Database:

Create database niramay;

Tables:

Users:

```
CREATE TABLE users (
    email varchar(50) NOT NULL PRIMARY KEY,
    role varchar(30) DEFAULT NULL,
    password varchar(50) DEFAULT NULL,
    phoneNo varchar(10) DEFAULT NULL,
    Name varchar(50) DEFAULT NULL
);
```

Child:

```
CREATE TABLE child (
    bit_name varchar(255) DEFAULT NULL,
    anganwadi_no varchar(200) NOT NULL,
    assistant_name varchar(255) DEFAULT NULL,
    assistant_phone varchar(15) DEFAULT NULL,
    child_name varchar(255) NOT NULL,
    child_dob date DEFAULT NULL,
    child_gender enum('male','female','other') DEFAULT NULL,
    child_phone varchar(15) DEFAULT NULL,
    mother_name varchar(255) DEFAULT NULL,
    mother_education varchar(255) DEFAULT NULL,
    mother_occupation varchar(255) DEFAULT NULL,
    mother_age_at_marriage int DEFAULT NULL,
    mother_age_at_first_pregnancy int DEFAULT NULL,
    child_weight_after_birth decimal(5,2) DEFAULT NULL,
    father_name varchar(255) DEFAULT NULL,
    father_education varchar(255) DEFAULT NULL,
    father_occupation varchar(255) DEFAULT NULL,
    total_family_members int DEFAULT NULL,
    addictions text DEFAULT NULL,
    source_of_drinking_water text DEFAULT NULL,
    other text DEFAULT NULL,
```

```
    TotalSiblings int DEFAULT NULL,
    prevHistory varchar(40) DEFAULT NULL,
    chief_assistantName varchar(255) DEFAULT NULL,
    diabetes text DEFAULT NULL,
    anaemia text DEFAULT NULL,
    tuberculosis text DEFAULT NULL,
    date date DEFAULT NULL,
    PRIMARY KEY (anganwadi_no, child_name)
);
```

Siblings:

```
CREATE TABLE siblings (
    sibling_id int NOT NULL AUTO_INCREMENT,
    anganwadi_no varchar(200) DEFAULT NULL,
    child_name varchar(255) NOT NULL,
    name varchar(255) NOT NULL,
    age int NOT NULL,
    malnourished tinyint(1) NOT NULL,
    PRIMARY KEY (sibling_id),
    INDEX anganwadi_no_index (anganwadi_no),
    FOREIGN KEY (anganwadi_no, child_name) REFERENCES child (anganwadi_no,
child_name)
);
```

generalHistory:

```
CREATE TABLE generalhistory (
    anganwadiNo varchar(200) NOT NULL,
    childName varchar(255) NOT NULL,
    vomiting tinyint(1) DEFAULT NULL,
    fever tinyint(1) DEFAULT NULL,
    commonCold tinyint(1) DEFAULT NULL,
    cough tinyint(1) DEFAULT NULL,
    oedema tinyint(1) DEFAULT NULL,
    vaccinationDone tinyint(1) DEFAULT NULL,
    appetiteTest varchar(255) DEFAULT NULL,
    thirst varchar(255) DEFAULT NULL,
    anyOther varchar(255) DEFAULT NULL,
    face varchar(255) DEFAULT NULL,
    hair varchar(255) DEFAULT NULL,
    eye varchar(255) DEFAULT NULL,
```

```
    ear varchar(255) DEFAULT NULL,
    abdomen varchar(255) DEFAULT NULL,
    motion varchar(255) DEFAULT NULL,
    otherSigns text DEFAULT NULL,
    observationsAndSuggestions text DEFAULT NULL,
    bcg tinyint(1) DEFAULT NULL,
    polio tinyint(1) DEFAULT NULL,
    ipv tinyint(1) DEFAULT NULL,
    pcv tinyint(1) DEFAULT NULL,
    pentavalent tinyint(1) DEFAULT NULL,
    rotavirus tinyint(1) DEFAULT NULL,
    mr tinyint(1) DEFAULT NULL,
    vitamin_a tinyint(1) DEFAULT NULL,
    dpt tinyint(1) DEFAULT NULL,
    td tinyint(1) DEFAULT NULL,
    PRIMARY KEY (anganwadiNo, childName),
    FOREIGN KEY (anganwadiNo, childName) REFERENCES child (anganwadi_no,
child_name)
);
```

Visits:

```
CREATE TABLE visits (
    anganwadiNo varchar(255) DEFAULT NULL,
    childName varchar(255) DEFAULT NULL,
    visitId int NOT NULL AUTO_INCREMENT,
    visitDate date DEFAULT NULL,
    weight decimal(5,2) DEFAULT NULL,
    height decimal(5,2) DEFAULT NULL,
    muac decimal(5,2) DEFAULT NULL,
    difference text DEFAULT NULL,
    grade text DEFAULT NULL,
    haemoglobin text DEFAULT NULL,
    totalNoOfJars int DEFAULT 0,
    observations text DEFAULT NULL,
    multivitamin int DEFAULT 0,
    iron int DEFAULT 0,
    calcium int DEFAULT 0,
    protein int DEFAULT 0,
    PRIMARY KEY (visitId),
    FOREIGN KEY (anganwadiNo, childName) REFERENCES child (anganwadi_no,
child_name)
);
```