4.In this project , we are using **“Campus Recruitment “** database .This database consists of 5 tables

They are 1.Student Table

2.Placement Table

3.Company Table

4.Education\_history Table

5.Recent\_education Table

Explanation of each table as follows:

1. Student Table:

In this Table, we will be providing information of all the Graduated Students.it has 4 attributes. such as Student id, Student name, age, gender .where Student id is unique as each student has a unique student id also student id of this table is considered as primary key to connect with rest of tables. Student name attribute provides name of each student .Age attribute provides age of student. Gender attribute provides information on gender of student.

2. Placement Table:

In this Table, we will be providing the Placement information of students to know whether they are placed or not. This table has 4 attributes .Such as Student id, Company id, Placement status, Salary. Here in this table student id and company id is considered as foreign keys. Student id in this table refers to the student id in student table to know whether the particular students are placed or not. Whereas company id in this table refers to company id in company table to know in which companies the students are placed. Placement status provides information about students being placed or not. Salary provides information about how much salary will the student be getting by the respective placement.

3. Company Table:

In this Table, we will be providing the companies information that had come for recruitment. This table has 2 attributes. Such as Company id and Company name. Here Company id is a primary key as each company has a unique id. Company name provide name of company.

4. Recent Education Table:

In this Table, we will be providing information about student recent education details. This table has 4 attributes. Such as Student id, Specialization, MBA percentage, Work experience. Student id in this table acts as foreign key it refers to student id in student table to relate data with students by their respective student id’s. Specialization provides students specialization fields. MBA percentage provides information about percentage obtained by the students in their respective MBA’s. Work experience provides information to know whether the student has previous work experience or not.

5. Education History Table:

In this table, we will be providing information about student’s previous education history such as schooling, degree etc. This table consists of 8 attributes .They are Student id, education id, SSC percentage, SSC board, High school percentage, High school board, degree percentage, degree type. Education id acts as primary key as each student has unique education id. Student id in this table acts as foreign key as it refers to the student id of student table. SSC percentage provides information on percentage obtained by students in their respective SSC. SSC board provides information about type of SSC board student have taken. High school percentage provides information on percentage obtained by students in their respective high schools. High school board provides type of board students choose in high school. Degree percentage attribute provides percentage obtained in degree. Degree type attribute provides type of degree.

ER diagram Explanation:

1. From the above ER diagram we can see the relation between student and company is one to many as a student can apply to many companies.
2. Relationship between student and placement is also one to many as a student get many placements.
3. Relationship between student and recent education is one to one has a student can only have one recent education.
4. Relationship between student and education history is one to one has a student can only have one previous education history.
5. Relationship between company and placement is many to many has a company can have many placements.
6. Relationship between placement and education history is one to one has a placement can only have one education history per student.
7. Relationship between education history and recent education is one to one has there is only one recent education and one previous education history per student.
8. Relationship between company and recent education is one to many has a student can apply to multiple companies with one recent education details.