Apply:

Inserts an application into a database for a student

Dependencies: Trigger to prevent inserts if the student doesn’t match the requiremtnes

Parameters:

SID: ID (INT) of student applying

JOB: ID (INT) of job being applied to

setAllStuendtsToZero:

Set’s application status to reject for all applications to a specific job that haven’t been set to accepted

Dependencies:

Parameters:

JOBID: (INT) The ID of the job for which the applicants will be rejected

rejectOneStudent:

Sets a single application status to rejected based on the student and job

Dependencies:

Parameters:

JOBID INT: ID of job the student has applied to

STUDENT INT: the ID of the student being rejected

acceptStudent

Sets application status to accepted for one student for one job

Dependencies:

Parameters:

STUDENT INT: ID of student being accepted

JOB INT: ID of the job student is accepted for

getJobListings:

returns all open job listings

Dependencies:

Parameters:

getApplicants:

returns all applicants to a specific job

Dependencies:

Parameters:

JOBTITLE VARCHAR: name of job being searched for

getjobsbyclass:

returns all available jobs associated with a specific class

Dependencies:

Parameters:

CLASSTITLE VARCHAR: name of class being searched for

getRequirementsForJob:

returns a list of all classes and grade in class required to apply for job

Dependencies

Parameters:

JOBTITLE VARCHAR: name of job being searched

getRequirementsNotMet:

returns a list of classes and grade required in class not met to apply for a job posting

Dependencies: Trigger to prevent inserts if the student doesn’t match the requiremtnes

Parameters:

JOBID INT: the ID of the job being searched

STUDENTID INT: the ID of the student being searched

Apply:

Inserts an application into a database for a student

Dependencies: Trigger to prevent inserts if the student doesn’t match the requiremtnes

Parameters:

SID INT: ID of student applying

JOB INT: ID of job being applied to

filterJobRequirements:

returns classes and grade in classes needed to apply to a job

Dependencies:

Parameters:

JOBID INT: ID of the job being applied for

filterJob

returns jobtitle and positions available for a given class

Dependencies:

Parameters:

CLASSID INT: ID of class being searched

filterAppliationsbyJob

returns all students who have applied to a job

Dependencies

Parameters:

JOBID: (INT) ID of job being searched

filterApplicationsbyClass

returns all applications associated with a class

Dependencies:

Parameters:

CLASSID (INT): ID of class being searched

filterApplicantsByJob:

returns student first and last name along with grade received in class

Dependencies

Parameters:

JOBID: (int) ID of job being searched

studentAdd

Inserts a new student into the database

Dependencies:

Parameters:

SID (INT): ID of student being added

FIRSTN (VARCHA): FIRST NAME OF STUDENT

LASN (VARCHAR): LAST NAME OF STUDENT

YEARGRAD (INT): EXPECTED GRADUATION DAT

EMAIL (VARCHAR): EMAIL ADDRESS OF STUDENTS

PHONE (VARCHAR): PHONE NUMBER OF STUDENT

GTACERTLOC (VARCHAR): WHERE THE STUDENT RECEIVED THEIR GTA CERT

GTATERM DATE: DATE THE STUDENT RECEIVED THEIR GTA CERT

GPA (FLOAT): CUMULATIVE GPA

HOURSCOMPLETED (INT): NUMBER OF HOURS TAKEN AT UMKC

SEMESTERSCOMPLETED (INT): NUMBER OF SEMESTERS COMPLETED AT UMKC

CURRENTMAJOR (VARCHAR): CURRENT MAJOR

UNDERGRADDEGREETYPE (VARCHAR): WHAT STUDENT’S UNDERGRAD DEGREE TYPE

jobAdd:

adds a new job

Dependencies: Class must exist before job

Parameters:

CLASSID (INT): ID OF CLASS JOB IS FOR

JOBID (INT): ID OF JOB BEING ADDED

JOBTITLE (VARCHAR): TITLE OF JOB

JOBSTATUS (INT): NUMBER OF POSITIONS AVAILABLE

JOBDESCRIPTION (VARCHAR): DESCRIPTION OF JOB

classesAdd

add a class

Dependencies:

Parameters:

CLASSID INT: OF CLASS

DEPARTMENT (VARCHAR 1): C FOR COMPUTER SCIENCE

CLASSDESCRIPTION (VARCHAR): DESCRIPTION OF CLASS

CLASSNAME (VARCHAR): NAME OF CLASS

jobrequirementsAdd

adds a class required for a job applicant

Dependencies: Class must have already been added

Parameters:

JOBID: ID OF JOB

CLASSID: ID OF REQUIRED CLASS

GRAD: MINIMUM GRADE REQUIRED IN CLASS

filterApplicants

filters applicants to a job by gpa, , grade level, and orders by either gpa, semesters taken, or if the applicant took the class associated with the job

returns the first name, last name, gpa, semesters complete, grade level, and if the student took the class associated with the job

Dependencies:

Parameters:

JOBID INT: THE ID OF THE JOB BEING SEARCHED

GPA FLOAT: THE MINIMUM GPA BEING FILTERED FOR

GRADE\_LEVEL VARCHAR: IF THE STUDENT IS AN U UNDERGRAD OR G GRADUATE OR P PHD

ORDER\_SEMESTERS BIT: 1 IF ORDERING BY NUMBER OF SEMESTERS TAKEN

ORDER\_GPA BIT: 1 IF ORDERING BY GPA

ORDER\_TOOK\_CLASS BIT: 1 IF ORDERING BY IF THE STUDENT TOOK THE CLASS ASSOCIATED WITH THE JOB

classestakenAdd

adds a class to class list taken by one student

Dependencies: student must exist, class must exist

Parameters:

SID INT: STUDENT ID

CLASSID INT: CLASS ID

GRADE FLOAT: GRADE RECEIVED

ATUMKC BIT: 1 IF THE CLASS WAS TAKEN AT UMKC

LOCATIONTAKEN VARCHAR: WHERE THE CLASS WAS TAKEN

TERM DATE: WHEN THE CLASS WAS TAKEN