

ASSIGNMENT 3: Identifying Tables & its Relationships

Users (Emailid, password, usertype)

Employer (companyid, companyname, emailid, mobile, city, industrytype, functionalarea, membershipplan, dateofsignup, dateofrenewal, renewalstatus)

Job_Posted (Jobpostid, companyid, jobpostdate, validity date, joblocation, skillsets, yrsofexp, qualifyingtestscore, jobpostedstatus)

Jobseeker_Personal (firstname, lastname, dateofbirth, emailid, mobile, city, state, country, passportno)

Jobseeker_Resume (jobseekerid, emailid, ug_qualification, pg_qualification, keyskills1, keyskills2, additionalskills, yrsofexp, curremployer, designation, curr_CTC, exp_CTC)

Job_Applied (applicationid, jobseekerid, jobpostid, applicationdate, jobtestvaliditydate, Attempt, jobteststatus, jobtestscore, jobtestresult)

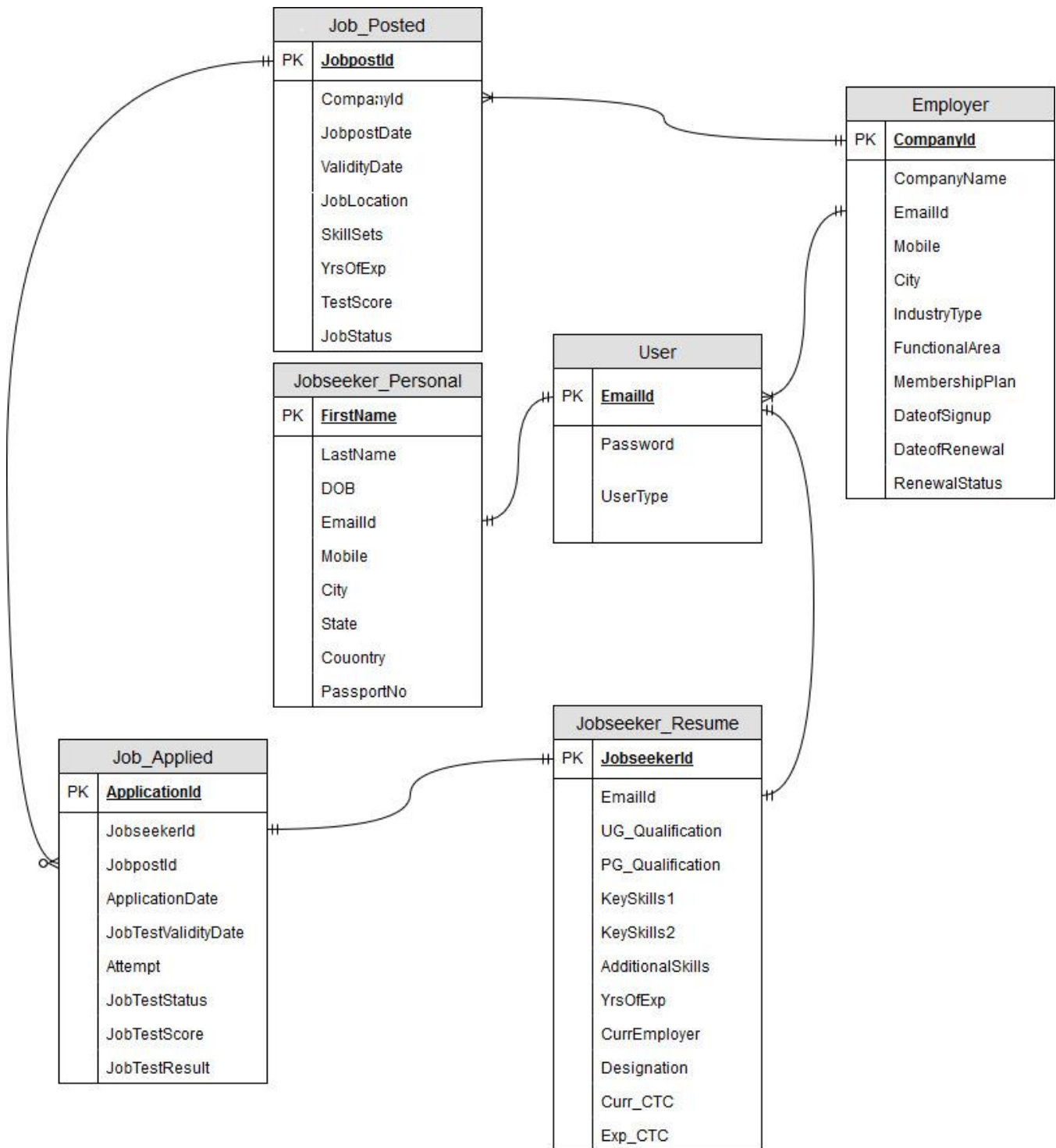
SOLUTION:

1) Number of Tables required based on analysis of data items required

6 tables as follows:

- 1. USERS**
- 2. EMPLOYER**
- 3. JOBS_POSTED**
- 4. JOBSEEKER_PERSONAL**
- 5. JOBSEEKER_RESUME**
- 6. JOBS_APPLIED**

2) Relationship between tables based on the key column.



3) Identify the Candidate keys, Primary keys and Foreign Keys

1. USERS

Primary Key – EmailId

2. EMPLOYER

Primary Key – CompanyId

Foreign Key – EmailId references EmailId from USERS

3. JOBS_POSTED

Primary Key – JobpostId

Foreign Key – CompanyId references CompanyId from EMPLOYER

4. JOBSEEKER_PERSONAL

Foreign Key – EmailId references EmailId from USERS

5. JOBSEEKER_RESUME

Primary Key – JobseekerId

Foreign Key – EmailId references EmailId from USERS

6. JOBS_APPLIED

Primary Key – ApplicationId

Foreign Key 1 – JobseekerId references JobseekerId from
JOBSEEKER_RESUME

Foreign Key 2 – JobpostId references JobpostId from JOBS_POSTED