

Databases I, Winter 2021-2022

“GIU Job Portal” Relational Schema

- User (ID, email, username, password)
- Student (ID, GIU_ID, first_name, middle_name, last_name, birth_date, age, semester, -----
faculty, major, GPA, address, CV, coverletter)

Where Student.age = current_date – birth_date
Student.ID references User

- Student_phoneNumber (ID, number) -----
Student_phoneNumber.ID references Student
- Employer (ID, company_name, address, phone_number, fax, website, -----
type_of_business, establishment_year, country_of_origin, industry,
number_of_current_employees, products_or_services)

Employer.ID references User

- Contact_person (employer_ID, name, job_title, email, mobile_number, fax) -----
Contact_person.employer_ID references Employer.ID

- HR_Director (employer_ID, name, email) -----
HR_Director.employer_ID references Employer.ID

- Admin (ID) -----
Admin.ID references User

- Faculty_Representative (ID, faculty) -----
Faculty_Representative.ID references User

- Academic_Advisor (ID, faculty)

Academic_Advisor.ID references User
- Career_Office_Coordinator (ID)

Career_Office_Coordinator.ID references User
- Review_Profile (employer_id, admin_id, status, reason)

reviewProfile.employer_id references Employer.ID
reviewProfile.admin_id references Admin.ID
- Job (ID, title, description, department, start_date, end_date, duration,
application_deadline, num_of_available_internships, salary_range, qualifications,
location, application_link, application_email, job_type, employer_id, admin_id,
visibility, reason) -----

Where Job.duration=Job.end_date – Job.start_date
Job.employer_id references Employer.ID
Job.admin_id references Admin.ID
- Allowed_faculties (ID, faculty_name)

Allowed_faculties.ID references Job
- Required_semesters (ID, semester)

Required_semesters.ID references Job
- Part_time (ID, workdays)

Part_time.ID references Job
- Freelance (ID)

freelance.ID references Job
- Summer_internship(ID)

Summer_internship.ID references Job
- Full_time(ID)

Full_time.ID references Job
- Project_based(ID)

Project_based.ID references Job

- Industrial_Internship(ID, status, , aa_id, facultyRep_id)

Industrial_Internship.ID references Job

Industrial_Internship. aa_id references Academic Advisor

Industrial_Internship. facultyRep_id references Faculty_Representative

- CV_Builder (personal_mail, education, extracurricular_activities, linkedIn link, githubLink, skills, achievements, student_id)

CV_Builder.student_id references Student

- Apply (student_ID, job_ID, application_status)

Apply.student_ID references Student.ID

Apply.job_ID references Job.ID

- Eligible (student_id, II_id, coc_id, eligibility)

Eligible.student_id references Student

Eligible.II_id references Industrial_Internship

Eligible.coc_id references Career_Office_Coordinator

- Progress_report(student_id, date, numeric_state, evaluation, description)

, advisor_id)

Progress_report.student_id references Student.ID

Progress_report. advisor_id references Admin.ID