WEBSITE = MONSTER JOB

BUSSINESS RULES OF ERD

Job seeker

Job seeker can have only one account.

Job seeker can have only one resume.

Job seeker can apply for a single job on multiple locations.

Job seeker can apply for multiple jobs at one location.

Each job seeker has some skills.

Job seeker can search multiple jobs.

Job seeker can fill many forms/Application of many Jobs.

Job seeker can use Salary tool.

Employee

Employee can post many jobs.

Employee can post jobs of many companies.

Employee can search one or any no of resume.

Employee can search job seekers.

Employee can create personal folders.

Employee can create questionnaires

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Employee can have only one account

Employee can create usage report

Employee can search no. of candidates for a job.

Employee can post many job ads

Employee can post many job alerts

Job

One job can be posted by many employees.

More than one job of the same company can be posted.

Job must have location.

There are multiple jobs of different companies.

One job have many applications.

Each job has only one job description.

Multiple candidates can apply for a single job.

Job can be done by multiples employees.

Job has many criteria.

Job can have one or many skills.

Job can be of one or more industry.

Job posted can be of many types.

One job has many budge types.

One job can be of many categories.

Company

Company has several locations.

Company has multiple employers.

Company has only 1 ref code.

Company has multiple jobs.

Admin

Admin can view total jobs.

Admin can modify one or many jobs.

Admin can delete one or more jobs.

Admin can change one or job categories.
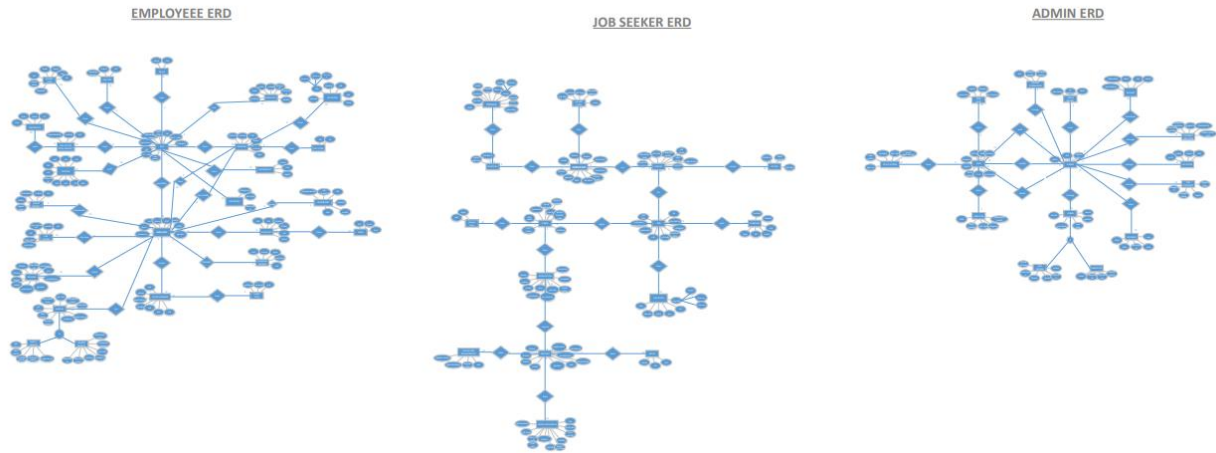
Admin can manager many user at the same time.

Admin can view login report.

Admin can download many resumes.

Admin can add more locations.

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ENTITY RELATIONSHIP DIAGRAM (ERD)

EMPLOYEEE ERD   JOB SEEKER ERD   ADMIN ERD

NORMALIZATION

Job seeker:

Entities and attributes with normalization

Login/signup:(Email,Password)

Search:(Job/keyword/company,location)

Choosecountry:(Countryname)

Resume:(Firstname,lastname,pronouns,emailaddress,phonenumber,homephone,cellphone,workphone,location,   Workexperience,   Education,   Workauthorization,

Selectstatus)

Location:(location,country,zipcode,city)

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Workexperience:(Workexperience,State/province,city,country,jobtitle,companyname,jobtype,startdate,enddate,description,achievement)

