OBJECT - ORIENTED ANALYSIS AND DESIGN

CS-6110

USE CASE MODELLING

ITERNATION 2.0

TOPIC : CAMPUS RECRUITMENT SYSTEM

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1. USE CASE MODELLING

ACTORS :

ACTOR	DESCRIPTION
STUDENT (primary actors)	A student can register himself. After registration, he will be directed to his homepage. Here he can update his profile, see notices and see the examination details and all.
ADMIN (secondary actors)	The secondary actor who maintains the students and employer details and acts as the intermediate between student and the company
EMPLOYER (secondary actors)	A company can register itself, conduct online examinations, approve or disapprove candidates attending examinations and provide results about the selected candidates.

IDENTIFIED USE CASES:

PERFORM LOG IN : The system needs the actors to log in first, to use the system.

GET HELP : This is used as an extension to the perform login use case.

EDIT PROFILE: The students can upload their details which are required by the companies like AREA OF EXPERTISE , RESUME , CPGA etc which can be viewed by the companies to send notices. A student can edit his profile at any point of time to remove faulty information or change in his data uploaded.

CHECK NOTICE: The primary actors are able to check the notices which are sent by the companies that match their profile for the job.

REGISTER JOB: A student , after receiving the notice from the company can register for the vacancy position and can follow the set of instructions given by the employer.

UPDATE : If any faulty information is recorded, the student can edit/update his information in the system.

VIEW INFORMATION: The secondary actors (ADMIN , EMPLOYER) can view the details mentioned by the students in their profile.

SHORTLIST CANDIDATES: The Admin can shortlist profiles which are submitted by the students by removing profiles which don't meet the requirements of the respective employer.

TEST: A series of tests which are conducted by the company through the software within a limited timeframe and the validation is done automatically.

PUBLISH RESULTS: After the validation of the results , the students are shortlisted according to the pre conditions mentioned by the company. These shortlisted students can attend the interviews and follow the instructions from the company further.

MANAGE PLACEMENT : The Admin manages the overall placement process, anything that doesn't pertain to the rules is seen through.

INTERVIEW : The employer conducts an interview with the students who have cleared the aptitude test.

MANAGE STUDENTS : Admin can verify the students profile and notify if there is any faulty information and request them to update their profile to continue the place process.

MANAGE COMPANY : Admin can verify the company profile and notify if there is any faulty information and request the company to update the profile for further process.

VIEW JOB STATUS : The verified students can receive information about the process in applying for the job which are updated by the company and can receive notices about placement process.

POST JOB : The company can post the details , job vacancies and can recruit students.

CHECK NOTICE : The student can check for any notices about job vacancies and information related to the recruitment process.

PERFORM LOGOUT : Actors can log out of the system once they have performed required actions.

FULLY DRESSED USE CASES (for important ones):

1) USE CASE NAME : CREATE PROFILE

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : the student must have logged in to their respective registered account

STAKEHOLDERS & INTEREST :

STUDENT - Upload his resume , personal information and select his field of interest.

ADMIN **-** Can check the profile and send notice if he find any faulty information

EMPLOYER : After verified by admin , employer can send notice if the area of interest of student and employee requirement are matched

MAIN SUCCESS SCENARIO :

Student can log in to their registered accounts

- Student logs in to his profile
- Enters the required details
- Uploads resume through the software
- Edit faulty information which are notified by the admin during verification

EXTENSION (Failure case):

If login fails, the student can't create a profile, so the student must retry.

2) **USE CASE NAME : CHECK NOTICE**

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : Logged in to the registered account

STAKEHOLDERS & INTEREST :

STUDENT - Can check any notice regarding job offers , faulty information found by admins so that he has to update his profile or apply for a job, etc

ADMIN - Can send information regarding job vacancy , faulty info found in profile of students , jobs matching his profile , etc

MAIN SUCCESS SCENARIO :

- Student logs in
- After getting verified by admin students can receive notice
- View job offers , test dates , information interview sent by the companies

3) **USE CASE NAME : REGISTER JOB**

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : Matches his area of interest and should be a verified profile .

STAKEHOLDERS & INTEREST :

STUDENT - Register for a job offered by the company which matches his profile

EMPLOYER - Wants to hire employee for his company

MAIN SUCCESS SCENARIO :

- Student logs in to his verified profile
- Views jobs offered

- Gets notification for the job which matched his profile
- Registers for the vacant place offered by the company

EXTENSION :

- Can't register for a job if his profile does not meet requirements of the company.

4)USE CASE NAME : UPDATE

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

SECONDARY ACTORS: Employer, Admin.

LEVEL : User goal.

PRECONDITION : Notice sent from ADMIN regarding any faulty information

STAKEHOLDERS & INTEREST :

STUDENT - Can update his current information if there is any faulty information found.

MAIN SUCCESS SCENARIO :

 The student has updated his profile with right information in his profile after being notified by the admin.

EXTENSION :

 Check for mistakes and retry again

5)USE CASE NAME : VIEW INFORMATION

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

SECONDARY ACTORS: Employer, Admin.

LEVEL : User goal

PRECONDITION : Registered account of the student

STAKEHOLDERS & INTEREST :

ADMIN - To verify the final registered accounts and shortlist them according to the requirements of the job.

