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