

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/Undecided/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/Undecided/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/Undecided/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/Undecided/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/Undecided/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)
);
'''

```