ER Diagram — Placement Management System

STUDENT
- Percentage_12th
- Percentage_10th
- Registration_Number
- Last_Name
- Admission_Year
- First_Name
- Status
- **Student_ID**
- Phone
- Email
- CGPA

COURSE
- Course_Type
- Total_Seats
- Course_Code
- Course_Name
- **Course_ID**
- Duration_Years

APPLICATION
- Application_Source
- Cover_Letter
- Application_Status
- Application_Date
- **Application_ID**

COMPANY
- Company_Name
- Phone
- **Company_ID**
- Address
- Company_Type
- Email
- Industry_Type
- Website

DEPARTMENT
- Email
- Head_of_Department
- Phone
- **Department_ID**
- Department_Code
- Department_Name

JOB_POSTING
- No_of_positions
- Job_Title
- Salary_Package
- Number_of_Positions
- **Job_ID**
- Application_Deadline
- Job_Description
- Minimum_CGPA
- Status
- Location
- Location

INTERVIEW
- Round_Type
- result_status
- **Interview_ID**
- Interview_date
- Interview_Time
- Interview_duration
- venue
- Marks_Obtained
- no_of_rounds

PLACEMENT_OFFICER
- Employee_ID
- Phone
- Email
- Last_Name
- Designation
- First_Name
- **Officer_ID**

Relationships
- SUBMITS (STUDENT 1 — M APPLICATION)
- ENROLLED_IN (STUDENT M — COURSE)
- BELONGS_TO (COURSE M — 1 DEPARTMENT)
- RECEIVES (APPLICATION M — JOB_POSTING)
- MANAGES
- POSTS (COMPANY 1 — M JOB_POSTING)
- SCHEDULED_FOR (INTERVIEW M —)
- Co-ordinates (COMPANY M — PLACEMENT_OFFICER)

DEPARTMENT

Head_of_Department	Department_ID	Department_name	Department_Code	Phone	Email

STUDENT

First_Name	Last_Name	Email	Phone	CGPA	Percentage_10th	Percentage_12th	Registration_Number	Admission_Year	Status	Student_ID	Department_ID

COURSE

Course_ID	Course_Name	Course_Code	Duration_Years	Course_Type	Total_Seats	Department_ID

COMPANY

Company_ID	Address	Company_Name	Company_Type	Phone	Industry_Type	Website	Email

JOB_POSTING

Job_ID	Job_Title	Job_Description	Salary_Package	Location	Minimum_CGPA	Application_Deadline	Number_of_Positions	Company_ID

INTERVIEW

Interview_ID	Interview_date	Interview_duration	no_of_rounds	venue	Interview_Time	result_status	Marks_Obtained	Application_ID

PLACEMENT_OFFICER

Employee_ID	First_Name	Last_Name	Designation	Phone	Email	Officer_ID

APPLICATION

Application_ID	Application_Date	Application_Source	Cover_Letter	Application_Status	Status	No_of_positions	Location	Student_ID

ENROLLED_IN

Student_ID	Course_ID