Education:(Education,Degreetype,degreename,country,schoolname,city,startdate,enddate,concentration,description)

Workauthorization:(Workauthorization ,Yes/no)

Status:(Selectstatus)

Job:(results, Filter, Search, Apply, Details)

Filter:(Filter,Jobtype,dateposted,distance)

Apply:(Apply ,Firstname,lastname,pronouns,email,country,phonenumber,location)

Location:(location,country,zipcode,city)

Details:(jobDetails)

Settings:(Alerts&preferences , Communication , Manageaccount, views)

Alerts&preferences:(Alerts&preferences Jobtitle,joblocation,targets,jobtype)

Communication:(Communication ,Emailcom.,smscom.,employeevisibilty)

Manageaccount:(Manageaccount ,Chnagepassword,apply,deleteaccount,jobs)

Salarytools:(Jobtitle,location,search,careeradvices Findsalary, Toppayingjob _Search , Salarynegotiation, Browsersalary, Toppayingjob)

Findsalary:(Findsalary Salary_ ,for_related_job,careeradvnce,boost)

Salarynegotiation:(Salarynegotiation ,Salaryraise,healthyjobs,paycut)

Browsersalary:(Browsersalary ,Byoccupation,bylocation)

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Toppayingjob:(Toppayingjob, Major/degree,location, Toppayingjob_search)

Toppayingjob_Search:(Toppayingjob_Search,Toppayingjob_search,Level,location,relateddegree)

Career advices:(Advices,resume,firstjob,interview,jobserachresource,bestoffers,resumehelp)

Resumehelp:(Vedios,Q/A,professional resume)

Resumewriting:(Resumehelp)

Resumepackage:(Resumehelp)

Browserjob:(Location,category,search)

Companyprofile:(Topcompanies,search)

Topcompanies:(explore)

Explore:(Overviews,location,photos&vdeios,jobs)

Help: (Home, Contactsupport, Helptopic)

Home:(Contact,FAQ)

Helptopic:(Articles)

Contactsupport:(Firstname,lastname,emailaddress,phone,location,category)

Location:(street,city,zipcode)

Information:(Name,jobtitle,city,resume,myprofile,resumehelp)

Myprofile:(Contact,location,documents,details,additionalinformation)

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<u>Employee:</u>

<u>Entities and attributes with normalization</u>

Jobposting:(jobtitle,ref.code,submit,Description,Matchingcriteria,Category,Ownerdetails,Applicationfilter<u>)</u>

Description:(<u>Description</u> ,summary,detaildescription)

Matchingcriteria:(<u>Matchingcriteria</u> ,keyskills,experiences,location)

Category<u>:(Category</u> ,role,industry,educationrequirment,nationality)

Ownerdetails:(<u>Ownerdetails</u> ,name,phone,emailaddress)

Applicationfilter:(<u>Applicationfilter</u> ,location,enablefilter,application)

optionalinfo.:(<u>optionalinfo.,</u>jobtype,salary,companyprofile)

resumesearch:(<u>resume,powersearch</u>)

powersearch:(keyword,<u>search,</u>totalexperince,industry,pref.location,nationality,category,role,companyrole,educatio,get<u>resume)</u>

personalsearch:(<u>choosefolder,create,manage,</u>save)

choosefolder:(<u>choosefolder,</u>existingfolder,newfolder)

create:(<u>create,</u>foldername)

manage:(<u>manage,</u>foldername,daterange,recentfolder)

Questionaries(<u>create,manage,submit</u>)

manage:(<u>manage,select,delete)</u>

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create:(create,description,questions,answers)

selfhelp:(contactus,FAQS)

Accountsettings:(manageprefer,modifyprofile,manageuser,changepassword)

Usagereports:(date,name,Accountsettings,jobposting)

Admin:

Entities and attributes with normalization

Loginreports:(login_id,username,password)

Changepassword(login_id,currentpass,newpass)

Setting(Category, Payment, Location)

Job_Category(Category,categoryno.,categoryname,region)

Email(emal_id,name,phone_no.,location)

Location(Location,street,city,zipcode)

