

## **FIELD TRAINING 2**

### **Database Project**

#### **Team members:**

- |                                  |             |                 |
|----------------------------------|-------------|-----------------|
| 1. Jana Hazem Hegazi Mohamed     | ID:23101378 | work on Phase 3 |
| 2. Hamdy sameh Hamdy             | ID:23101383 | work on Phase 4 |
| 3. Noreen osama yosry Abdelwahab | ID:23102386 | work on phase 1 |
| 4. Hana Sherif Abdelmoniem       | ID:23101499 | work on phase 2 |
| 5. Nour Ahmed Rashad             | ID:23101495 | work on phase 5 |

**Note:** although everyone has his own responsibility we will work as a team in every phase to improve it in every phase as a **team**

#### **Description:**

This application facilitates communication between three key stakeholders: **students, university mentors, and company mentors** for internship applications.

Students can **upload their CVs** and select one or more preferred companies for internships. Their application status is initially set as **Pending** and sent to their **university mentor** for review. The university mentor can **review and approve, or decline** student requests. If approved, the mentor uploads any additional required documents (e.g., transcripts, recommendation letters) to the system.

Once a student's request is **approved**, it becomes visible to the **company mentor**, appearing under their list of applicants along with the student's CV and files uploaded by the university mentor. The company mentor can **review applications** and provide feedback or further assessments before making a final hiring decision.

The system ensures a **structured approval process** by maintaining an **Application History**, which tracks actions taken on each request (who approved, rejected, or modified an application and when). A **versioning system** for files allows university mentors to upload updated documents without losing previous versions.

Additionally, the university and company mentors have a **direct communication channel**, allowing them to discuss applicants, requirements, and any additional steps. This ensures a smooth process and minimizes delays in internship placement.

### **General Rules:**

Each student has an account. He uploads his information on the account :

**Student\_ID , Full Name , Email, Phone Number, Major**  
**Academic Level (e.g., Junior, Senior),**  
**His/HerGPA**  
**CV/Resume (File Upload)**  
**LinkedIn Profile (Optional)**  
**Technical Skills (e.g., Python, SQL, Communication)**  
**Certifications (If Any)**  
**Internship Preferences (e.g., Preferred Industry, Remote/Onsite)**  
**Application Status (e.g., Looking for Internship, Accepted, Completed)**  
**Address**

- Each student can have multiple internship applications but can accept only one internship placement.
- Each student is assigned one university mentor but can interact with multiple company mentors.
- Students can send multiple internship requests to different companies.
- A request has one of the following statuses: (**Pending, Approved, Denied**).
- Each request is reviewed first by a **university mentor** before reaching the company mentors.
- If approved by the university mentor, the request is visible to company mentors, who can then accept or reject the student.
- A student can accept only one offer, and the accepted company mentor becomes their official supervisor.

Each student is assigned one university mentor, but a mentor can oversee multiple students.

**A university mentor has a :**

**Mentor\_ID**  
**Full Name**  
**Department (e.g., Computer Science, Electrical Engineering)**  
**Job Title**  
**Email**  
**Phone Number**  
**Office Hours**  
**Mentor Availability Statu (Available, Busy, On Leave)**

**University mentors can:**

- Review all student applications.
- Approve or deny student internship requests.
- Upload necessary training documents related to an approved student.
- Each company can have multiple company mentors.

Each company mentor has :

**Mentor\_ID**

**Company\_ID**

**Full Name**

**Job Title (e.g., Software Engineer, HR Manager)**

**Email**

**Phone Number**

**Years of Experience**

**Available Internship Positions**

**Company Mentor Status (Available, Busy, Not Accepting Interns)**

Company mentors can:

- Review and accept/reject student requests after university approval.
- Access student details and uploaded documents.
- Communicate with university mentors regarding student performance.
- Provide feedback and evaluation at the end of the internship.
- Each company mentor can oversee **multiple students, but each student is officially assigned to only one company mentor.**
- A **company** can receive applications from many students.
- A **company mentor** can review multiple student requests.
- A **student can be reviewed by multiple company mentors** but can only accept one offer.
- Once a student joins a company, they are assigned a **single company mentor** as their supervisor.
- The company mentor submits an **evaluation report** for each student they supervise.
- - University mentors upload **Academic documents** once a request is accepted.
- - Company mentors upload **performance evaluations and progress reports.**

### **Potential Queries:**

1. List all students registered for training along with their mentor
2. Which students are assigned to a particular company mentor (given a specific mentor ID)?
3. How many students are assigned to each company mentor?
4. List all trainings and the number of enrolled students
5. Which students have registered for training but do not have a supervisor assigned yet?
6. List names and emails of all users who live in Riyadh
7. How many students with GPA higher than 3?
8. How many students were approved?
9. Show students with specific majors
10. Show students according to the nearest addresses
11. Find Students with Highest Performance Score
12. How many companies accepted students?