

# Project Documentation

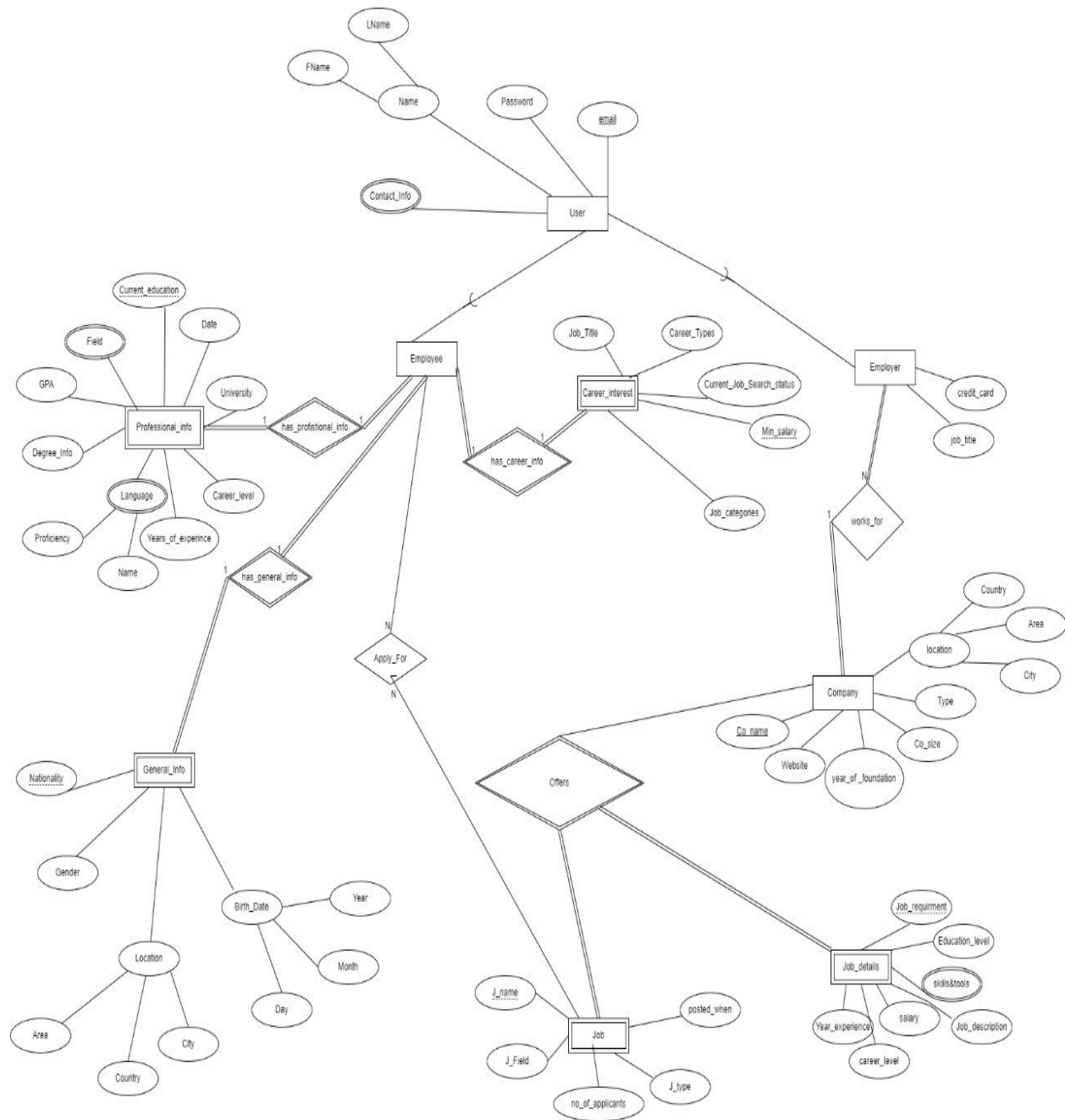
Project Name: Wuzzuf

Assigned TA Name: Walaa Alkady

Team ID: 49

Team members	Section	Department
حبيبة شعبان أحمد فتح الله	9	General
امنية احمد السيد مصطفى	6	General
نورهان عادل عبد الراضي زكي	32	General
نور الهدي أحمد مصطفى كمال محمد توفيق	32	General
سمية بلي عبد القادر جوري	13	General
سماء صبري عبد الوهاب محمد	13	General
آلاء صلاح عبد الهادي رجب أحمد	6	General

