



LIFE MAKERS CHARITY

مؤسسة صنّاع الحياة

Group: G30



GROUP MEMBERS: -

Zahraa Hamdy Mohamed
Alaa Ashraf Sayed
Aisha Mohamed Safwat
Aya Hussein Galal

SUPERVISORS NAMES: -

DR/ Mohmmmed Hashim

وصف المشكلة

قمنا بعمل قاعدة بيانات متكاملة عن جمعية خيرية تسمى صناع الحياة وقاعدة البيانات تشمل الجوانب الأساسية في الجمعية من حيث الأشخاص المرتبطين بالجمعية وما تقوم به من اعمال خيرية من تجميع تبرعات وحملات وما يوجد بالجمعية من ملفات اساسية يتم العمل عليه

أهمية قاعدة البيانات: -

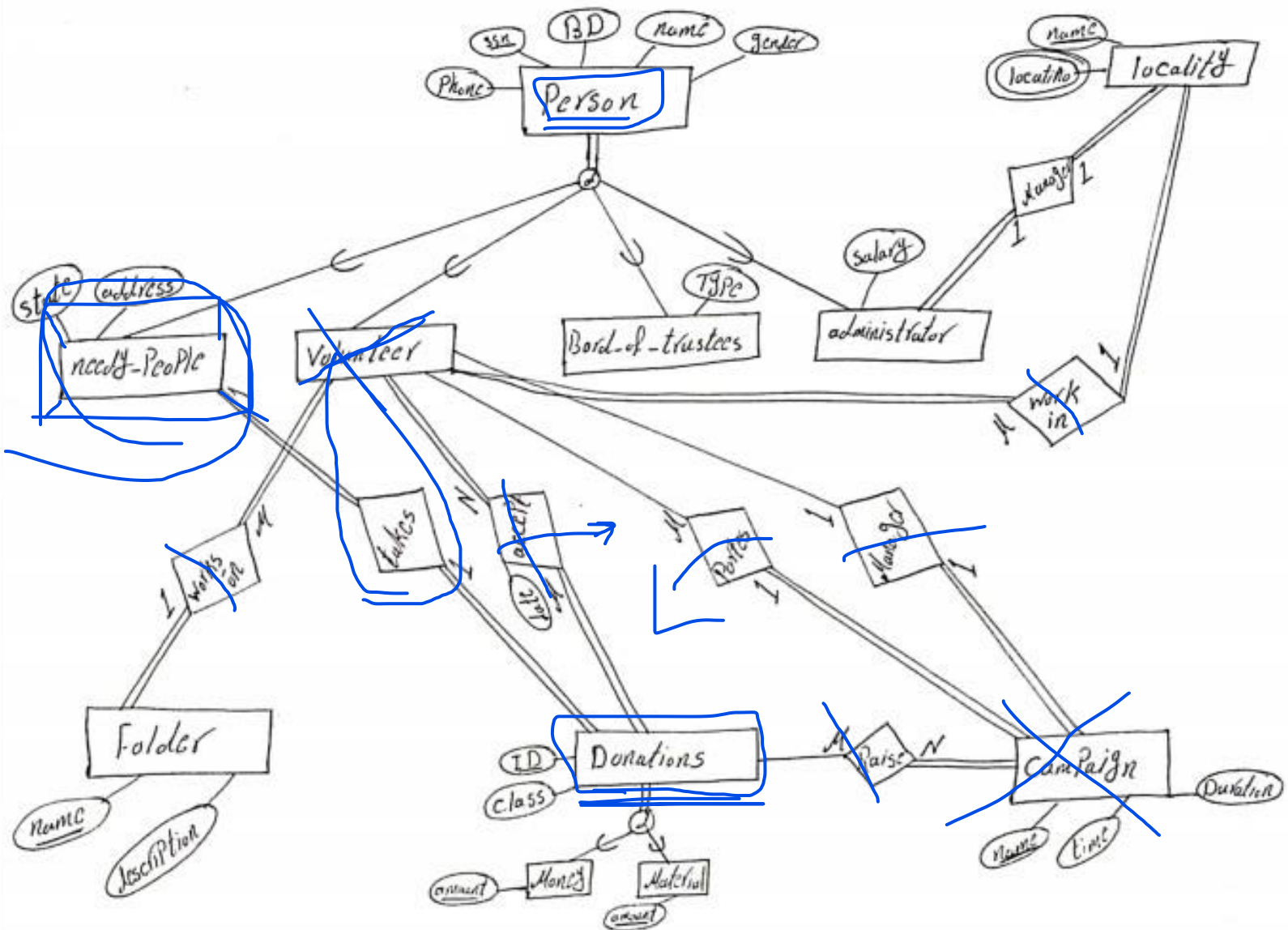
- 1- مساعدة الاشخاص خارج الجمعية من التعرف على هيكل الجمعية
- 2- التسهيل على الاشخاص من داخل الجمعية من الوصول الى البيانات الخاصة بهم وسهولة التوصل الى نتائج الحملات التي يتعم العمل عليها
- 3- الحصول على معلومات بعض الأشخاص المحتاجين لمساعدتهم

