

1 As an unregistered user I should be able to:

- a) Show a list of registered Employers ordered alphabetically. The list should be of accepted employers profiles only.

Signature:

Name: ShowEmployers

Input: Nothing

Output: Table

- b) Show all the information about visible jobs on the system.

Signature:

Name: ShowJobs

Input: Nothing

Output: Table

- c) Search for any job by its required semesters OR allowed faculties. If the job is null, all jobs should be shown. Note that the unregistered users can only search for visible jobs.

Signature:

Name: JobsSearch

Input: @semester int, @allowed_faculty varchar(20)

Output: Table

- d) Register to the website with a unique email, along with the needed information. Choose which type of user you will be using @usertype (Student, Employer, Admin, Career office coordinator, or Faculty representative)

Signature:

Name: UserRegister

Input: @usertype varchar(20), @email varchar(50), @first_name varchar(20), @middle_name varchar(20), @last_name varchar(20), @birth_date datetime, @GIU_id int, @semester int, @faculty varchar(20), @major varchar(20), @gpa decimal(4,2), @adress varchar(10), @company_name varchar(20), @company_phone varchar(20), @fax varchar(50), @company_website varchar(50) @type_of_business varchar(30), @establishment_year datetime, @origin_country varchar(20), @industry varchar(20), @n_current_employees int, @products_services varchar(30)

Output: user_id int, password varchar(8)

2 As any registered User I should be able to:

- a) Login using my email and password. In case the user is not registered the @user_id value will be (-1).

Signature:

Name: UserLogin

Input: @email varchar(50), @password varchar(20)

Output: @success bit , @user_id int

- b) View all the details of my profile.

Signature:

Name: ViewProfile

Input: @user_id int

Output: table

- c) Delete my profile from the system.

Signature:

Name: DeleteProfile

Input: @user_id int

Output: Nothing

3 As a registered admin I should be able to:

- a) List all employers in the system.

Signature:

Name: AdminViewEmps

Input: Nothing

Output: table

- b) Review the profile of an employer and update its status, you should state the reason in case this profile is rejected. The profile status type is boolean. It is 1 if accepted, 0 if rejected.

Signature:

Name: AdminReviewEmp

Input: @admin_id int, @emp_id int, @profile_status bit, @reason varchar(100)

Output: Nothing

- c) List all jobs in the system.

Signature:

Name: AdminViewJobs

Input: Nothing

Output: Table

- d) List the faculty representative of each faculty.

Signature:

Name: AdminViewFRs

Input: Nothing

Output: Table

- e) Add a faculty representative to an industrial internship. Note that the representative should be from the same faculty as the one mentioned in the industrial internship post.

Signature:

Name: AddFacultyRepToII

Input: @job_id int, @admin_id int, @facultyRep_id int

Output: Nothing

- f) Review a job offer before its shown on the system to all students and employers. The admin updates the visibility of a job to 1 when accepted, 0 otherwise. Except for industrial internships, the admin will need to further check it with its faculty representative. If the FR accepts it, it will be visible to other users. If not, you should mention it in the @reason.

Signature:

Name: AdminReviewJob

Input: @admin_id int, @job_id int, @visibility bit, @reason varchar(100)

Output: Nothing

4 As a registered employer I am able to :

- a) Edit any of my personal information.

Signature:

Name: EmpEditProfile

Input: @id int, @password varchar(8), @adress varchar(10), @company_name varchar(20), @company_phone varchar(20), @fax varchar(50), @company_website varchar(50) @type_of_business varchar(30), @establishment_year datetime, @origin_country varchar(20), @industry varchar(20), @n_current_employees int, @products_services varchar(30)

Output: Nothing

- b) Add a contact person from the company.

Signature:

Name: AddContact

Input: @emp_id int, @name varchar(20), @job_title varchar(30), @email varchar(50), @mobile_number varchar(20), @fax varchar(50)

Output: Nothing

- c) Add the details of my company's HR director.

Signature:

Name: AddHR

Input: @emp_id int, @name varchar(20), @email varchar(50)

Output: Nothing

- d) View my profile status to check whether my profile is accepted or not.

Signature:

Name: ViewProfileStatus

Input: @emp_id int

Output: @status bit OUTPUT, @reason varchar(100) OUTPUT

- e) Post a new job, ONLY IF my profile is accepted. Check the project description 'Job section' to find the different job types.