Jobs(Job_id, mgr_id, sal_id,location)

Jobads(Job_id, date,title,category,emp_mail)

Jobalert(Job_id,user_id,category,type,startingdate,endingdate)

Application(app_no,emp_mail,detailname)

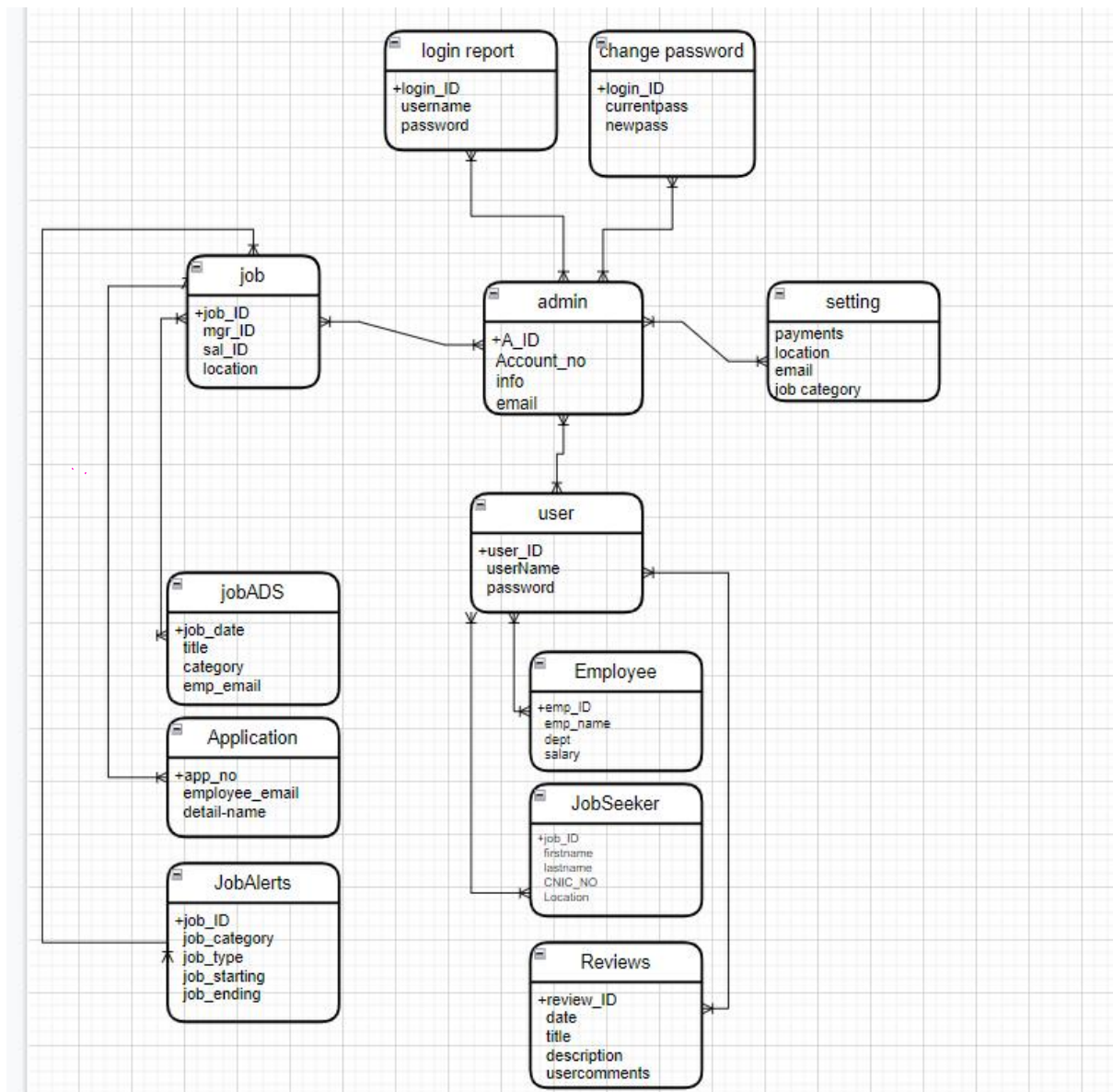User(Emp_id, Job_id, Reviews_id,user_id,username,password)

