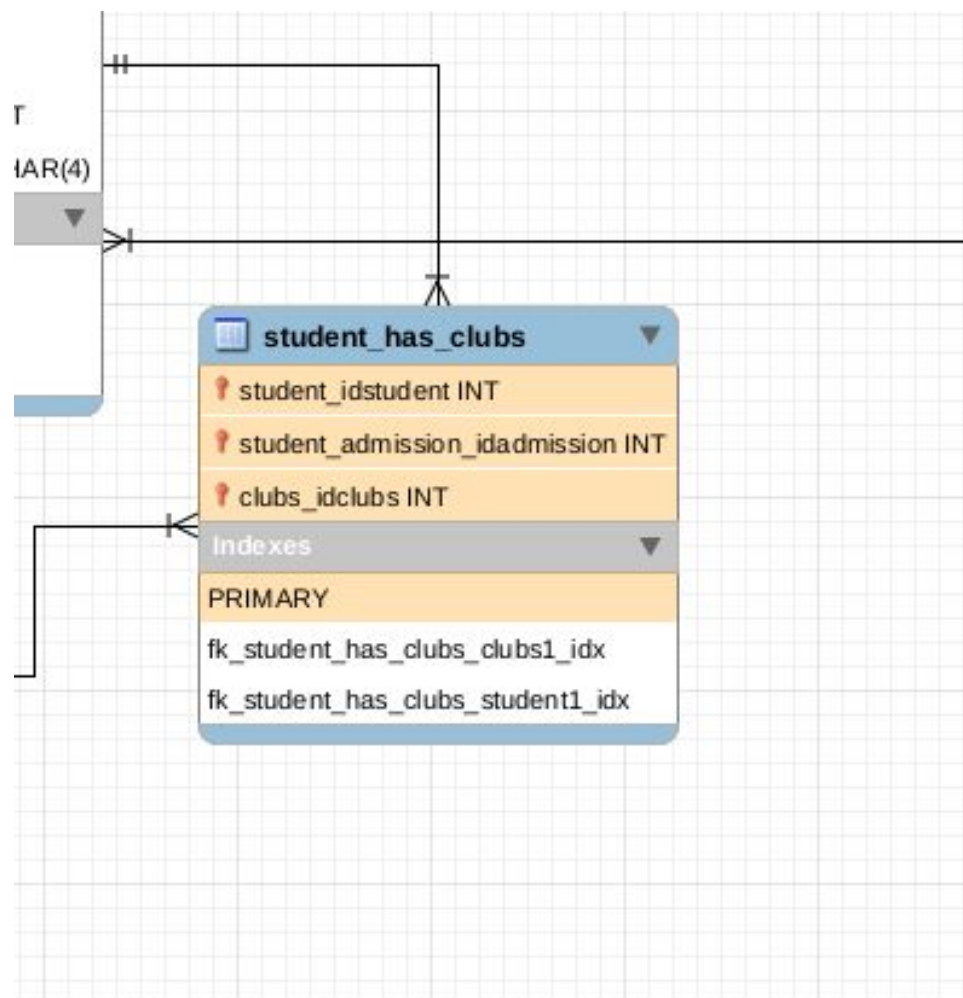


Student\_has\_clubs → students  
Student\_has\_clubs → clubs

2. Represent Composite key and Weak Entity in your Database.

Composite keys in student {idstudent, admission\_idadmission, courses\_idcourses}





### Composite keys list-

Table names	Attributes
student	{idstudent, admission_idadmission, courses_idcourses}
admission	{idadmission, hostel_hostelwing}
student_has_clubs	{student_idstudent, student_admission_idadmission, clubs_idclubs}
faculty	{idfaculty, courses_idcourses}

3.Violation of Primary Key, Unique Not Null and default key constraints through Insertion.

PRIMARY KEY-a key which uniquely identifies a row in a given table.It must have unique values and cannot contain nulls.

UNIQUE NOT NULL-all unique elements are present in that column and no duplicate values allowed and the value cannot be null.

DEFAULT:The DEFAULT constraint provides a default value to a column when there is no value provided while inserting a record into a table.

Server setup is not working, This needs the reinstallation of MySql workbench, we'll replace this document with new before Sunday (27 Sep).