Usr_Info

| User_ID (PK) | int |
| --- | --- |
| Name | VARCHAR(40) |
| Phone | VARCHAR(10) |
| status | VARCHAR(10) |
| Role | VARCHAR(10) |
| Email | VARCHAR(40) |

CREATE TABLE Usr_Info(
                User_ID INT NOT NULL PRIMARY KEY,
                Name VARCHAR(40) NOT NULL,
                Email VARCHAR(40),
                status VARCHAR(10),
                Phone LONGTEXT,
                Role VARCHAR(10));

```
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| User_ID | int         | NO   | PRI | NULL    |       |
| Name    | varchar(40) | NO   |     | NULL    |       |
| Email   | varchar(40) | YES  |     | NULL    |       |
| status  | varchar(10) | YES  |     | NULL    |       |
| Phone   | varchar(10) | YES  |     | NULL    |       |
| Role    | varchar(10) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
```

Survey

| Survey_ID (PK) | int |
| --- | --- |
| Title | VARCHAR(100) |
| Description | longtext |
| User_ID (FK) | int |

CREATE TABLE Survey(
                Survey_ID INT NOT NULL PRIMARY KEY,
                Title VARCHAR(100),
                Description LONGTEXT,
                User_ID INT,
                FOREIGN KEY(User_ID) REFERENCES Usr_Info(User_ID)
                );

```
+-------------+--------------+------+-----+---------+-------+
| Field       | Type         | Null | Key | Default | Extra |
+-------------+--------------+------+-----+---------+-------+
| Survey_ID   | int          | NO   | PRI | NULL    |       |
| Title       | varchar(100) | YES  |     | NULL    |       |
| Description | longtext     | YES  |     | NULL    |       |
| User_ID     | int          | YES  | MUL | NULL    |       |
+-------------+--------------+------+-----+---------+-------+
```

UserSurvey

| US_ID (PK) | VARCHAR(100) //type change |
|---|---|
| Survey_ID (FK) | Int //null allowed |
| expiration_date | Datetime //type change and null allowed |
| User_ID (FK) | Int //null allowed Confusions about NF1 and whether it should be deleted even tho it is declared as MULTIPLE |

CREATE TABLE UserSurvey(
      US_ID INT NOT NULL PRIMARY KEY,
      Expiration_date DATETIME,
      Survey_ID INT,
      User_ID INT,
      FOREIGN KEY(Survey_ID) REFERENCES Survey(Survey_ID),
      FOREIGN KEY(User_ID) REFERENCES Usr_Info(User_ID)
      );

```
+-----------------+--------------+------+-----+---------+-------+
| Field           | Type         | Null | Key | Default | Extra |
+-----------------+--------------+------+-----+---------+-------+
| US_ID           | varchar(100) | NO   | PRI | --      |       |
| Expiration_date | datetime     | YES  |     | NULL    |       |
| Survey_ID       | int          | YES  | MUL | NULL    |       |
| User_ID         | int          | YES  | MUL | NULL    |       |
+-----------------+--------------+------+-----+---------+-------+
```

ResponceType

| Type_ID (PK) | int |
|---|---|
| Type_def | Longtext //null allowed |

CREATE TABLE ResponceType(
      Type_ID INT NOT NULL PRIMARY KEY,
      Type_def LONGTEXT);

```
+----------+----------+------+-----+---------+-------+
| Field    | Type     | Null | Key | Default | Extra |
+----------+----------+------+-----+---------+-------+
| Type_ID  | int      | NO   | PRI | NULL    |       |
| Type_def | longtext | YES  |     | NULL    |       |
+----------+----------+------+-----+---------+-------+
```

Question

| QID (PK) | int |
|---|---|
| Qdescription | Longtext //null allowed |
| Survey_ID (FK) | Int //null allowed |
| Type_ID (FK) | Int //null allowed |

CREATE TABLE Question(
      QID INT NOT NULL PRIMARY KEY,

```
                    Qdescription LONGTEXT,
                    Survey_ID INT,
                    Type_ID INT ,
                    FOREIGN KEY(Survey_ID)
                    REFERENCES Survey(Survey_ID),
                    FOREIGN KEY(Type_ID)
                    REFERENCES ResponceType(Type_ID)
                    );
```

```
+--------------+----------+------+-----+---------+-------+
| Field        | Type     | Null | Key | Default | Extra |
+--------------+----------+------+-----+---------+-------+
| QID          | int      | NO   | PRI | NULL    |       |
| Qdescription | longtext | YES  |     | NULL    |       |
| Survey_ID    | int      | YES  | MUL | NULL    |       |
| Type_ID      | int      | YES  | MUL | NULL    |       |
+--------------+----------+------+-----+---------+-------+
```

QuestionChoices

| QCID (PK) | int |
|---|---|
| QID (FK) | Int //null allowed |
| Choice_val (A,B,C) UNIQUE | VARCHAR(10) //Unique(requested on final project channel), null allowed |
| Descrip | LongText |

```
CREATE TABLE QuestionChoices(
                    QCID INT NOT NULL PRIMARY KEY,
                    QID INT,
                    Choice_val VARCHAR(10),
                    Descrip LONGTEXT,
                    FOREIGN KEY(QID) REFERENCES Question(QID)
                    );
```

```
+------------+-------------+------+-----+---------+-------+
| Field      | Type        | Null | Key | Default | Extra |
+------------+-------------+------+-----+---------+-------+
| QCID       | int         | NO   | PRI | NULL    |       |
| QID        | int         | YES  | MUL | NULL    |       |
| Choice_val | varchar(10) | YES  | UNI | NULL    |       |
| Descrip    | longtext    | YES  |     | NULL    |       |
+------------+-------------+------+-----+---------+-------+
```

QuestionResponce

| QRID (PK) | int |
|---|---|
| QID  (FK) | Int //null allowed |
| User_ID (FK) | Int //null allowed |
| Response_val (FK) (A,B,C) | VARCHAR(10) |
| text | longtext |

```
CREATE TABLE QResponce(
                    QRID INT NOT NULL PRIMARY KEY,
                    QID INT,
                    User_ID INT,
                    Responce_val VARCHAR(10),
                    Text LONGTEXT,
                    FOREIGN KEY (QID)
                    REFERENCES Question(QID),
                    FOREIGN KEY(User_ID)
                    REFERENCES Usr_Info(User_ID)
                    FOREIGN KEY(Responce_val)
                    REFERENCES QuestionChoices(Choice_val);
                    );
```

```
+----------------+--------------+------+-----+---------+-------+
| Field          | Type         | Null | Key | Default | Extra |
+----------------+--------------+------+-----+---------+-------+
| QRID           | int          | NO   | PRI | NULL    |       |
| QID            | int          | YES  | MUL | NULL    |       |
| User_ID        | int          | YES  | MUL | NULL    |       |
| Responce_val   | varchar(10)  | YES  |     | NULL    |       |
| Text           | longtext     | YES  |     | NULL    |       |
+----------------+--------------+------+-----+---------+-------+
```

Certain uniqueness constraints requested on slack were removed throughout the process, this is the current version of mysql as of 12/21/2021 8:05pm MK.