Signature:*Name:* PostJob*Input:* @emp_id int, @title varchar(30), @description varchar(50), @department varchar(20), @start_date datetime, @end_date datetime, @application_deadline datetime, @n_available_internships int, @salary_range varchar(20), @qualifications varchar(100), @location varchar(20), @application_link varchar(50), @application_email varchar(50), @job_type varchar(30), @workdays int*Output:* @job_id int

- f) Add the allowed faculties for a job offer.

Signature:*Name:* AddFaculty*Input:* @job_id int, @allowed_faculty varchar(20)*Output:* Nothing

- g) Add the required semesters for a job offer.

Signature:*Name:* AddSemester*Input:* @job_id int, @semester int*Output:* Nothing

- h) View all my posted jobs offers, the jobs that are about to start should be viewed first.

Signature:*Name:* EmpViewJobs*Input:* @emp_id int*Output:* table

- i) View the details of the students who applied for a certain job offer.

Signature:*Name:* EmpViewApplicants*Input:* @emp_id int, @job_id int*Output:* table

- j) Update the application status of an applicant applying to one of your posted jobs. However, in case the job is an industrial internship the status cannot be changed before checking if the student/applicant is eligible for applying to such a job or not. If the student is not eligible then the application status will be 'rejected'.

Signature:*Name:* EmpUpdateApplicant*Input:* @student_id int, @job_id int, @application_status varchar(20)*Output:* Nothing

5 As a registered faculty representative I should be able to:

- a) Check if a posted industrial internship is relevant to my faculty or not. If its relevant then the returned status is 1, otherwise 0.

Signature:*Name:* courseInformation*Input:* @facRep_id int, @job_id int, @ii_status bit*Output:* @ii_status bit OUTPUT

6 As a registered student I should be able to:

- a) Edit my profile (change any of my personal information).

Signature:

Name: StudentEditProfile

Input: @sid int, @email varchar(50), @first_name varchar(20), @middle_name varchar(20), @last_name varchar(20), @birth_date datetime, @GIU_id int, @semester int, @faculty varchar(20), @major varchar(20), @gpa decimal(4,2), @adress varchar(10)

Output: Nothing

- b) Add my phone number(s).

Signature:

Name: AddMobile

Input: @sid int, @mobileNumber varchar(20)

Output: Nothing

- c) Create my CV using the CV builder tool. The tool will retrieve some information that was already provided by the student during registration step as mentioned in the project description. The final CV should be shown upon completion.

Signature:

Name: CreateCV

Input: @s_id int, @personal_mail varchar(50), @education varchar(100), @extracurricular_activities varchar(300), @linkedIn_link varchar(30), @github_link varchar(30), @skills varchar(300), @achievements varchar(300)

Output: table

- d) Apply for a job. Once the student applies, his/her application status is set to the DEFAULT value 'Pending' till it gets updated by the employer.

Signature:

Name: ApplyForJob

Input: @sid int, @job_id int

Output: Nothing

- e) View my application status.

Signature:

Name: ViewMyStatus

Input: @sid int, @job_id int

Output: @application_status varchar(20)

- f) I can add my progress reports to get evaluated.

Signature:

Name: AddProgressReport

Input: @sid int, @date datetime, @description varchar (100)

Output: Nothing

- g) View the total number of reports I submitted along with the detailed information of each report. If the report wasn't evaluated yet then the numeric state will be -1 and the evaluation state will be 'not evaluated yet'.

Signature:

Name: ViewMyReports

Input: @sid int

Output: @nOfReports int, @date datetime, @decription varchar(100), @numeric_state int, @evaluation varchar(100)

7 As a registered career office coordinator I should be able to:

- a) List the academic advisors of each faculty.

Signature:

Name: ViewAdvisors

Input: Nothing

Output: Table

- b) View all the students who applied for an industrial internship.

Signature:

Name: CocViewStudents

Input: @ii_id int

Output: table

- c) Determine if a student is eligible for applying to an industrial internship or not and update it on the system.

Signature:

Name: CocUpdateEligibility

Input: @coc_id int, @s_id int, @ii_id int, @eligibility bit

Output: Nothing

- d) Assign an academic advisor to an industrial internship, if and only if the internship is accepted by its faculty representative.

Signature:

Name: AAToII

Input: @aa_id int, @ii_id int

Output: Nothing

8 As a registered academic advisor I should be able to:

- a) Evaluate a student's progress report, and give the evaluation numeric state a value from 0 to 5.

Signature:

Name: EvalProgressReport

Input: @sid int, @date datetime, @numeric_state int, evaluation varchar(100)

Output: Nothing

- b) View all my student's progress reports where the recently added reports are shown first.

Signature:

Name: ViewProgressReports

Input: @advisor_id int

Output: table