

SYNOPSIS

Recruiting is very difficult process when company has large openings and HR has to manage all the process starting from seeing Applicant information to assigning interviews and managing the data of all the applicant interview process from interviewer.

Recruitment Portal is a web application mainly serves Admin side for specific company to easy the managing job process for HR.

PROJECT DESCRIPTION

The main purpose of the application is to minimize the manual work with intelligence. It is specific to company side. Here, it mainly targets the Recruitment Department of IT industry. It is a web based application which enables the flexible way for recruitment process and is remotely accessible.

The Portal is working mainly with two roles – Admin User and Applicant. It facilitates the applicants to apply directly for job roles. Along with it, Admin User is having facility to manage all the applied application throughout whole recruitment process.

An Applicant User is able to apply for a job vacancies with required documentation. Applicant will have to wait for the Admin to approve or reject the application and then interview rounds will start.

Admin User in the department enters details of a new job in recruitment system, or selects a job that already exists. Admin is able to reject, approve the request of the applicant. If Admin approve the request of the applicant then it will create a active application for particular applicant for the interview round. Otherwise, Admin can send mail to applicant about rejection with reason. Admin also can assign interviewers to applicant.

MODULES

1. Admin module

Admin module provides various functionalities. The Admin is responsible for managing the Recruitment Portal. Admin is responsible for advertising the job vacancies in the company. He/she will also manage the job vacancies.

Admin can approve or reject the application of the applicant and manage all the information about them. He/she will inform the applicant manually to applicant about approval or rejection.

If the application is approved then the next part is scheduling the interview rounds for the candidates. He/she will inform candidate manually about it. Admin can also manage interviewers and assign them task.

2. Applicant module

An Applicant module also has various functionalities. The Candidate will able to see the job vacancies in the portal. The Candidate will able to register for the specific job vacancies available in the portal. The Candidates have to give all the details and give proper documentation that is asked for. They will get notified manually by Admin about their approval or rejection.

3. Interviewer module

The interviewer has their own credential in the portal. They will be provided with all the interview schedules that they need to take by Admin. After interview session ended, They have to send feedback to Admin about the Applicant.

DATABASE DESIGN

1. Applicant

Field	Data Type	Constraint
Id	Int	Primary key
Fname	Varchar2	Not null
Lname	Varchar2	Not null
Gender	Varchar2	Not null
Email	Varchar2	Not null
Mobile_number	Int	Not null
SSC_marks	Double	Not null
HSC_marks	Double	Not null
Graduation_degree	Varchar2	Not null
Experience	Varchar2	Not null
Resume	File	Not null

2. Job post

Field	Data Type	Constraint
Id	Int	Primary key
Category_id	Int	Foreign key
Location	Varchar2	Not null
Job_role	Varchar2	Not null
Vacancy	Int	Not null
Job_type	Int	Not null
Experience	Varchar2	Not null
Eligibility_criteria	Varchar2	Not null
Skills	Varchar2	Not null

3. Job category

Field	Data type	Constraint
Id	Int	Primary key
Job_title	Varchar2	Not null
Department	Varchar2	Not null

4. Interview schedule

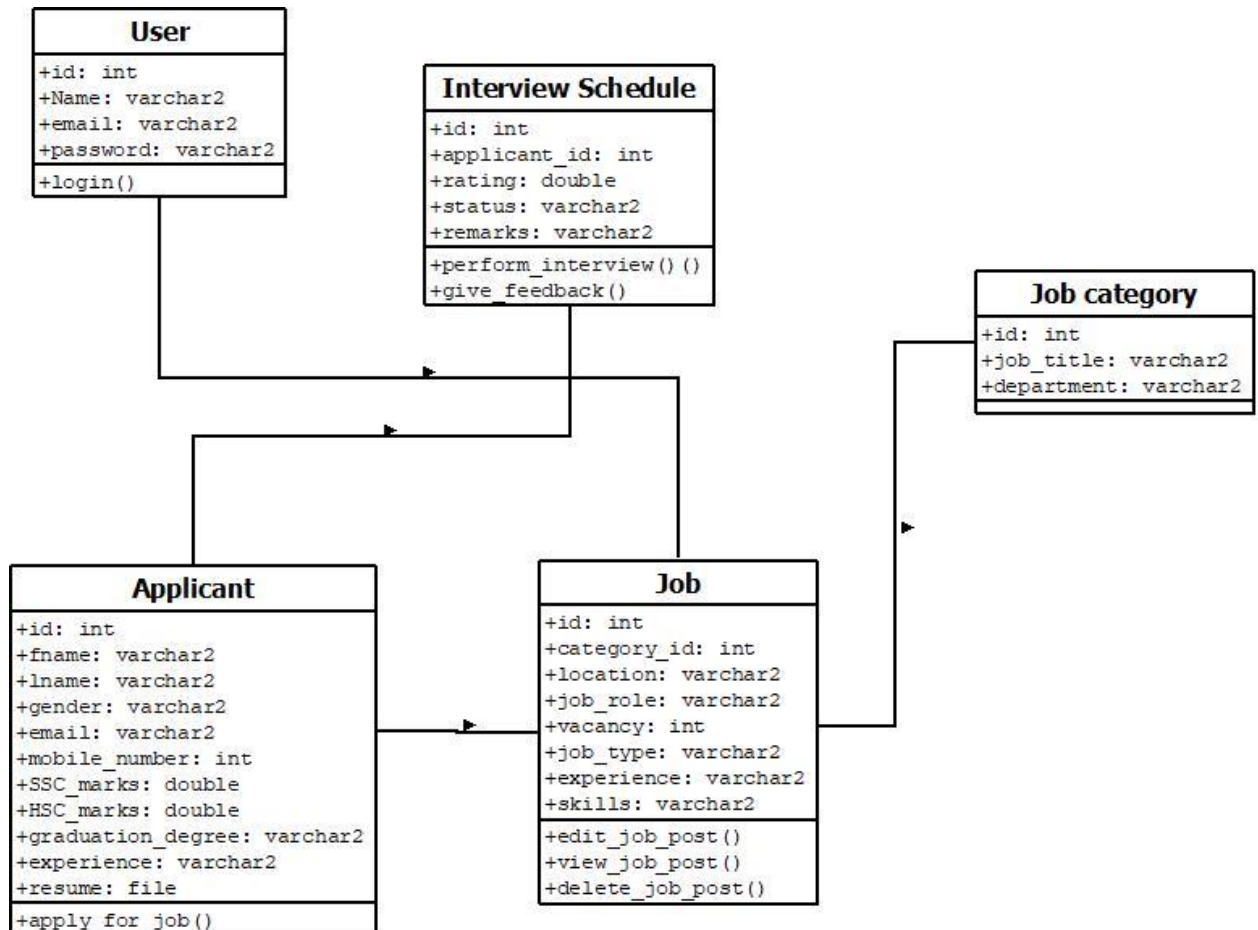
Field	Data type	Constraint
Id	Int	Primary key
Applicant_id	Int	Foreign key
Rating	Double	-
status	Varchar2	Not null
remarks	Varchar2	-