# ERD:



# Schema:

User

<u>email</u>	password	First_name	Last_name
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Employee

<u>email</u>	nationality	Current_education	Min_salary
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Employer

<u>email</u>	Job_title	Credit_card	Co_name
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Company

<u>Co_name</u>	city	country	Area	Year_of_foundation	Website	Co_size	type
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Website\_of\_company

<u>Website</u>	Type	Co_name
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Career interest

<u>email</u>	Job_category	career_type	Job_title	Current _job_Search_Status
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Salary\_career interest

<u>email</u>	<u>min_salary</u>
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Professional\_info

<u>email</u>	date	GPA	university	Degree_Info	Years of _experience	Career_level
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Current education professional info

<u>email</u>	<u>current education</u>
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General\_info

<u>email</u>	country	area	city	day	year	month	gender
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Nationality General info

<u>email</u>	<u>nationality</u>
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Job

<u>Co_name</u>	<u>Job requirements</u>	<u>J_name</u>	Posted_when	Num_of_applicants	J_Type	J_Field
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Job\_details

<u>Job requirement</u>	<u>Co_name</u>	J_name	Job_description	salary	Career_level	Years_of_experience	Education_level
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Apply\_for

<u>Email</u>	<u>J_name</u>	<u>Job Requirement</u>	<u>Co_name</u>
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Language\_of\_professional\_info

<u>email</u>	<u>Current education</u>	proficiency	name
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Contact\_info\_of\_user

<u>email</u>	Contact_info
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Skills&tools\_of\_job\_details

Skill&tools	<u>Job requiriments</u>	<u>Co_name</u>	<u>J_name</u>
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Field of Professional\_Info

<u>email</u>	<u>Current Education</u>	field
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<u>J_name</u>	<u>Co_name</u>	<u>Job_requirement</u>
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## Description:

- **The assigned system:**

Wuzzuf is a system that develops innovative online recruitment solutions for top enterprises and organizations. Searching for open vacancies and jobs gets easier as Wuzzuf helps you find new career opportunities by signing up. Also, you can advertise your jobs and hire people through Wuzzuf by creating an employer account.

- **Explanation of the design:**

A user having a name, unique email, password, and contact information can be either employee signing in for a job or an employer looking for people.

An employee has:

- ❖ **General information:**

- Nationality
- Gender
- Location: country,city,area
- Birth date: day,month,year

❖ Professional information:

- Current education
- Degree info: university,date,field,gpa
- Language: proficiency, language name
- Career level
- Years of experience

A student can speak more than one language

❖ Career interest:

- Minimum salary the student would accept from his new job
- Current job search status
- Types of job he is open to
- Job title describes what he is looking for
- Job categories he is interested in

The user signing in as employer has:

- Credit card
- Job title

Each employer works for a company that has:

- Name
- Type
- Size (the number of employees)
- Location
- Website
- Years of foundation

The company offers a job with specific job details for which the user can apply for.

The job has:

- Name
- Date when it was posted
- Type
- Field
- Number of applicants

The job details include:

- Job requirements
- Job description
- Career level
- Salary
- Years of experience
- Skills and tools required

- Educational level required

- Relationship degree:

- ❖ Apply for (M: N):

Each student can apply for many jobs and each job can be applied for by many students

- ❖ **Works for (1: N):**

An employer can work for one company only while each company has many employers working for it

- ❖ **Offers:**

A company can offer many jobs, each with its own details, and each job can be offered by many companies with other details

- ❖ **Has professional information (1:1):**

An employee can have a one specific professional information and the professional information can belong to one employee

- ❖ **Has general information (1:1):**



An employee can have a one specific general information and the general information can belong to one employee

❖ **Has career information (1:1):**

An employee can have a one career professional information and the career information can belong to one employee