

## 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