EMPLOYER : To find the area of expertise of students and to view their resume uploaded through the software system.

STUDENT : To view their finalized profiles.

MAIN SUCCESS SCENARIO :

- Able to view their finalized profile.
- The Admin can shortlist students based on viewing their profiles .
- The employer can view the profile of the students who are interested in the job and can access their resume.

6) USE CASE NAME : SHORTLIST CANDIDATES.

SCOPE : Campus recruitment system

ACTORS : Student,Admin

LEVEL : User goal

PRECONDITION : The student's account who has applied for the job must have been verified .

STAKEHOLDERS & INTEREST :

STUDENT - Can know if they are shortlisted or not.

ADMIN - Shortlists the students profile according to the requirements of the employer.

MAIN SUCCESS SCENARIO :

Shortlisted students can continue with the aptitude test.

EXTENSION : In case the profile is not shortlisted , the students placement procedure stops and the student must wait for another job vacancy notice.

7)USE CASE NAME : TEST

SCOPE : Campus recruitment system.

PRIMARY ACTORS : Student

SECONDARY ACTOR : Employer .

LEVEL : User goal.

PRECONDITION : The student must have been shortlisted by the admin.

STAKEHOLDERS & INTEREST :

STUDENT - Attend the entrance test to continue the placement process.

EMPLOYER - Conduct the aptitude test to filter out the students according to their performance

MAIN SUCCESS SCENARIO :

- If clears the test , can continue in the placement process

EXTENSION (failure case): Incase the performance is not satisfied, his placement procedure stops and the student must wait for another job vacancy notice.

8)USE CASE NAME : PUBLISH RESULTS

SCOPE : Campus recruitment system

ACTORS : Admin , Employer

LEVEL : User goal

PRECONDITION : The student must have cleared the aptitude test conducted by the employer

STAKEHOLDERS & INTEREST :

EMPLOYER - A list of shortlisted students is created by the employer based on the student's performance in the test.

MAIN SUCCESS SCENARIO :

- The shortlisted student list is sent to the admin
- The admin can manage the further placement process.

9) USE CASE NAME : MANAGE PLACEMENT

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : Students must have passed the aptitude test conducted by the employer.

STAKEHOLDERS & INTEREST :

ADMIN - Admin can notify the selected students who have cleared the test for the interview process.

MAIN SUCCESS SCENARIO :

The students selected for the interview process can be known.

EXTENSION :

If the student is not available for the interview process, his job opportunity

Is cancelled.

10) USE CASE NAME : INTERVIEW

SCOPE : Campus recruitment system

ACTORS : Student, Employer.

LEVEL : User goal

PRECONDITION : The student must have been cleared the test and must be available for the interview.

STAKEHOLDERS & INTEREST :

STUDENT - Interact with the interviewer and HRs of the placed company

EMPLOYER - One to one interaction with the selected students to know additional information about them and select accordingly.

MAIN SUCCESS SCENARIO :

- Final selected students list will be sent to the admin .
- The final selected students list can be published.

11) USE CASE NAME : Manage student

SCOPE : Campus recruitment system

ACTORS : Admin

LEVEL : User goal

PRECONDITION : The students profile must have been registered

STAKEHOLDERS & INTEREST :

STUDENT - To get the profile verified by the admin.

ADMIN - Admin checks for any faulty information and manages the profiles by removing them .

MAIN SUCCESS SCENARIO :

- The profile verified can only be used to access all the features that the system offers.

EXTENSION :

- If the profile is not verified by the admin , it has to be updated again

12) USE CASE NAME : Manage company

SCOPE : Campus recruitment system

ACTORS : Admin

LEVEL : User goal

PRECONDITION : The company profile must have been registered.

STAKEHOLDERS & INTEREST :

ADMIN **-** Admin checks for any faulty information and manages the profiles by removing them .

EMPLOYER - To get his account verified by the admin

MAIN SUCCESS SCENARIO :

- The profile verified can only be used to access all the features that the system offers

EXTENSION :

- If the profile is not verified by the admin , it has to be updated again

13) **USE CASE NAME : Check notice**

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : Must have a registered account.

STAKEHOLDERS & INTEREST :

STUDENT - The student can check for any notices about job vacancies and information related to the recruitment process.

MAIN SUCCESS SCENARIO :

- The students get notified and can act accordingly.

14) **USE CASE NAME : View Job Status**

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : The student must have applied for the job .

STAKEHOLDERS & INTEREST

STUDENT - The student can know how far they reached in the placement process.

MAIN SUCCESS SCENARIO :

- The student can receive information about the process in applying for the job and being called for the placement process.

15) **USE CASE NAME : Post job**

SCOPE : Campus recruitment system

PRIMARY ACTORS : Student

LEVEL : User goal

PRECONDITION : The company must have registered and verified by the admin.

STAKEHOLDERS & INTEREST

STUDENT - The student can know about the job vacancies and apply.

EMPLOYER - The company can post the details and job vacancies and can recruit students.

MAIN SUCCESS SCENARIO :

- The job posted can be notified to the students.

USE CASE DIAGRAM :