Requirement collection

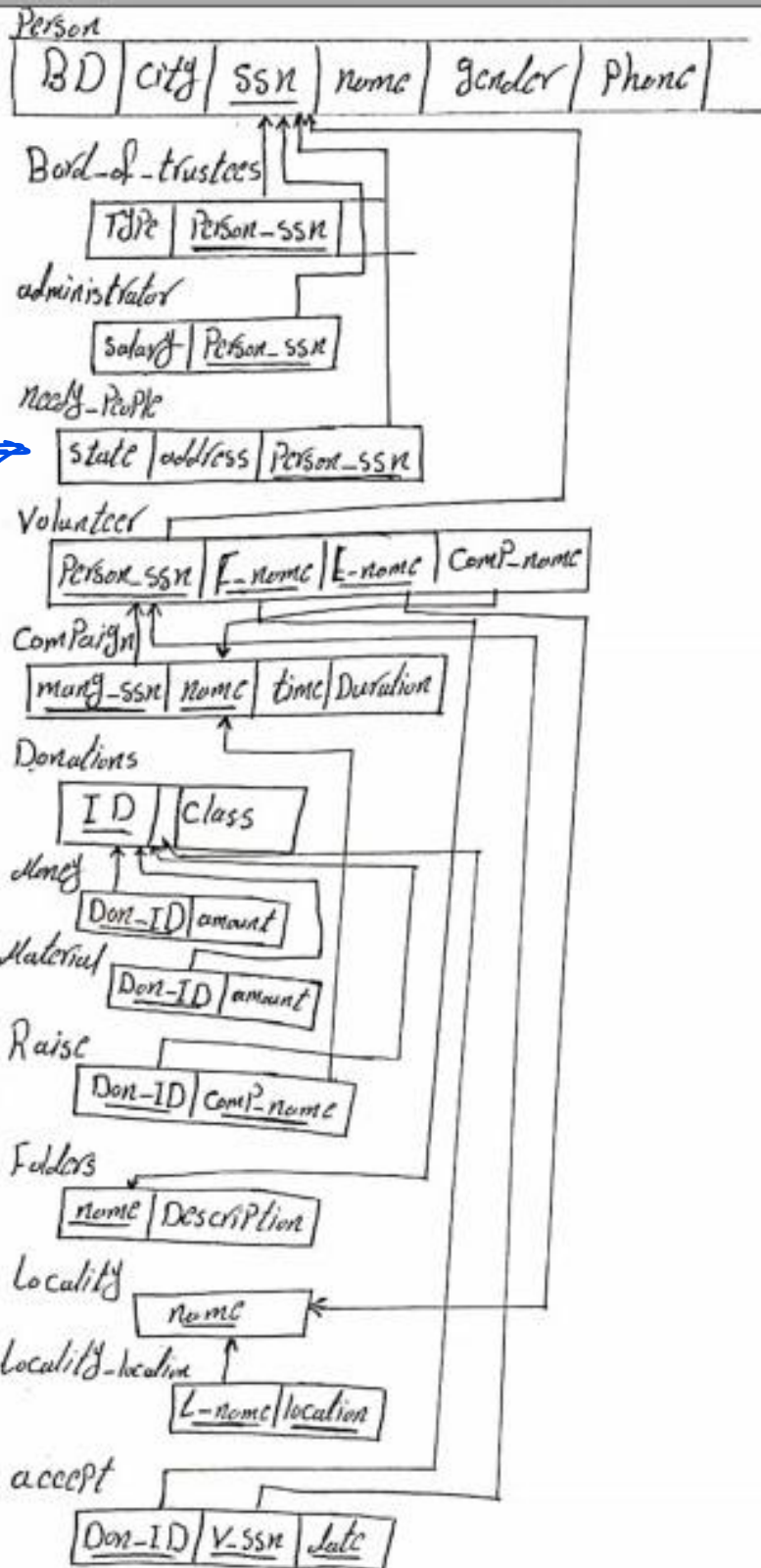
Simple database for a charity called life makers. it contains entities persons, campaigns, folders, localities, donations.