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Employer(Emp_id ,empname,dept,salary)

Jobseekers(Job_id ,CNIC_no,firstname,lastaname,phone,location)
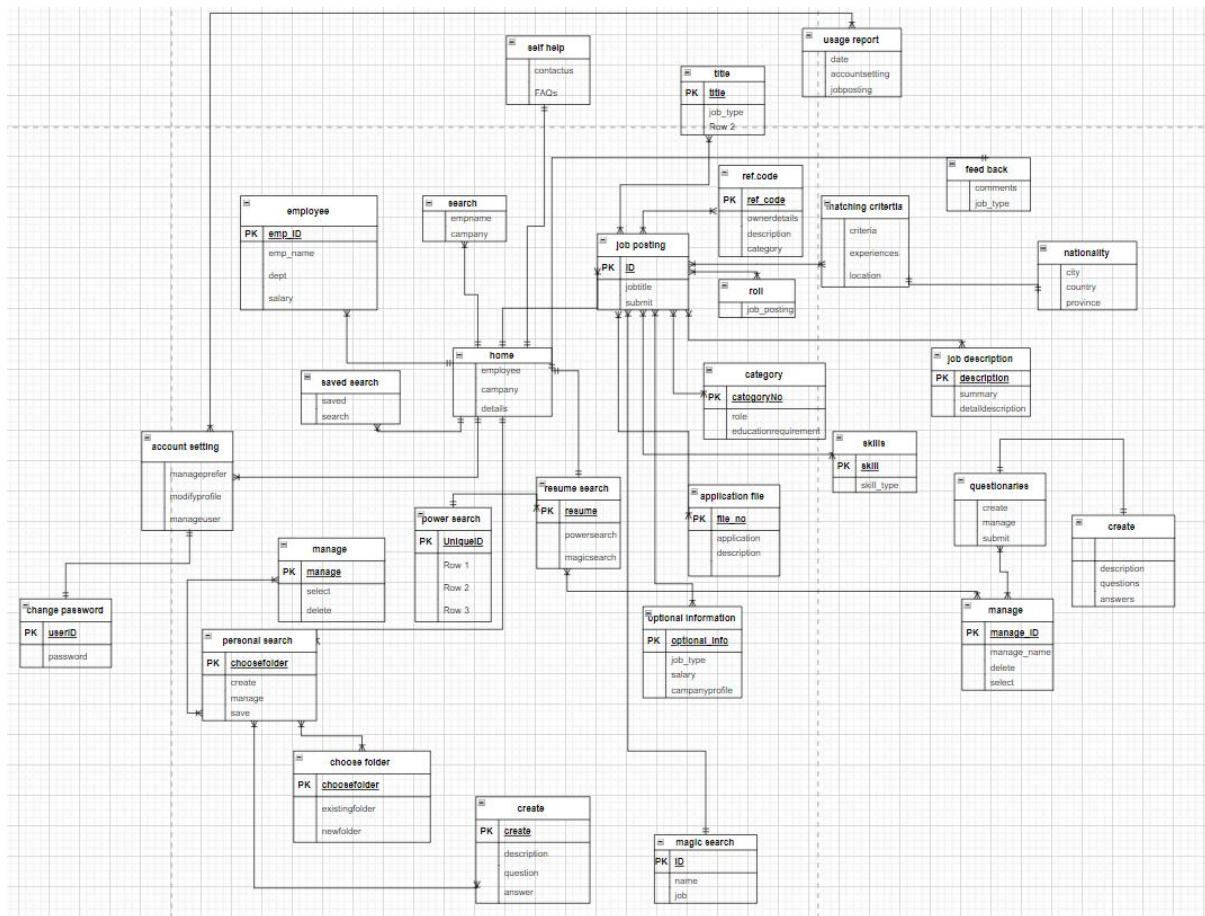
Reviews(Reviews_id,date,title,description,userscomments)

SCHEMA DIAGRAM

Admin:

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Employee:

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Job seeker: