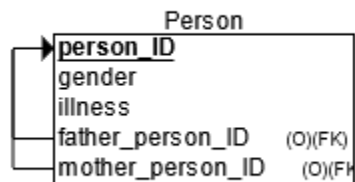
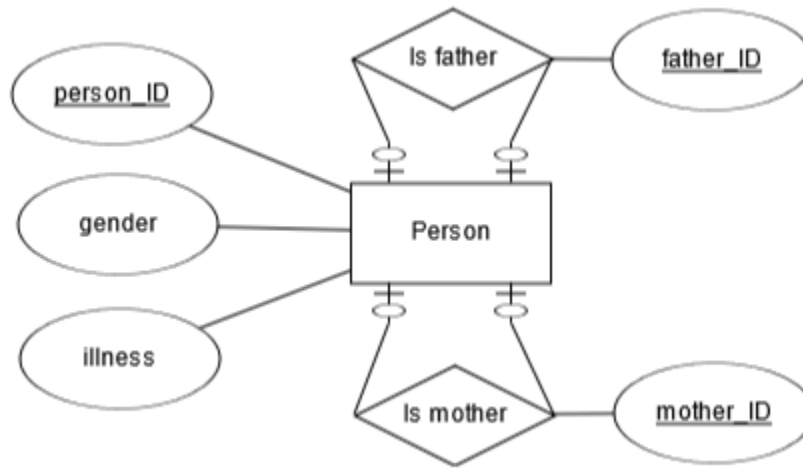


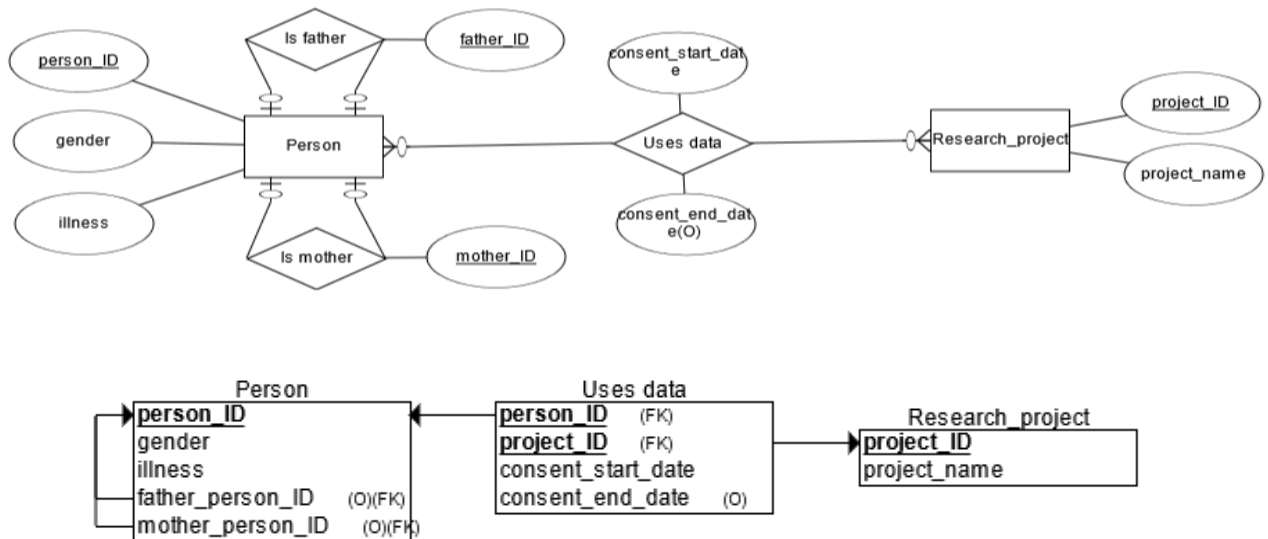
1. ER-kaavio ja relaatiotietokantakaavio



2. Tietueet

person_ID	gender	illness	father_person_ID	mother_person_ID
1	male	no	NULL	NULL
2	female	yes	NULL	NULL
3	male	no	NULL	NULL
4	female	yes	1	2
5	male	yes	1	2
6	female	no	NULL	NULL
7	male	no	1	2
8	male	no	1	2
9	male	yes	1	2
10	female	no	NULL	NULL
11	female	yes	3	4
12	male	yes	3	4
13	female	no	3	4
14	male	yes	5	6
15	male	yes	9	10
16	male	no	9	10

3. Laajennettu ER-kaavio ja relaatiotietokantakaavio



4. Datan kirjaaminen

```
MariaDB [harjoitus2]> insert into research_project (project_name)
-> values ("CC1");
Query OK, 1 row affected (0.010 sec)

MariaDB [harjoitus2]> select * from research_project;
+-----+-----+
| project_ID | project_name |
+-----+-----+
|          1 | CC1          |
+-----+-----+

MariaDB [harjoitus2]> insert into uses_data (person_ID, project_ID, consent_start_date)
-> values (13, 1, "2021-01-01");
Query OK, 1 row affected (0.006 sec)

MariaDB [harjoitus2]> select * from uses_data;
+-----+-----+-----+-----+
| consent_start_date | consent_end_date | person_ID | project_ID |
+-----+-----+-----+-----+
| 2021-01-01        | NULL             | 13        | 1          |
+-----+-----+-----+-----+

MariaDB [harjoitus2]> update uses_data
-> set consent_end_date = "2021-06-21"
-> where person_ID = 13 and project_ID = 1;
Query OK, 1 row affected (0.006 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [harjoitus2]> select * from uses_data;
+-----+-----+-----+-----+
| consent_start_date | consent_end_date | person_ID | project_ID |
+-----+-----+-----+-----+
| 2021-01-01        | 2021-06-21      | 13        | 1          |
+-----+-----+-----+-----+
```