

### 1. patients (Hastalar)

- patient\_id (PK, INT, AUTO\_INCREMENT)
  - first\_name (VARCHAR(50))
  - last\_name (VARCHAR(50))
  - birth\_date (DATE)
  - gender (VARCHAR(10))
  - phone (VARCHAR(20))
  - email (VARCHAR(100))
  - address (TEXT)
  - created\_at (DATETIME)
- 

### 2. appointments (Randevular)

- appointment\_id (PK, INT, AUTO\_INCREMENT)
  - patient\_id (FK, INT, references patients.patient\_id)
  - user\_id (FK, INT, references users.user\_id)
  - appointment\_date (DATETIME)
  - notes (TEXT)
  - status (ENUM: 'Planned', 'Completed', 'Cancelled')
- 

### 3. tests (İşitme Testleri)

- test\_id (PK, INT, AUTO\_INCREMENT)
  - patient\_id (FK, INT, references patients.patient\_id)
  - test\_type (VARCHAR(50))
  - test\_date (DATETIME)
  - results (TEXT / JSON)
  - comments (TEXT)
- 

### 4. devices (İşitme Cihazları)

- device\_id (PK, INT, AUTO\_INCREMENT)
  - brand (VARCHAR(50))
  - model (VARCHAR(50))
  - serial\_number (VARCHAR(100))
  - supplier\_id (FK, INT, references suppliers.supplier\_id)
  - stock\_status (ENUM: 'In Stock', 'On Trial', 'Sold', 'Returned')
-

## 5. device\_transactions (Cihaz İşlem Geçmişi)

- transaction\_id (PK, INT, AUTO\_INCREMENT)
  - device\_id (FK, INT, references devices.device\_id)
  - patient\_id (FK, INT, references patients.patient\_id)
  - transaction\_type (ENUM: 'Trial', 'Sold', 'Returned')
  - transaction\_date (DATETIME)
  - notes (TEXT)
- 

## 6. stock\_items (Sarf Malzemeler)

- item\_id (PK, INT, AUTO\_INCREMENT)
  - item\_name (VARCHAR(100))
  - quantity (INT)
  - critical\_level (INT)
- 

## 7. invoices (Faturalar)

- invoice\_id (PK, INT, AUTO\_INCREMENT)
  - patient\_id (FK, INT, references patients.patient\_id)
  - invoice\_date (DATETIME)
  - total\_amount (DECIMAL(10,2))
  - payment\_status (ENUM: 'Paid', 'Unpaid', 'Partially Paid')
- 

## 8. users (Kullanıcılar)

- user\_id (PK, INT, AUTO\_INCREMENT)
  - first\_name (VARCHAR(50))
  - last\_name (VARCHAR(50))
  - email (VARCHAR(100))
  - password\_hash (VARCHAR(255))
  - role (ENUM: 'Admin', 'Odyolog', 'Sekreter', 'Tekniker')
- 

## 9. suppliers (Tedarikçiler)

- supplier\_id (PK, INT, AUTO\_INCREMENT)
  - name (VARCHAR(100))
  - contact\_person (VARCHAR(100))
  - phone (VARCHAR(20))
  - email (VARCHAR(100))
  - address (TEXT)
- 

Tüm tablolar arası ilişkiler FOREIGN KEY ile tanımlanmıştır. İlgili alanlarda index kurulmalıdır. Zaman damgaları için created\_at, updated\_at alanları ileride genişletilebilir.