

184104E

Mifdha Milan

IN 1400- ERD assignment

Batch 18(IT)

Question

The officials of ABC technologies decided that all information related to the company's internship program and the process related to it should be stored using a DBMS. The relevant information are as follows:

APPLICANT applies for JOBPOSTING. Job posting details such as: a unique ID for job, Name, salary and job requirements should be stored in the DB.

At first an applicant takes a TEST. An applicant can take only one test. some applicants might apply to the test and not take the test. Applicant details such as: Name (first name, last name), Contact number, Date of birth, age, Email address, Address (Street number, Street, city), Achievements should be stored in the database. Each and every applicant is provided with a unique ID. Test details contains a unique Id for test, round, type of test, maximum marks provided and time duration.

If only the applicant passes the test, then he can face INTERVIEWS at a particular date & time at a given location. Interview is interviewed by an EMPLOYEE, interviewer of the company, whose Employee ID, salary, name, post, experience and his post in the company are stored in the db.

Several Job posting are made available for the applicant by the relevant DEPARTMENT of the company and each and every job is managed by a particular manager. all the departments have manager and we keep track the start date when the manager began managing the department. Department contains name, location and a unique Id. Department has employees and it has several locations.

When the applicant passes the interview he becomes the intern, an employee at the company. He is given a single PROJECT. A Project can be for a single intern or group of interns. many interns are mentored by a mentor, who is an employee at the company and every intern is given a mentor and as well every mentor will have one or many interns under them. project details such as: title, unique ID, type, duration and location should be recorded. A project has a single location.

Then DEPENDANTS of interns' first name, date of birth, age, gender and their relationship to the intern are stored in the company database for insurance purposes.

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