

8/11/2020

CAMPUS RECRUITMENT SYSTEM

DOMAIN MODEL

ITERATION 2.0

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IDENTIFIED CLASSES :

Campus	admin	employer	company	student
Job	feedback	issue	notice	profile
Test	placement	interview	verify	result
Resume	upload	shortlist	person	recruitment system

REFINED CLASSES :

GOOD CLASSES

admin	company	student
Job	profile	result
Test	placement	interview
person	recruitment system	

ATTRIBUTES (excluded)

verify	notice	Resume	upload	shortlist
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ROLES (excluded)

employer

IRRELEVANT (excluded)

Campus	feedback	issue
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DATA DICTIONARY :

ADMIN : Manages overall proceedings of the placement system and verifies the data uploaded by the students and the company for further processing.

COMPANY : Manages hiring procedure of the students through the recruitment software.

STUDENT : Can create a profile and apply for the job which matches his profession. The student must attend the aptitude test conducted by the company and must clear the test to attend the interview held by the employer in the particular company.

JOB : Paid position in the company for the candidates who are selected through the series of tests and interview.

PROFILE : A student maintains a profile which includes his qualification , field of interest , work experience etc. students can upload their resume in their profile which can be further verified by the admins.

RESULT : Results are published by the Admins which includes the details of the students who cleared the test round and are selected through the interview process.

PLACEMENT : Maintains all the operations of the placement. Company conducts test and the interview process is held for the student selection .

TEST : Tests are conducted by individual company based the job they offer, it has attributes like grade scored by the student and a final report to indicate the student's performance.

INTERVIEW : A part of the final placement process, which checks performance .

PERSON : Has common Attributes , it is the base class for student , admin and company.

RECRUITMENT SYSTEM : Checks for verification of the persons and maintains placement.

ATTRIBUTES :

ADMIN	<ul style="list-style-type: none">• Verify student detail• Notification• Shortlist• Post report• Manage company
COMPANY	<ul style="list-style-type: none">• Package• Post job• Update details• Create report
STUDENT	<ul style="list-style-type: none">• View noticed• Department• Resume• Gender• Qualification• Check status• Attend placement
JOB	<ul style="list-style-type: none">• Job type• Job name• Vacancies• Description
PROFILE	<ul style="list-style-type: none">• Update• Edit• Delete• Create
RESULT	<ul style="list-style-type: none">• Selected candidates• Approve recruitment• Reject recruitment
TEST	<ul style="list-style-type: none">• Grade• Results
PLACEMENT	<ul style="list-style-type: none">• Test code• Placement ID• Placement students id
INTERVIEW	<ul style="list-style-type: none">• Check performance
PERSON	<ul style="list-style-type: none">• Name• User ID• Email• Password
RECRUITMENT SYSTEM	<ul style="list-style-type: none">• Check (user id ,password)• Recruitment code

ASSOCIATION and MULTIPLICITY :

ASSOCIATION : Company *hires* students (1..*).

JUSTIFICATION : Each company which uses this RECRUITMENT SYSTEM SOFTWARE can hire one or more students.

ASSOCIATION : Students *register* Jobs (1, 1..*).

JUSTIFICATION: Each and every student can register for one or many jobs which are posted by the company.

ASSOCIATION : A company *offers* Job (1,1..*).

JUSTIFICATION : A company can offer as many as job roles to the students to register.

ASSOCIATION : Student *has* a Profile (1,0..1).

JUSTIFICATION : Each student can have only one profile . a new user has no profile , so they have to create a profile to continue the process

ASSOCIATION : Admin *verify* Profile (1,1..*).

JUSTIFICATION : Each and every admin present can verify any number of profiles which are created by the students.

ASSOCIATION : Company *checks* Profile (1,1..*).

JUSTIFICATION : All companies can reach any number of profiles which are verified by the admins after the creation.

ASSOCIATION : Recruitment system *checks* Person.

JUSTIFICATION : The RECRUITMENT SYSTEM checks the Person's user Id and password in order to login to their respective accounts to continue the process through the software.

ASSOCIATION : Recruitment system *maintains* Placements.

JUSTIFICATION: RECRUITMENT SYSTEM will maintain all the information and data and runs the placement process.

ASSOCIATION : Admin *manages* Placements (1..*,1..*).

JUSTIFICATION : Admins can also manage the placement process and maintain records about the placements.

ASSOCIATION: Admin *publishes* Results (1..,1..*).

JUSTIFICATION: After the placement process gets over , Admins can publish the results which contains the list of student's details who are selected for the job.

ASSOCIATION: Students *attend* Placements (1,1..*).

JUSTIFICATION: Each Student can attend the placement process which they have registered for and continue the procedures.

ASSOCIATION: Company *conducts* Placements (1,1..*)..

JUSTIFICATION :Companies can conduct one or more placement process through the RECRUITMENT SYSTEM depending on the vacancies in job roles.

ASSOCIATION : Job *requires* profile

JUSTIFICATION : A student or a company has to access their profile first , to use the Job class.

ASSOCIATION : Test *is a part of* placement.

JUSTIFICATION : The first step in the placement process is to take up a test.

ASSOCIATION : Interview *is a part of* placement.

JUSTIFICATION : The final step in the placement process is to attend the interview .

DOMAIN MODEL :

