

Okay, I will separate the data fields and SQL `CREATE TABLE` statements explicitly for Phase 1, Phase 2, and Phase 3, even if some content repeats across phases. This will provide a clearer, phase-specific database structure.

Data Extraction and Categorization (Separated by Phase)

Phase 1 Data (`/PHASE 1 AND 2.pdf`)

* **1. REGISTRATION (Phase 1)**

- * Phase 1 Date
 - * Phase 1 City
 - * Surname
 - * First Name
 - * Region/District
 - * City/Village
 - * Gender
 - * DOB
 - * Age
 - * Mobile Number
 - * SMS (for Mobile Number)
 - * Alternative Number
 - * SMS (for Alternative Number)
 - * Hearing Loss (Yes/No/Undecided)
 - * Sign Language Use (Yes/No/Undecided)
 - * Speech Use (Yes/No/A little)
 - * Hearing Loss Cause (Medication, Ear Infection, Meningitis, Aging, Malaria, Birth Trauma, Tuberculosis, HIV, Other, Unknown)
 - * Ringing Sensation (Yes/No/A little)
 - * Ear Pain (Yes/No/A little)
 - * Employment Status (Employed, Self Employed, Not Employed)
 - * Highest Level of Education Attained (None, Primary, Secondary, Post Secondary)
 - * Current Student (Yes/No)
 - * School Name
 - * School Phone Number
- * **2A. EAR SCREENING (Phase 1)**
- * Ears Clear for Impressions (Yes/No)
- * **2B. OTOSCOPY (Phase 1)**
- * Left Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Tinnitus (Yes/No), Atresia (Yes/No), Implant (Yes/No), Other (Yes/No)

- * Right Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Tinnitus (Yes/No), Atresia (Yes/No), Implant (Yes/No), Other (Yes/No)
- * Medical Recommendation
- * Medication Given (Antiseptic, Analgesic, Antifungal, Antibiotic)
- * Ears Clear for Impressions (Yes/No)
- * Comments
- * **3. HEARING SCREENING (Phase 1)**
 - * Screening Method (WFA®, Voice Test, Audiogram)
 - * Left Ear: Pass/Fail
 - * Right Ear: Pass/Fail
 - * Satisfaction with Hearing (Unsatisfied/Uncertain/Satisfied - for 18+ if passes)
- * **4. EAR IMPRESSIONS (Phase 1)**
 - * Left Ear Impression (Yes/No)
 - * Right Ear Impression (Yes/No)
 - * Comments
- * **5. COUNSELING (Phase 1)**
 - * Patient completed counseling and received AfterCare information (Yes/No)
 - * Patient trained as a Student Ambassador (Yes/No)
- * **6. FINAL QUALITY CONTROL (Phase 1)**
 - * Ear impressions inspected & collected (Yes/No)
 - * SHF ID number and ID card given (Yes/No)
 - * Number of batteries provided (13, 675)
 - * Satisfaction with Hearing (Unsatisfied/Uncertain/Satisfied - for 18+)
 - * Patient Signature (or Parent/Guardian)
 - * Comments
- * **Waiver & Release of Liability (Phase 1)**
 - * Patient Name (Print)
 - * Patient Signature
 - * Date
 - * Parent or Guardian (Print) (if minor)
 - * Signature of Parent/Guardian (if minor)
 - * Relation to Minor (if minor)
- * **Media Release (Phase 1)**
 - * Patient declined to sign Media Release (Checkbox)

Phase 2 Data (`/PHASE 1 AND 2.pdf`)

- * **1. REGISTRATION (Phase 2)**
 - * Phase 2 Date
 - * Phase 2 City
 - * Patient Type (Registered Phase 1, Walk-in No Earmolds)
- * **2A. EAR SCREENING (Phase 2)**
 - * Ears Clear for Fitting (Yes/No)
- * **2B. OTOSCOPY (Phase 2)**
 - * Left Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Tinnitus (Yes/No), Atresia (Yes/No), Implant (Yes/No), Other (Yes/No)
 - * Right Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Tinnitus (Yes/No), Atresia (Yes/No), Implant (Yes/No), Other (Yes/No)
 - * Medical Recommendation
 - * Medication Given (Antiseptic, Analgesic, Antifungal, Antibiotic)
 - * Ears Clear for Fitting (Yes/No)
 - * Comments
- * **3. HEARING SCREENING (Phase 2)**
 - * Screening Method (WFA®, Voice Test, Audiogram)
 - * Left Ear: Pass/Fail
 - * Right Ear: Pass/Fail
 - * Satisfaction with Hearing (Unsatisfied/Uncertain/Satisfied - for 18+ if passes)
- * **4A. HEARING AID FITTING (Phase 2)**
 - * Fitter Name
 - * Number of Hearing Aids Fit (0, 1, 2)
 - * Special Device (Bone Conductor, Body Aid)
 - * Reason for 0 or 1 hearing aid (No Response, Other, Normal Hearing, Distortion, Implant, Recruitment)
 - * Comments
- * **4B. FITTING QUALITY CONTROL (Phase 2)**
 - * Patient Clear for Counseling (Yes/No)
 - * Left Ear Results: Power Level, Volume, Battery (13, 675), Earmold
 - * Right Ear Results: Power Level, Volume, Battery (13, 675), Earmold
- * **5. COUNSELING (Phase 2)**
 - * Patient completed counseling and received AfterCare information (Yes/No)
 - * Patient trained as a Student Ambassador (Yes/No)
- * **6. FINAL QUALITY CONTROL (Phase 2)**
 - * Number of batteries provided (13, 675)
 - * Satisfaction with Hearing (Unsatisfied/Uncertain/Satisfied - for 18+)
 - * Patient Signature (or Parent/Guardian)

- * Comments
- * **Waiver & Release of Liability (Phase 2)**
 - * Patient Name (Print)
 - * Patient Signature
 - * Date
 - * Parent or Guardian (Print) (if minor)
 - * Signature of Parent/Guardian (if minor)
 - * Relation to Minor (if minor)
- * **Media Release (Phase 2)**
 - * Patient declined to sign Media Release (Checkbox)

Phase 3 Data (`/PHASE 3.pdf`)

- * **1. REGISTRATION (Phase 3)**
 - * SHF ID
 - * Country
 - * Phase 3 AfterCare City
 - * Date
 - * Surname
 - * First Name
 - * Gender
 - * DOB
 - * Age
 - * Mobile Phone Number
 - * Type of AfterCare (1st Call, 2nd Call, 3rd Call, Patient Unreachable)
 - * Service Center or School Name
 - * Highest Level of Education Attained (None, Primary, Secondary, Post Secondary)
 - * Return Visit (Patient is picking up custom earmold(s) and/or repaired hearing aid)
 - * Employment Status (Employed, Self-Employed, Not Employed)
 - * Are you having a problem with your hearing aid(s) and/or earmold(s)? (Yes/No)
- * **2. EAR SCREENING/OTOSCOPY (Phase 3)**
 - * Left Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Other (Yes/No)
 - * Right Ear: Wax (Yes/No), Infection (Yes/No), Perforation (Yes/No), Other (Yes/No)
 - * Medical Recommendation
 - * Medication Given (Antiseptic, Analgesic, Antifungal, Antibiotic)
 - * Ears Clear for Assessment (Yes/No)
 - * Comments

* **3A. AFTERCARE ASSESSMENT - EVALUATION (Phase 3)**

* **Hearing Aid (Left/Right)**

- * Hearing Aid is Dead or Broken (Yes/No)
- * Hearing Aid has Internal Feedback (Yes/No)
- * Hearing Aid Power Change Needed (Yes/No)
- * Hearing Aid was Lost or Stolen (Yes/No)
- * No Problem with Hearing Aid (Yes/No)

* **Earmold (Left/Right)**

- * Discomfort/Earmold too Tight (Yes/No)
- * Feedback/Earmold too Loose (Yes/No)
- * Earmold is Damaged or Tubing is Cracked (Yes/No)
- * Earmold was Lost or Stolen (Yes/No)
- * No Problem with Earmold (Yes/No)

* **3B. AFTERCARE ASSESSMENT - SERVICES COMPLETED (Phase 3)**

* **Hearing Aid (Left/Right)**

- * Tested with WFA® Fitting Method using Demo Hearing Aids (Yes/No)
- * Hearing Aid Sent to SHF for Repair or Replacement (Yes/No)
- * Refit new Hearing Aid (Yes/No)
- * Not Benefiting from Hearing Aid (Yes/No)

* **Earmold (Left/Right)**

- * Retubed or Unplugged Earmold (Yes/No)
- * Modified Earmold (Yes/No)
- * Fit Stock Earmold (Yes/No)
- * Took new Ear Impression (Yes/No)
- * Refit Custom Earmold (Yes/No)

* **GENERAL SERVICES (Phase 3)**

- * Counseling (Yes/No)
- * Batteries Provided: 13____ 675____
- * Refer to AfterCare Service Center (Yes/No)
- * Refer to next Phase 2 Mission (Yes/No)

* **4. FINAL QUALITY CONTROL (Phase 3)**

- * When wearing your hearing aid(s) how satisfied are you with your hearing? (Unsatisfied/Uncertain/Satisfied - for 18+)
- * When wearing your hearing aid(s) do you ask people to repeat themselves or speak louder in conversation? (No/Sometimes/Yes - for 18+)
- * Patient Signature (or Parent/Guardian)
- * Notes from SHF
- * Current Fitting Information (Left Ear): Power, Level, Volume, Model, Battery (675, 13), Earmold

* Current Fitting Information (Right Ear): Power, Level, Volume, Model, Battery (675, 13), Earmold

SQL `CREATE TABLE` Statements (Separated by Phase, No ENUM)

1. `staff_accounts` Table (Provided by User)

```sql

```
CREATE TABLE staff_accounts (
 id INT AUTO_INCREMENT PRIMARY KEY,
 staff_id VARCHAR(50) UNIQUE NOT NULL,
 first_name VARCHAR(100) NOT NULL,
 last_name VARCHAR(100) NOT NULL,
 email VARCHAR(150) UNIQUE NOT NULL,
 phone VARCHAR(20),
 username VARCHAR(50) UNIQUE NOT NULL,
 password_hash VARCHAR(255) NOT NULL,
 role VARCHAR(50) NOT NULL,
 status VARCHAR(20) DEFAULT 'active',
 date_created TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
 date_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
 last_login TIMESTAMP NULL
);
```

---

#### \*\*Phase 1 Tables\*\*

##### \*\*`patients\_phase1\_registration` Table\*\*

```sql

```
CREATE TABLE patients_phase1_registration (
    patient_id INT AUTO_INCREMENT PRIMARY KEY,
    shf_id VARCHAR(50) UNIQUE NOT NULL,
    phase1_date DATE NOT NULL,
    phase1_city VARCHAR(100),
    surname VARCHAR(100) NOT NULL,
```

```

first_name VARCHAR(100) NOT NULL,
gender VARCHAR(10) NOT NULL, -- 'Male', 'Female'
dob DATE NOT NULL,
age INT,
mobile_number VARCHAR(20),
mobile_sms_consent BOOLEAN DEFAULT FALSE,
alternative_number VARCHAR(20),
alternative_sms_consent BOOLEAN DEFAULT FALSE,
has_hearing_loss VARCHAR(20), -- 'No', 'Undecided', 'Yes'
uses_sign_language VARCHAR(20), -- 'No', 'Undecided', 'Yes'
uses_speech VARCHAR(20), -- 'No', 'A little', 'Yes'
hearing_loss_cause VARCHAR(255), -- e.g., 'Medication', 'Ear Infection', 'Meningitis', etc.
experiences_ringing VARCHAR(20), -- 'No', 'A little', 'Yes'
has_ear_pain VARCHAR(20), -- 'No', 'A little', 'Yes'
employment_status VARCHAR(20), -- 'Employed', 'Self Employed', 'Not Employed'
education_level VARCHAR(20), -- 'None', 'Primary', 'Secondary', 'Post Secondary'
is_current_student BOOLEAN DEFAULT FALSE,
school_name VARCHAR(255),
school_phone_number VARCHAR(20),
date_created TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
date_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP
);
```

```

##### \*\*`phase1\_ear\_screening\_otoscopy` Table\*\*

```

```sql
CREATE TABLE phase1_ear_screening_otoscopy (
screening_id INT AUTO_INCREMENT PRIMARY KEY,
patient_id INT NOT NULL,
ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
wax BOOLEAN,
infection BOOLEAN,
perforation BOOLEAN,
tinnitus BOOLEAN,
atresia BOOLEAN,
implant BOOLEAN,

```

```
other_issue BOOLEAN,  
other_issue_description TEXT,  
medical_recommendation TEXT,  
medication_given VARCHAR(255), -- e.g., 'Antiseptic', 'Analgesic', etc.  
ears_clear_for_impressions BOOLEAN,  
comments TEXT,  
completed_by_staff_id VARCHAR(50),  
FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id),  
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)  
);  
...  
  
##### **`phase1_hearing_screening_results` Table**
```

```
```sql  
CREATE TABLE phase1_hearing_screening_results (
 screening_result_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 screening_method VARCHAR(50), -- 'WFA®', 'Voice Test', 'Audiogram'
 left_ear_result VARCHAR(10), -- 'Pass', 'Fail'
 right_ear_result VARCHAR(10), -- 'Pass', 'Fail'
 satisfaction_with_hearing_if_pass VARCHAR(20), -- 'Unsatisfied', 'Undecided', 'Satisfied' (for 18+)
 completed_by_staff_id VARCHAR(50),
 FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id),
 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
...

`phase1_ear_impressions` Table
```

```
```sql  
CREATE TABLE phase1_ear_impressions (  
    impression_id INT AUTO_INCREMENT PRIMARY KEY,  
    patient_id INT NOT NULL,  
    left_ear_impression_taken BOOLEAN,  
    right_ear_impression_taken BOOLEAN,  
    comments TEXT,
```

```
completed_by_staff_id VARCHAR(50),
FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id),
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

```

```
`phase1_counseling` Table
```

```
```sql
```

```
CREATE TABLE phase1_counseling (
counseling_id INT AUTO_INCREMENT PRIMARY KEY,
patient_id INT NOT NULL,
completed_counseling BOOLEAN,
received_aftercare_info BOOLEAN,
trained_as_student_ambassador BOOLEAN,
completed_by_staff_id VARCHAR(50),
FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id),
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

```

```
`phase1_final_quality_control` Table
```

```
```sql
```

```
CREATE TABLE phase1_final_quality_control (
qc_id INT AUTO_INCREMENT PRIMARY KEY,
patient_id INT NOT NULL,
ear_impressions_inspected_collected BOOLEAN,
shf_id_number_card_given BOOLEAN,
batteries_provided_13 INT DEFAULT 0,
batteries_provided_675 INT DEFAULT 0,
satisfaction_with_hearing VARCHAR(20), -- 'Unsatisfied', 'Undecided', 'Satisfied' (for 18+)
patient_signature_present BOOLEAN,
parent_guardian_signature_present BOOLEAN,
comments TEXT,
completed_by_staff_id VARCHAR(50),
FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id),
```

```
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
---
```

```
##### **`phase1_waiver_release` Table**
```

```
```sql
CREATE TABLE phase1_waiver_release (
 waiver_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 patient_name_print VARCHAR(255) NOT NULL,
 patient_signature_date DATE NOT NULL,
 parent_guardian_name_print VARCHAR(255),
 parent_guardian_signature_date DATE,
 parent_guardian_relation VARCHAR(100),
 FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id)
);

```

```
`phase1_media_release` Table
```

```
```sql
CREATE TABLE phase1_media_release (
    media_release_id INT AUTO_INCREMENT PRIMARY KEY,
    patient_id INT NOT NULL,
    declined_to_sign BOOLEAN DEFAULT FALSE,
    FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id)
);
---
```

```
---  
##### **Phase 2 Tables**
```

```
##### **`patients_phase2_registration` Table**
```

```
```sql
```

```

CREATE TABLE patients_phase2_registration (
 patient_id INT PRIMARY KEY, -- Links to patients_phase1_registration.patient_id or a new patient if
walk-in

 phase2_date DATE NOT NULL,
 phase2_city VARCHAR(100),
 patient_type VARCHAR(50), -- 'Registered Phase 1', 'Walk-in No Earmolds'
 completed_by_staff_id VARCHAR(50),
 date_created TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
 date_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
 FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id), -- Assuming Phase 2
patients are often from Phase 1

 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);

...

```

##### \*\*`phase2\_ear\_screening\_otoscopy` Table\*\*

```

```sql
CREATE TABLE phase2_ear_screening_otoscopy (
    screening_id INT AUTO_INCREMENT PRIMARY KEY,
    patient_id INT NOT NULL,
    ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
    wax BOOLEAN,
    infection BOOLEAN,
    perforation BOOLEAN,
    tinnitus BOOLEAN,
    atresia BOOLEAN,
    implant BOOLEAN,
    other_issue BOOLEAN,
    other_issue_description TEXT,
    medical_recommendation TEXT,
    medication_given VARCHAR(255), -- e.g., 'Antiseptic', 'Analgesic', etc.
    ears_clear_for_fitting BOOLEAN,
    comments TEXT,
    completed_by_staff_id VARCHAR(50),
    FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id),
    FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);

```

...

`phase2_hearing_screening_results` Table

```sql

```
CREATE TABLE phase2_hearing_screening_results (
 screening_result_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 screening_method VARCHAR(50), -- 'WFA®', 'Voice Test', 'Audiogram'
 left_ear_result VARCHAR(10), -- 'Pass', 'Fail'
 right_ear_result VARCHAR(10), -- 'Pass', 'Fail'
 satisfaction_with_hearing_if_pass VARCHAR(20), -- 'Unsatisfied', 'Undecided', 'Satisfied' (for 18+)
 completed_by_staff_id VARCHAR(50),
 FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id),
 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

...

##### \*\*`phase2\_hearing\_aid\_fitting` Table\*\*

```sql

```
CREATE TABLE phase2_hearing_aid_fitting (
    fitting_id INT AUTO_INCREMENT PRIMARY KEY,
    patient_id INT NOT NULL,
    fitter_name VARCHAR(100),
    num_hearing_aids_fit INT,
    special_device VARCHAR(50), -- 'Bone Conductor', 'Body Aid'
    reason_for_fewer_aids TEXT, -- 'No Response', 'Other', 'Normal Hearing', 'Distortion', 'Implant',
    'Recruitment'
    comments TEXT,
    patient_clear_for_counseling BOOLEAN,
    completed_by_staff_id VARCHAR(50),
    FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id),
    FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

...

```
##### **`phase2_fitting_results` Table**
```

```
```sql
```

```
CREATE TABLE phase2_fitting_results (
 result_id INT AUTO_INCREMENT PRIMARY KEY,
 fitting_id INT NOT NULL,
 ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
 power_level VARCHAR(50),
 volume VARCHAR(50),
 battery_type VARCHAR(10), -- '13', '675'
 earmold_type VARCHAR(100),
 FOREIGN KEY (fitting_id) REFERENCES phase2_hearing_aid_fitting(fitting_id)
);
```

```
```
```

```
##### **`phase2_counseling` Table**
```

```
```sql
```

```
CREATE TABLE phase2_counseling (
 counseling_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 completed_counseling BOOLEAN,
 received_aftercare_info BOOLEAN,
 trained_as_student_ambassador BOOLEAN,
 completed_by_staff_id VARCHAR(50),
 FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id),
 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

```
```
```

```
##### **`phase2_final_quality_control` Table**
```

```
```sql
```

```
CREATE TABLE phase2_final_quality_control (
 qc_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 batteries_provided_13 INT DEFAULT 0,
```

```
batteries_provided_675 INT DEFAULT 0,
satisfaction_with_hearing VARCHAR(20), -- 'Unsatisfied', 'Undecided', 'Satisfied' (for 18+)
patient_signature_present BOOLEAN,
parent_guardian_signature_present BOOLEAN,
comments TEXT,
completed_by_staff_id VARCHAR(50),
FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id),
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

## ##### \*\*`phase2\_waiver\_release` Table\*\*

```sql

```
CREATE TABLE phase2_waiver_release (
    waiver_id INT AUTO_INCREMENT PRIMARY KEY,
    patient_id INT NOT NULL,
    patient_name_print VARCHAR(255) NOT NULL,
    patient_signature_date DATE NOT NULL,
    parent_guardian_name_print VARCHAR(255),
    parent_guardian_signature_date DATE,
    parent_guardian_relation VARCHAR(100),
    FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id)
);
```

`phase2_media_release` Table

```sql

```
CREATE TABLE phase2_media_release (
 media_release_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 declined_to_sign BOOLEAN DEFAULT FALSE,
 FOREIGN KEY (patient_id) REFERENCES patients_phase2_registration(patient_id)
);
```

--

#### \*\*Phase 3 Tables\*\*

##### \*\*`patients\_phase3\_registration` Table\*\*

```sql

```
CREATE TABLE patients_phase3_registration (
    patient_id INT PRIMARY KEY, -- Links to patients_phase1_registration.patient_id or
    patients_phase2_registration.patient_id

    shf_id VARCHAR(50) NOT NULL,
    country VARCHAR(100),
    phase3_aftercare_city VARCHAR(100),
    phase3_date DATE NOT NULL,
    surname VARCHAR(100) NOT NULL,
    first_name VARCHAR(100) NOT NULL,
    gender VARCHAR(10) NOT NULL, -- 'Male', 'Female'
    dob DATE NOT NULL,
    age INT,
    mobile_phone_number VARCHAR(20),
    type_of_aftercare VARCHAR(50), -- '1st Call', '2nd Call', '3rd Call', 'Patient Unreachable'
    service_center_or_school_name VARCHAR(255),
    highest_level_education VARCHAR(20), -- 'None', 'Primary', 'Secondary', 'Post Secondary'
    return_visit_picking_up_items BOOLEAN,
    employment_status VARCHAR(20), -- 'Employed', 'Self-Employed', 'Not Employed'
    has_problem_with_aids_earmolds BOOLEAN,
    completed_by_staff_id VARCHAR(50),
    date_created TIMESTAMP DEFAULT CURRENT_TIMESTAMP,
    date_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
    FOREIGN KEY (patient_id) REFERENCES patients_phase1_registration(patient_id), -- Assuming
    patient_id is consistent across phases
    FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

`phase3_ear_screening_otoscopy` Table

