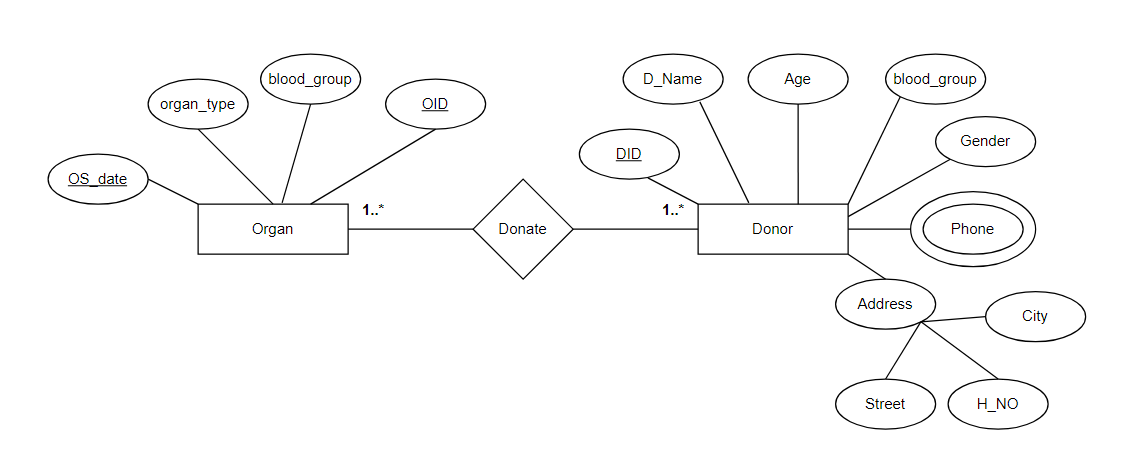
**Normalization:**



**Donate:**

UNF:

DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, PHONE, H\_NO, STREET, CITY, OID, BLOOD\_GROUP, ORGAN\_TYPE, OS\_DATE

1NF: PHONE is a multivalued attribute.

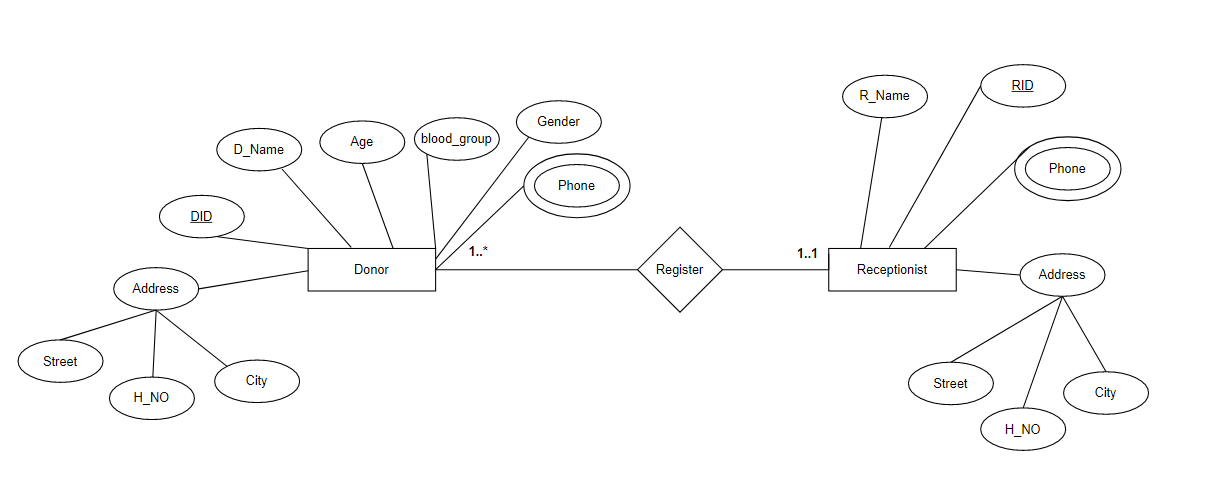
DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, H\_NO, STREET, CITY, OID, BLOOD\_GROUP, ORGAN\_TYPE, OS\_DATE

2NF:

1. DID, D\_NAME, AGE, GENDER, H\_NO, STREET, CITY, OID
2. DID, BLOOD\_GROUP, OID
3. DID, PHONE
4. OID, ORGAN\_TYPE, OS\_DATE

3NF:

1. DID, D\_NAME, AGE, GENDER
2. DID, BLOOD\_GROUP, OID
3. DID, PHONE
4. OID, ORGAN\_TYPE, OS\_DATE
5. DID, H\_NO, STREET, CITY



**Register:**

UNF:

DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, PHONE, H\_NO, STREET, CITY, RID, R\_NAME, PHONE, H\_NO, STREET, CITY

1NF: PHONE is a multivalued attribute.