- For each person, the database maintains information on the person's Name [Name], Social Security number [Ssn] which is unique for everyone, city [city], gender [gender], and birth date [Bd], phone [phone].
Person specializes into four subclasses of the **PERSON** entity type are identified: **volunteer**, **boards of trusts**, **needy people**, and **administrator**. specific attributes of needy people state [state] (work, medicine, operation), address [address]. A specific attribute of boards of trusts is a type [type].
A specific attribute of an administrator is salary[salary].
- **DONATIONS** entity has attributes: ID as int which is the PK and Class as varchar. And has 2 subclasses: **material** and **money** and both have specific attribute amount as primary key
- **FOLDER** entity has attributes: name which is unique and description as varchar
- **CAMPAIGNS** entity has attributes: name(primary key), time, and duration as varchar. And it raises donations.
- **LOCALITY** entity has an attribute: name as varchar and multivalued locations. Every locality has a person to manage it.
- Volunteers accept the donations and needy people take them. And the date of donation acceptance is recorded. And every volunteer must be in one locality and participate in campaigns and must be working in one folder.

EER model



Relational mode



The data

Folders:-

Pharmacy: in every branch of the foundation there is a room containing medicine got free to the needy people who need it.

Research: there is a team responsible for looking for needy people in the different villages and make researches about their state

Volunteer management: it's an HR team responsible for making the interview and caring about volunteers

Exhibitions: a team responsible for collecting the donated clothes and sorting it and making exhibitions to buy them cheap

Locations:-

Menofia : Shebin el kom

Cairo: Maadi

Giza: dokki - Embaba

Dakahlia : el Mansoura

Sharkia: Zagazig – Belbeis - 10th Ramadan

Al Behera : Damanhor

Alexandria : Alexandria

Fayom: Fayom

Al Gharbia : Tanta

El Minya : el Minya

Campaigns: -

| الاسم | التوقيت | المدة |
|----------|---------|--------|
| رزق حلال | رمضان | 1 شهر |
| دفا | الشتاء | 3 اشهر |
| اتجنن | الاجازة | 2 شهر |

Donations: -

(id- money – material)

(100 / 1000 / 0) (100 / 2000 / 0) (100 / 3500 / 0)

(100 / 7000 / 0) (100 / 3000 / 0) (200 / 10000 / 0)

(200 / 3000 / 0) (200 / 4000 / 3) (300 / 2500 / 15)

(300 / 2000 / 20) (300 / 3000 / 14)

Accept: -

| ID | V-SSN | DATE |
|-----|----------|------------|
| 100 | 91235678 | 2021-05-01 |
| 100 | 71235678 | 2021-05-13 |
| 100 | 91235678 | 2021-05-05 |
| 100 | 61235678 | 2021-04-26 |
| 100 | 63245678 | 2021-11-10 |
| 200 | 43245678 | 2021-06-11 |
| 200 | 91245678 | 2021-06-23 |
| 200 | 71245678 | 2021-07-28 |
| 300 | 41245678 | 2021-09-09 |
| 300 | 81245678 | 2021-10-18 |
| 300 | 23245678 | 2021-04-19 |

Needy people:-

(name / address / ssn / phone / bd / state / donation id)

Abul Hadid Emad / Geres - Ashmoun / 12345678 / 010666667 / 12-11-1980 / work / 200

Emad Abdel Alim / kafr el dawar - el-Bajour / 32345678 / 010666766 / 18-3-1990 / work/ 100

Rabie Mohammed / kamshesh / Tala / 42345678 / 010667666 / 19-4-1993 / work/200

Mohamed Ayman / El erakeya / EL shohada / 52345678 / 010676666/ 22-10-1991 / clothes / 300

Muhammad Mukhtar / Horen - Berket Al-Sabaa / 62345678 / 010766666/ 4-12-1989 / operator / 300

Ramadan Fahim / Kafr el Sadat - tala / 26345678 / 010777776 / 6-4-1985 / work / 100

Hamada Muhammad / El akhmas- El-Sadat / 72345678 / 010777767 / 17-3-1986 / operation / 300

Ibrahim Mohamed / Manshaat sultan - Menouf / 92345678 / 010776777 / 19-7-1989 /work/ 100

Mohammed Abu Hadid / Tta- Menouf / 21345678 / 010767777 / 20-04 -1986 / clothes/ 300

Jalal Abdul Salam / Gamal abdel naser street - Shebin Al-Koum / 31345678 / 010677777 / 20-2-1984 /operation/ 300

Board of trusts:-

(name / birth date / ssn / phone / city / type)

- Mohsen Al-Nomani Hafez / 15-7-1955 / 41345678 / 010555554 / Cairo / Chairman of the Board of Trustees
- Mohamed Ahmed Yahya/ 5-6-1970 / 51345678/ 010555545 / Giza / vice president
- Osama Abdel Rahman Hussein / 8-12-1964 / 61345678 / 010555455 / Cairo / cashier
- Ahmed Gamal El Din Musa / 30-3-1965/ 71345678 / 010554555 / Cairo / member
- Noha Ali Ahmed El Desouky/ 13-7-1974 / 81345678 / 010545555/ Dakahlia / member

- Omar Muhammad Al-Sunaiti / 28-10-1980 / 91345678 / 010455555 / Cairo / member
 - Haitham Nasser Darwish / 21-1-1989 / 11245678 / 010444445 / Cairo / Member
 - Ahmed Gamal El Din Musa / 16-9-1958 / 21245678 / 010444454/ Cairo / Member
-

Administrator:-

(name / city / ssn / Bdate / phone)

Mohamed Faris – Cairo / 31245678 / 12-4-1998 / 010444544

Ahmed Bahey– Menouf / 51245678 / 3-11-1999 / 010454444

Mahmoud Abed Wahab –Giza / 61245678 / 12-6-1997 / 010544444

Mahmoud Abdullah - Sohag / 91245678/ 2-9-2000 / 010444344

Duha Ahmed - Minya / 13245678 / 22-8-1997/ 010443444

Mahmoud Beltaji –Beheira – Damanhour / 83245678/ 9-5-1996 / 010343333

Mustafa Kashtina –Gharbia / 11235678 / 13-10-2004 / 010333332

Eman Muhammad –El Sharkeya / 21235678 / 10-2-2005 / 010333323

Baraa Mohamed / M Alexandria / 51235678 / 19-3-2002/ 010323333

Volunteers:-

(name / city / ssn / Bdate / phone)

Yemeni Rifat / Menoufia / 41245678 / 24-5-1999 / 010445444

Rofida Muhammad / Bagour/ 71245678 / 13-2-1998 / 010444443

Saif Tharwat / El Sarkeya / 81245678 / 2-4-1996 / 010444434

Mahmoud Khaled / Minya / 23245678 / 21-11-1996 / 010434444

Walid Galal / Minya / 33245678 / 18-3-1998 / 010344444

Areej Magdy / Mattay – Minya / 43245678 / 16-6-2000 / 010333334

Wael Taha / Samalout / 53245678 / 20-1-1998 / 010333343

Sahar Ahmed / Dakahlia / 63245678 / 14-8-1997/ 010333433

Islam Al-Saeed / Mansoura – M Dakahlia / 73245678/ 3-9-1999 / 010334333

Doaa Al-Najjar / Tanta / 93245678 / 12-12-2005 / 010433333

Seif Tharwat / Zagazig – sharkeya/ 31235678 / 22-10-2004 / 010333233

Ahmed Riba / Zagazig / 41235678 / 2-11-2003 / 010332333

Aisha Muhammad / Kafr Saqr – sharkeya / 61235678 / 25-10-2002 / 010233333

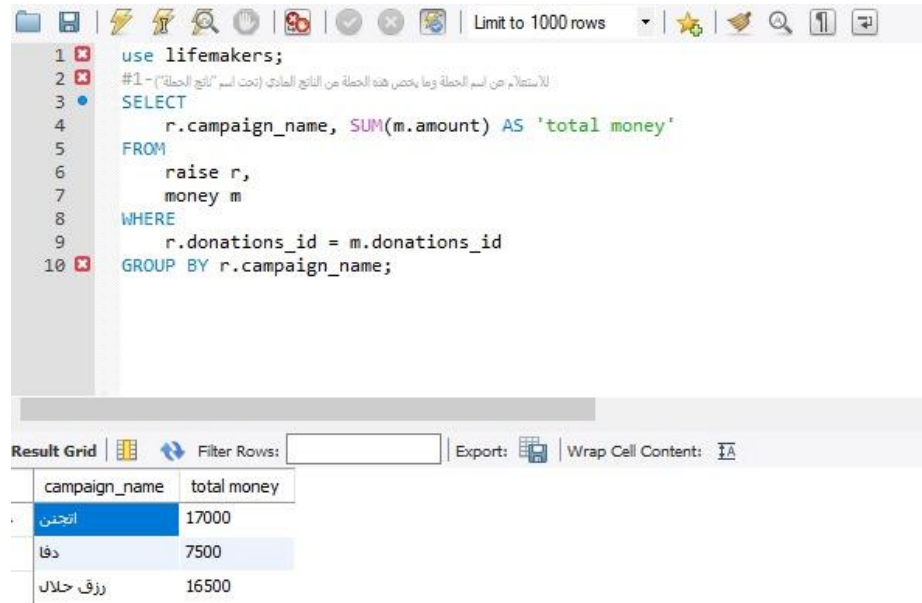
Reem Amr / Abu Hammad – sharkeya/ 71235678 / 23-7-2002 / 010222222

Yasmine Said / Fayoum / 81235678 / 28-4-2001 / 010222221

Shrouk Wazeer / Fayom / 91235678 / 27-8-2001 / 010222212

Queries

Query 1: - للاستعلام عن اسم الحملة وما يخص هذه الحملة من الناتج المادي (تحت اسم "ناتج الحملة")

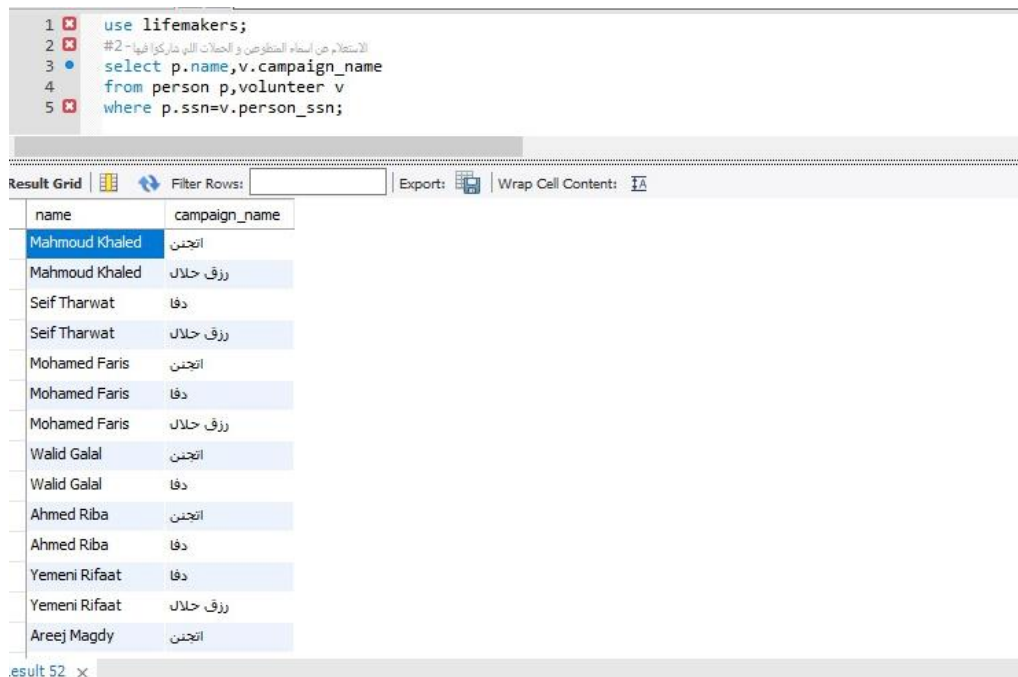


```
1 use lifemakers;
2 #1- للاستعلام عن اسم الحملة وما يخص هذه الحملة من الناتج المادي (تحت اسم "ناتج الحملة")
3 SELECT
4     r.campaign_name, SUM(m.amount) AS 'total money'
5 FROM
6     raise r,
7     money m
8 WHERE
9     r.donations_id = m.donations_id
10 GROUP BY r.campaign_name;
```

Result Grid

| campaign_name | total money |
|---------------|-------------|
| اتجنين | 17000 |
| دفا | 7500 |
| رزق حلال | 16500 |

Query 2: الاستعلام عن اسماء المتطوعين و الحملات اللي شاركوا فيها



```
1 use lifemakers;
2 #2- الاستعلام عن اسماء المتطوعين و الحملات اللي شاركوا فيها
3 select p.name,v.campaign_name
4 from person p,volunteer v
5 where p.ssn=v.person_ssn;
```

Result Grid

| name | campaign_name |
|----------------|---------------|
| Mahmoud Khaled | اتجنين |
| Mahmoud Khaled | رزق حلال |
| Seif Tharwat | دفا |
| Seif Tharwat | رزق حلال |
| Mohamed Faris | اتجنين |
| Mohamed Faris | دفا |
| Mohamed Faris | رزق حلال |
| Walid Galal | اتجنين |
| Walid Galal | دفا |
| Ahmed Riba | اتجنين |
| Ahmed Riba | دفا |
| Yemeni Rifaat | دفا |
| Yemeni Rifaat | رزق حلال |
| Areej Magdy | اتجنين |

result 52 x

Query 3: الاستعلام عن اسماء المتطوعين و الحملات التي شاركوا فيها

```

1 use lifemakers;
2 #3 - الاستعلام عن كل المطوعات من التفرا -
3 select p.*,n.*from person p , needypeople n where p.ssn=n.person_ssn;

```

| ssn | gend | phone | Bd | city | name | person_ssn | state | address | Donati |
|----------|------|------------|------------|------------------|----------------------|------------|-----------|---|--------|
| 12345678 | M | 010666667 | 1980-11-12 | Ashmoun | Abul Hadid emad | 12345678 | work | gers- Ashmoun | 200 |
| 21345678 | M | 010767777 | 1986-04-20 | Menouf | Mohammed Abu Hadi... | 21345678 | clothes | tta- Menouf | 300 |
| 26345678 | M | 010777776 | 1985-04-06 | tala | Ramadan Fahim | 26345678 | work | kafr el sadat - tala | 100 |
| 31345678 | M | 010677777 | 1984-02-20 | Shebin Al-Kou... | Jalal Abdul Salam | 31345678 | operation | gamal abdel naser street- Shebin Al-Ko... | 300 |
| 32345678 | M | 010666766 | 1990-03-18 | el-Bajour | Emad Abdel Alim | 32345678 | work | kafr el dawar - el-Bajour | 100 |
| 42345678 | M | 0106676... | 1993-04-19 | Tala | Rabee Mohammed | 42345678 | work | Kamshesh,Tala | 200 |
| 52345678 | M | 010676666 | 1991-10-22 | el shohada | Mohamed ayman | 52345678 | clothes | el erakeya- el shohada | 300 |
| 62345678 | M | 010766666 | 1989-12-04 | Berket Al-Sabaa | Muhammad Mukhtar | 62345678 | operator | horen - Berket Al-Sabaa | 300 |
| 72345678 | M | 010777767 | 1986-03-17 | el-Sadat | Hamada Muhammad | 72345678 | operation | el akhmas- el-Sadat | 300 |
| 92345678 | M | 010776777 | 1989-07-19 | Menouf | Ibrahim Mohamed ... | 92345678 | work | manshaat sultan - Menouf | 100 |

Query 4: الاستعلام عن المكان الاداري وعنوانه واسم مديره (تحت اسم "اسم المدير")

```

1 use lifemakers;
2 #4 - الاستعلام عن المكان الاداري وعنوانه واسم مديره (تحت اسم "اسم المدير")
3 SELECT
4     a.locality_name, l.l_location, p.name AS 'manager name'
5 FROM
6     administrator a,
7     locality_location l,
8     person p
9 WHERE
10    a.locality_name = l.l_name
11    AND p.ssn = a.person_ssn;

```

| locality_name | l_location | manager name |
|---------------|---------------|--------------------|
| Alexandria | alexandria | Baraa Mohamed |
| cairo | maadi | Mohamed Faris |
| Dakahlia | el mansoura | Islam Al-Saeed |
| fayom | fayom | Shrouk wazer |
| Giza | dokki | Mahmoud Abed Wahab |
| Giza | embaba | Mahmoud Abed Wahab |
| Sharkia | 10 th ramadan | Eman Muhammad |
| Sharkia | Belbeis | Eman Muhammad |
| Sharkia | zagazig | Eman Muhammad |

Query 5: استعلام عن اسماء الملفات و المتطوعين التي تعمل بها و وصف الملفات

```
1 use lifemakers;
2 #استعلام عن اسماء الملفات و المتطوعين التي تعمل بها و وصف الملفات - #5
3 select v.folders_fname, p.name , f.description from volunteer v, person p , folders f
4 where p.ssn=v.person_ssn and v.folders_fname= f.name group by p.name order by 1 desc ;
```

| folders_fname | name | description |
|----------------------|-----------------|--|
| Volunteer management | Doaa Al-Najjar | : its an hr team which responsible for making the interview and care about volunteers |
| Volunteer management | Walid Galal | : its an hr team which responsible for making the interview and care about volunteers |
| Volunteer management | Aisha Muhammad | : its an hr team which responsible for making the interview and care about volunteers |
| Volunteer management | Mohamed Faris | : its an hr team which responsible for making the interview and care about volunteers |
| Research | Seif Tharwat | here a team responsible for looking for needy people in the different villages and make researches about their state |
| research | Shrouk wazer | here a team responsible for looking for needy people in the different villages and make researches about their state |
| Research | Sahar Ahmed | here a team responsible for looking for needy people in the different villages and make researches about their state |
| Research | Mahmoud Khaled | here a team responsible for looking for needy people in the different villages and make researches about their state |
| Research | Rofida Muhammad | here a team responsible for looking for needy people in the different villages and make researches about their state |
| PHARMACY | Saif Tharwat | in every branch of the foundation there a room contain medicine getted free to the neefy people they need it |
| PHARMACY | Areej Magdy | in every branch of the foundation there a room contain medicine getted free to the neefy people they need it |
| pharmacy | Reem Amr | in every branch of the foundation there a room contain medicine getted free to the neefy people they need it |
| Exhibitions | Yemeni Rifaat | a team responsible for collect the donated clothes and sort it and make exhibitions to buy it cheap |
| Exhibitions | Wael Taha | a team responsible for collect the donated clothes and sort it and make exhibitions to buy it cheap |
| Exhibitions | Ahmed Diha | a team responsible for collect the donated clothes and sort it and make exhibitions to buy it cheap |

Query 6: استعلام عن الحملات و عدد المتطوعين المشاركين فيها واسم مدير الحملة

```
1 use lifemakers;
2 #استعلام عن الحملات و عدد المتطوعين المشاركين فيها واسم مدير الحملة - #6
3 SELECT
4     c.*,
5     p.name AS 'manager',
6     COUNT(v.campaign_name) AS 'number of participants'
7 FROM
8     campaign c,
9     person p,
10    volunteer v
11 WHERE
12     c.name = v.campaign_name
13     AND p.ssn = c.mang_ssn
14 GROUP BY c.name;
```

| mang_ssn | time | duration | name | manager | number of participants |
|----------|---------|----------|----------|----------------|------------------------|
| 23245678 | الاجارة | 2 شهر | اتجنن | Mahmoud Khaled | 10 |
| 81245678 | الشتاء | 3 شهر | دفا | Saif Tharwat | 13 |
| 31245678 | رمضان | 1 شهر | رزق حلال | Mohamed Faris | 12 |

Query 7: استعلام عن مجلس الامناء

```

1 use lifemakers;
2 #7- استعلام عن مجلس الامناء
3 SELECT
4     p.*, b.type
5 FROM
6     person p,
7     board_of_trusts b
8 WHERE
9     p.ssn = b.person_ssn;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| ssn | gend | phone | Bd | city | name | type |
|----------|------|-----------|------------|----------|-------------------------|-----------------------------------|
| 11245678 | M | 010444445 | 1989-01-21 | cairo | Haitham Nasser Dar... | member |
| 21245678 | M | 010444454 | 1958-09-16 | cairo | Ahmed Gamal El Din ... | member |
| 41345678 | M | 010555554 | 1955-07-15 | cairo | Mohsen Al-Nomani H... | Chairman of the Board of Trustees |
| 51345678 | M | 010555545 | 1970-06-05 | giza | Mohamed Ahmed Ya... | vice president |
| 61345678 | M | 010555455 | 1964-12-08 | cairo | Osama Abdel Rahma... | cashier |
| 71345678 | M | 010554555 | 1965-03-30 | cairo | Ahmed Gamal El Din ... | member |
| 81345678 | F | 010545555 | 1974-07-13 | dakahlia | Noha Ali Ahmed El De... | member |
| 91345678 | M | 010455555 | 1980-10-28 | cairo | Omar Muhammad Al-... | member |

Query 8: الاستعلام عن اسماء ومرتبات المديرين وترتيبهم

```

1 use lifemakers;
2 #8- الاستعلام عن اسماء ومرتبات المديرين وترتيبهم
3 SELECT
4     p.name, a.salary
5 FROM
6     person p,
7     administrator a
8 WHERE
9     p.ssn = a.person_ssn
10 ORDER BY 2 DESC;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| name | salary |
|--------------------|--------|
| Mohamed Faris | 6000 |
| Mahmoud Abed Wahab | 5000 |
| Ahmed Bahey | 5000 |
| Eman Muhammad | 4000 |
| Shrouk wazer | 3000 |
| Mahmoud Beltaji | 3000 |
| Islam Al-Saeed | 3000 |
| Duha Ahmed | 3000 |
| Baraa Mohamed | 3000 |
| Mahmoud Abdullah | 3000 |

Query 9: الاستعلام عن انواع التبرعات المادية ومجموعها

```
1 use lifemakers;
2 #9: الاستعلام عن انواع التبرعات المادية ومجموعها
3 SELECT
4     d.class, SUM(m.amount) AS 'total'
5 FROM
6     donations d,
7     money m
8 WHERE
9     d.id = m.donations_id
10 GROUP BY d.class;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| class | total |
|------------|-------|
| زكاة | 16500 |
| صدقة | 7500 |
| صدقة جارية | 17000 |

Query 10: الاستعلام عن ترتيب المتطوعين من حيث تجميع التبرعات وعن اسم المقر التابعين له

```
1 use lifemakers;
2 #10: الاستعلام عن ترتيب المتطوعين من حيث تجميع التبرعات وعن اسم المقر التابعين له
3 select p.name,a.v_ssn,v.locality_name,m.amount from person p,volunteer v,money m,accept a
4 where p.ssn=v.person_ssn and a.donations_id=m.donations_id and a.v_ssn=v.person_ssn
5 group by p.name
6 order by 4 desc;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| name | v_ssn | locality_name | amount |
|-----------------|----------|---------------|--------|
| Rofida Muhammad | 71245678 | Menoufia | 3000 |
| Saif Tharwat | 81245678 | Sharkia | 3000 |
| Areej Magdy | 43245678 | Minya | 3000 |
| Mahmoud Khaled | 23245678 | Minya | 2000 |
| Yemeni Rifaat | 41245678 | Menoufia | 2000 |
| Reem Amr | 71235678 | Sharkia | 1000 |
| Shrouk wazer | 91235678 | Fayoum | 1000 |
| Aisha Muhammad | 61235678 | Sharkia | 1000 |
| Sahar Ahmed | 63245678 | Dakahlia | 1000 |

استعلام عن الفقراء الذي في عنوانهم مدينة منوف: Query 11

```
1 use lifemakers;
2 #11- استعلام عن الفقراء الذي في عنوانهم مدينة منوف
3 SELECT
4     n.*
5 FROM
6     needypeople n
7 WHERE
8     n.address LIKE '%menouf %';
```

result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

| person_ssn | state | address | Donations_ID |
|------------|---------|--------------------------|--------------|
| 21345678 | clothes | tta- Menouf | 300 |
| 92345678 | work | manshaat sultan - Menouf | 100 |
| NULL | NULL | NULL | NULL |

الاستعلام عن اكبر مبلغ تم التبرع به: Query12

```
1 use lifemakers;
2 #12- الاستعلام عن اكبر مبلغ تم التبرع به
3 SELECT
4     MAX(amount) AS 'max donatin'
5 FROM
6     money;
```

result Grid | Filter Rows: | Export: | Wrap Cell Content:

| max donatin |
|-------------|
| 10000 |

Query 13: الاستعلام عن انواع التبرعات

```
1 use lifemakers;
2 #13 - الاستعلام عن انواع التبرعات
3 SELECT
4     class AS 'type of donations'
5 FROM
6     donations;
```

Result Grid | Filter Rows: | Export: | Wrap C

| |
|-------------------|
| type of donations |
| زكاة |
| صدقة جارية |
| صدقة |

Query 14: اسماء الاشخاص المحتاجين الى عمل

```
1 use lifemakers;
2 #14 - (one table) اسماء الاشخاص المحتاجين الى عمل
3 SELECT
4     n.person_ssn
5 FROM
6     needypeople n
7 WHERE
8     state IN (SELECT
9                 state
10                FROM
11                needypeople
12                WHERE
13                state = 'work');
```

Result Grid | Filter Rows: | Edit: | Export/Import: | V

| person_ssn |
|------------|
| 12345678 |
| 26345678 |
| 32345678 |
| 42345678 |
| 92345678 |
| NULL |

Query 15: اسماء الاشخاص المحتاجين الى عمل

```
1 use lifemakers;
2 #15- الاستعلام عن عدد المتطوعين الاناث
3 SELECT
4     p.gender, COUNT(DISTINCT v.person_ssn) AS 'number of female'
5 FROM
6     volunteer v,
7     person p
8 WHERE
9     p.ssn = v.person_ssn
10 GROUP BY gender
11 HAVING gender = 'f';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| gend | number of female |
|------|------------------|
| F | 9 |

Query 16: الاستعلام عن تواريخ التبرعات

```
1 use lifemakers;
2 #16- الاستعلام عن تواريخ التبرعات
3 SELECT
4     date, donations_id
5 FROM
6     accept;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

| date | donations_id |
|------------|--------------|
| 2021-04-26 | 100 |
| 2021-11-10 | 100 |
| 2021-05-13 | 100 |
| 2021-05-01 | 100 |
| 2021-05-05 | 100 |
| 2021-06-11 | 200 |
| 2021-07-28 | 200 |
| 2021-06-23 | 200 |
| 2021-04-19 | 300 |
| 2021-09-09 | 300 |
| 2021-10-18 | 300 |

Query 17: الاستعلام عن ترتيب المدن من حيث عدد المتطوعين

```
1 use lifemakers;
2 #17- الاستعلام عن ترتيب المدن من حيث عدد المتطوعين
3 SELECT
4     locality_name AS 'city',
5     COUNT(person_ssn) AS 'number of volunteers'
6 FROM
7     volunteer
8 GROUP BY locality_name
9 ORDER BY 2 DESC;
```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

| city | number of volunteers |
|----------|----------------------|
| Sharkia | 12 |
| Minya | 9 |
| Fayoum | 4 |
| Cairo | 3 |
| Menoufia | 3 |
| Dakahlia | 2 |
| Gharbia | 2 |