```sql

```

CREATE TABLE phase3_ear_screening_otoscopy (
 screening_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
 wax BOOLEAN,
 infection BOOLEAN,
 perforation BOOLEAN,
 other_issue BOOLEAN,
 other_issue_description TEXT,
 medical_recommendation TEXT,
 medication_given VARCHAR(255), -- e.g., 'Antiseptic', 'Analgesic', etc.
 ears_clear_for_assessment BOOLEAN,
 comments TEXT,
 completed_by_staff_id VARCHAR(50),
 FOREIGN KEY (patient_id) REFERENCES patients_phase3_registration(patient_id),
 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);

```

```

`phase3_aftercare_evaluation` Table

```

```sql
CREATE TABLE phase3_aftercare_evaluation (
 evaluation_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
 ha_dead_or_broken BOOLEAN,
 ha_internal_feedback BOOLEAN,
 ha_power_change_needed BOOLEAN,
 ha_lost_or_stolen BOOLEAN,
 ha_no_problem BOOLEAN,
 em_discomfort_too_tight BOOLEAN,
 em_feedback_too_loose BOOLEAN,
 em_damaged_or_tubing_cracked BOOLEAN,
 em_lost_or_stolen BOOLEAN,
 em_no_problem BOOLEAN,
 completed_by_staff_id VARCHAR(50),

```

```
FOREIGN KEY (patient_id) REFERENCES patients_phase3_registration(patient_id),
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

```

```
##### **`phase3_aftercare_services_completed` Table**
```

```
```sql
```

```
CREATE TABLE phase3_aftercare_services_completed (
 service_id INT AUTO_INCREMENT PRIMARY KEY,
 patient_id INT NOT NULL,
 ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'
 ha_tested_wfa_demo BOOLEAN,
 ha_sent_for_repair_replacement BOOLEAN,
 ha_refit_new BOOLEAN,
 ha_not_benefiting BOOLEAN,
 em_retubed_unplugged BOOLEAN,
 em_modified BOOLEAN,
 em_fit_stock BOOLEAN,
 em_took_new_impression BOOLEAN,
 em_refit_custom BOOLEAN,
 counseling_provided BOOLEAN,
 batteries_provided_13 INT DEFAULT 0,
 batteries_provided_675 INT DEFAULT 0,
 refer_to_aftercare_center BOOLEAN,
 refer_to_next_phase2_mission BOOLEAN,
 completed_by_staff_id VARCHAR(50),
 FOREIGN KEY (patient_id) REFERENCES patients_phase3_registration(patient_id),
 FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
```

```

```
##### **`phase3_final_quality_control` Table**
```

```
```sql
```

```
CREATE TABLE phase3_final_quality_control (
 qc_id INT AUTO_INCREMENT PRIMARY KEY,
```

```
patient_id INT NOT NULL,
satisfaction_with_hearing VARCHAR(20), -- 'Unsatisfied', 'Undecided', 'Satisfied' (for 18+)
asks_to_repeat_or_speak_louder VARCHAR(20), -- 'No', 'Sometimes', 'Yes' (for 18+)
patient_signature_present BOOLEAN,
parent_guardian_signature_present BOOLEAN,
shf_notes TEXT,
completed_by_staff_id VARCHAR(50),
FOREIGN KEY (patient_id) REFERENCES patients_phase3_registration(patient_id),
FOREIGN KEY (completed_by_staff_id) REFERENCES staff_accounts(staff_id)
);
...
```

#### ##### \*\*`phase3\_current\_fitting\_info` Table\*\*

```
```sql  
CREATE TABLE phase3_current_fitting_info (  
    fitting_info_id INT AUTO_INCREMENT PRIMARY KEY,  
    patient_id INT NOT NULL,  
    ear_side VARCHAR(10) NOT NULL, -- 'Left', 'Right'  
    power VARCHAR(50),  
    level VARCHAR(50),  
    volume VARCHAR(50),  
    model VARCHAR(100),  
    battery_type VARCHAR(10), -- '13', '675'  
    earmold VARCHAR(100),  
    FOREIGN KEY (patient_id) REFERENCES patients_phase3_registration(patient_id)  
);  
...
```