#### UNIVERSITY OF PALESTINE



## FACULTY OF ENGINEERING SOFTWARE ENGINEERING DEPARTMENT

#### **Advanced Databases**

### **Project Mostaql**

#### **Students**

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#### **ER Diagram:** Review id\_user(FK) delivery\_time nvarchar(50) id\_free(FK) amount rate professional Works id user(FK) rate\_communction descriptions text rate\_deilvery nvarchar(30) date\_published date rate\_quality title\_work id\_project(FK) rate\_agein\_work image work nvarchar(100) int comment txet description\_work text date\_published link nvarchar(180) data\_work date skills data\_published date id\_user(FK) int id\_user(FK) id\_project(FK) id(PK) nvarchar(40) first name last\_name nvarchar(40) country nvarchar(40) id(PK) languages nvarchar(200) brith\_day type\_file nvarchar(50) nvarchar(40) phone id\_porject(FK) nvarchar(40) password user image\_user nvarchar(40) email nvarchar(100) id(PK) name\_project nvarchar(50) Freelancer skills descriptions info text budget job\_title nvarchar(50) time delivery video link text data\_published date owner\_lancer nvarchar(20) state\_project freelancer varchar(20) id\_Freelancer(FK) aviable nvarchar(20) id\_user(FK) price\_hour decimal aviable\_amount decimal id\_user(FK) empolyee\_company id(PK) int IDENTITY(1,1) id\_user(FK) company id\_company(FK) varchar(30) specification nvarchar(40) num employee website nvarchar(100) manger(FK) Website link: https://mostaql.com/

#### **Project Description:**

Freelance works to connect companies and entrepreneurs with the best professional freelancers to help them implement their ideas and projects, at the same time providing a place for freelancers to find projects to work on and increase their income sources. Through the freelance translator, you can add your project that you want to implement for free to get dozens of offers from the best Arab freelancers, and then you can choose the appropriate offer for your project so that the freelancer can start working on its implementation. The Mostakal platform guarantees you your rights as a project owner or freelancer, as it acts as an intermediary between the two parties until the work is completely completed.

#### **Database Description:**

The database consists of 9 tables

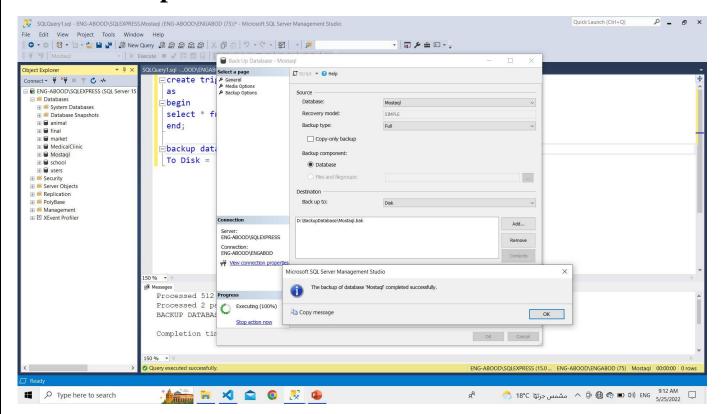
- 1. Works
- 2. Users
- 3. Freelancer
- 4. Files
- 5. Projects
- 6. Review
- 7. Offers
- 8. Favorite
- 9. Company
- 10. empolyee\_company

#### With relationships:

- The relationship of the Users table to the freelancer table is **1-1**
- The relationship of the Users table to the projects table is **1-N**
- The relationship of the projects table to the file table is 1-N
- The relationship of the profile table to the file table is **1-N**
- The relationship of the Users table to the favorites table is **1-1**
- The relationship of the freelancer table to the offers table is **1-N**
- The relationship of the Users table to the company table is **N-M**
- The relationship of the agenda to the file table is **1-N**
- The relationship of the company table to the freelancer table is 1 N
- The relationship of the Users table to a offers table is 1-N
- The relationship of the project schedule to the proposal schedule is 1-N
- The relationship of the projects table to the favorites table is 1-N
- The relationship of the empolyee\_company to the Users table is1-N
- The relationship of the empolyee\_company to the company tableis 1-N

# Mostaql

#### Backup:



#### **Restore:**