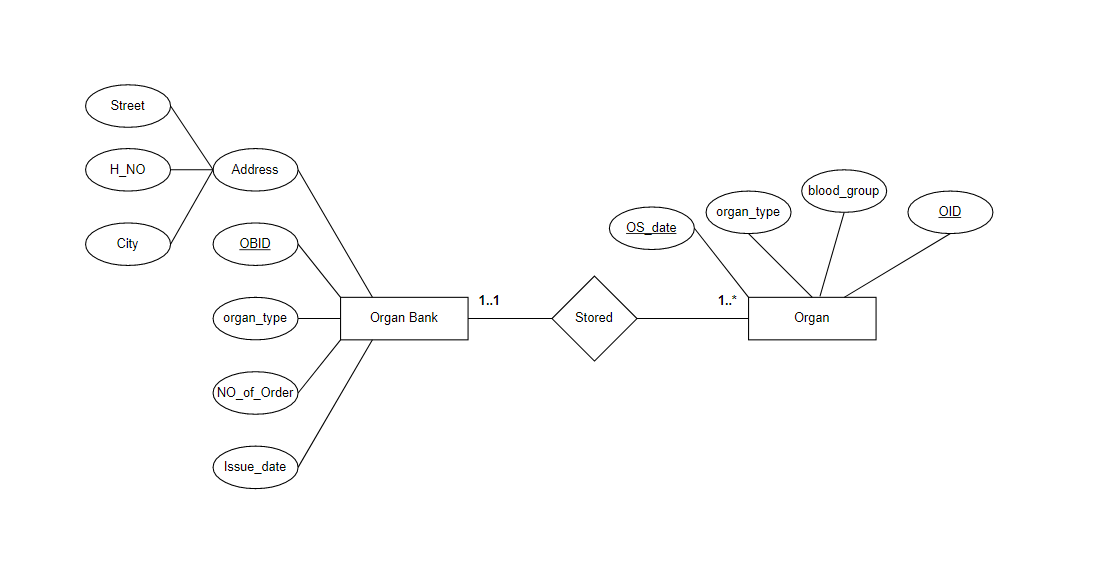
DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, H\_NO, STREET, CITY, RID, R\_NAME, H\_NO, STREET, CITY

2NF:

1. DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, H\_NO, STREET, CITY, RID
2. DID, PHONE
3. RID, R\_NAME

3NF:

1. DID, D\_NAME, AGE, BLOOD\_GROUP, GENDER, RID
2. DID, PHONE
3. DID, H\_NO, STREET, CITY, RID
4. RID, R\_NAME



**Stored:**

UNF:

OID, BLOOD\_GROUP, ORGAN\_TYPE, OS\_DATE, OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY

1NF: PHONE is a multivalued attribute.

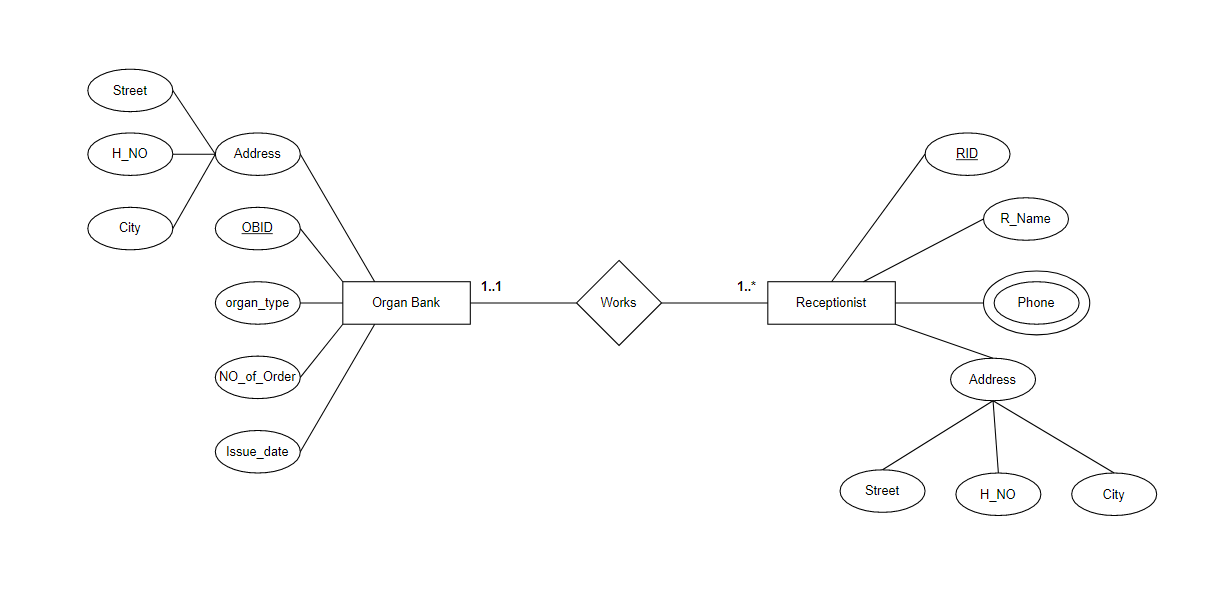
OID, BLOOD\_GROUP, ORGAN\_TYPE, OS\_DATE, OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY

2NF:

1. OID, BLOOD\_GROUP, OS\_DATE, OBID
2. OID, ORGAN\_TYPE, OBID
3. OBID, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY

3NF:

1. OID, BLOOD\_GROUP, OS\_DATE, OBID
2. OID, ORGAN\_TYPE, OBID
3. OID, H\_NO, STREET, CITY
4. OBID, NO\_OF\_ORDER, ISSUE\_DATE



**Works:**

UNF:

OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, RID, R\_NAME, PHONE, H\_NO, STREET, CITY

1NF: PHONE is a multivalued attribute.

OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, RID, R\_NAME, H\_NO, STREET, CITY

2NF:

1. RID, R\_NAME, H\_NO, STREET, CITY, OBID
2. RID, PHONE
3. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE

3NF:

1. RID, R\_NAME
2. RID, PHONE
3. RID, H\_NO, STREET, CITY, OBID
4. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE

Diagram

Description automatically generated

**Orders:**

UNF:

OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, HID, H\_NAME, PHONE, H\_NO, STREET, CITY

1NF: PHONE is a multivalued attribute.

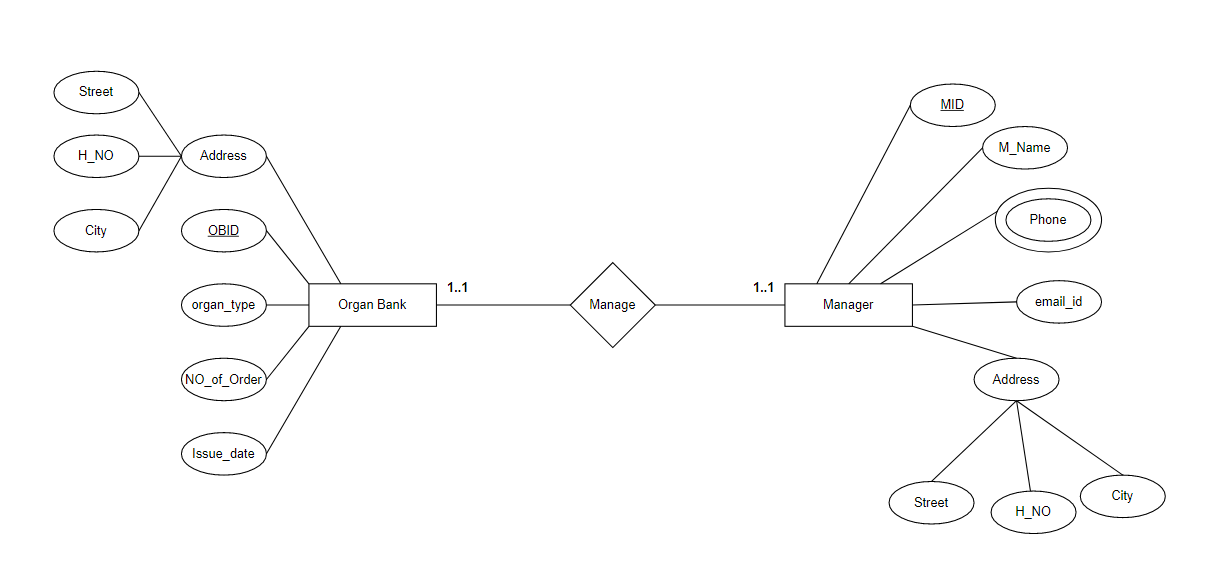
OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, HID, H\_NAME, H\_NO, STREET, CITY

2NF:

1. HID, H\_NAME, H\_NO, STREET, CITY, OBID
2. HID, PHONE
3. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE

3NF:

1. HID, H\_NAME
2. HID, PHONE
3. HID, H\_NO, STREET, CITY, OBID
4. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE



**Manage:**

UNF:

OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, MID, M\_NAME, EMAIL\_ID, PHONE, H\_NO, STREET, CITY

1NF: PHONE is a multivalued attribute.

OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE, H\_NO, STREET, CITY, MID, M\_NAME, EMAIL\_ID, H\_NO, STREET, CITY

2NF:

1. MID, M\_NAME, EMAIL\_ID, H\_NO, STREET, CITY, OBID
2. MID, PHONE
3. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE

3NF:

1. MID, M\_NAME, EMAIL\_ID
2. MID, PHONE
3. MID, H\_NO, STREET, CITY, OBID
4. OBID, ORGAN\_TYPE, NO\_OF\_ORDER, ISSUE\_DATE