e- Recruiting application

Sampath

Github URL

24/03/2022

**Initial Proposal:**

During the course I am working on an e-Recruiting application. It is a simple application used for finding a right person for a right job. e-Recruitment works on cloud computing. Data related to openings with organizations directly, openings with consultancies, candidates (job seekers) personal data, data related to finance generated through CV purchasing by the recruiters. All these data are stored in database, file server. File server is used to store CV’s.

After storing the data, we can use the data to advertise the job opening, find out an eligible candidate, interview him through vide calls and surveys can also be conducted regarding the application.

As already discussed, the data will majorly come from organizations, consultancies, job seekers. I will be using SharePoint portal as my front end application and SQL server as my DB.

The application is mostly used by HR people and candidate searching for job as this save most of their time. Not only from the time perspective but also the application is efficient and less expensive.

**Relational Database Design Process**

The main Objective of designing Data Base is helpful for logical designing and Application Model.

This Design Process determines the purpose of database for e-recruitment application,

* -database design with size, authentication
* -creating tables (Entities)
* -specifying table relationships like Primary Key, Foreign Key
* -Data Base Diagrams (ER-Diagrams)
* -Normal Forms
* -Functions
* -Triggers
* -Stored Procedures

Database design is the crucial part of designing application. In this week-2 assignment I am presenting few tables and sample data (in CSV format) for e-recruitment Application.

**Establishing Data Base Tables for e-Recruiting Application:**

* JobSeeker Table: Information of candidate who is searching for a job
* Fresher Table : if the candidate is fresher who just from University with out technical skills
* Experienced Table : candidate who worked for different organizations and lots of Skills
* Organization Table: Organizations who is looking for canditates
* Technology Table : different technologies in market

**List of Fields (Columns) in Data Base Tables:**

**JobSeeker**

{ Js\_ID int,   
Js\_FirstName Varchar (10),  
 Js\_LastNAme Varchar(10),  
 Js\_Email Varchar(10),   
Js\_mobileNumber int,   
Js\_DOB Date }

**Fresher**

{ JS\_ID int,  
University varchar (20),  
YearPassing Date  
CourseTitle VarChar(20) }

**Experienced**

{ Js\_ID int,  
ORG\_ID int,  
Years\_of\_Exp int,  
JobRole varchar,  
Technology\_ID int,   
Salary int,  
Location varchar(10) }

**Organization**

{ ORGID int,  
ORGName varchar,  
JObtitle varchar,  
ORG\_emai varchar}

**Technology**

{ TechID int,  
TechName Varchar(10) }