Aum sri Sairam

Placement cell management

Problem statement

**Problem statement**

* Placement cell management deals with the placement of students in companies ,helps students to know about industry and training the students for the placement. manages application of students ,college of student , type of job for student.Placement cell management have to see all the records of the student to give placement and it is time consuming task to search for all the records and we may find error in that and sorting is the main problem among the students.

Placement cell management willhave different classes and their attributes .Entities of placement are linked with each other and they have unique ID .

* There will be certain details of student with the college who applied for the placement which have their attributes id of applicant ,name of applicant ,mobile number of applicant, address,email of applicant which will have unique id .
* Each college which is providing the placement will consist of the attributes college id , name of the college, address of college and courses it offers to student.
* Placement staff manages the placement with attributes placement id and qualification requirement with a placement officer.
* Different companies come to the college for placement of students bringing up the job for them and their attributes are job id, company name , job name ,salary that will be given by the company, vacancy for the job.
* There are training camps for the students and there are attribute for training which are training id , training name, joining date .

**Entities-**

* Student (Person)
* College(Place)
* Placement(Concept)
* Job(Event)
* Training(Event)

**Attributes for my Entities**

|  |  |  |
| --- | --- | --- |
| **Entity type** | **Attribute** | **Type** |
| Student  (strong) | Student\_id(primary key)  Name  Mobile number  Address  Email | Required  Composite  Multivalued  Composite  Simple |
| College  (strong) | College\_id(primary key)  Name\_of\_college  Address\_of\_college  Courses | Simple  Simple  Composite  Multivalued |
| Placement | placement\_id  placement\_student\_id  qualification\_requirement | Simple  Simple  Multi-valued |
| Job  (strong) | job\_id(primary key)  company\_name  job\_name  salary  vacancy | Simple  Simple  Multivalued  Simple  Simple |
| Training | training\_id  training\_student\_id  training\_name  joining\_dates | Simple  Composite  Simple  Simple |

**Relationship for my entities**

* Student (Person)
* College(Place)
* Placement(Concept)
* Job(Event)
* Training(Event)