5. User

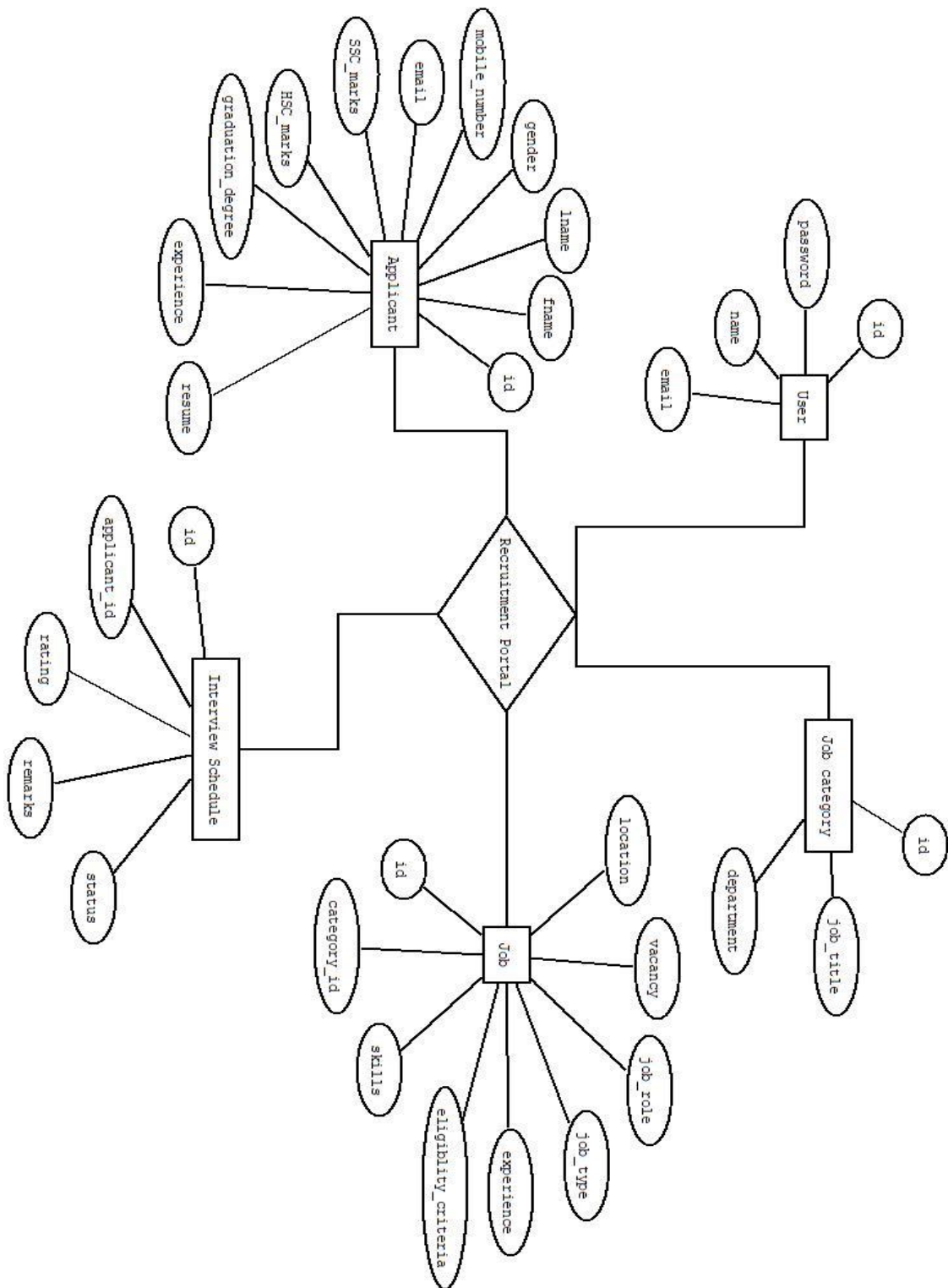
Field	Data type	Constraint
Id	Int	Primary key
Name	Varchar2	Not null
Email	Varchar2	Not null
Password	Varchar2	Not null

Diagrams

1. Class Diagram



2. ER Diagram



3. User Login Activity Diagram

