**Basic Database Design**

1. Users Table

* user\_id (PK) - Unique identifier for each user
* name - Full name of the user
* email - User's email (unique)
* password\_hash - Encrypted password
* phone\_number - Contact number
* role - Defines the role of the user (e.g., Patient, Therapist, Emergency Responder)
* created\_at - Timestamp of user creation
* updated\_at - Timestamp of last update

2. Emergency\_Contacts Table

* contact\_id (PK) - Unique identifier for each contact
* user\_id (FK) - References `Users.user\_id`
* contact\_name - Name of the emergency contact
* contact\_phone - Phone number of the emergency contact
* relationship - Relationship to the user (e.g., Parent, Friend)
* priority - Priority level for the contact (e.g., Primary, Secondary)
* created\_at - Timestamp of contact creation
* updated\_at - Timestamp of last update

3. Therapists Table

* therapist\_id (PK) - Unique identifier for each therapist
* name - Therapist’s name
* specialization - Specialization area (e.g., Depression, Anxiety)
* email - Contact email
* phone\_number - Contact phone number
* rating - Average rating based on user feedback
* experience\_years - Years of experience
* created\_at - Timestamp of creation
* updated\_at - Timestamp of last update

4. Sessions Table

* session\_id (PK) - Unique identifier for each session
* user\_id (FK) - References `Users.user\_id`
* therapist\_id (FK) - References `Therapists.therapist\_id`
* session\_date - Date of the session
* session\_duration - Duration of the session in minutes
* session\_notes - Notes taken during the session
* session\_type - Type of session (e.g., In-person, Virtual)
* status - Status of the session (e.g., Completed, Scheduled, Canceled)
* created\_at - Timestamp of session creation
* updated\_at - Timestamp of last update

5. Mental\_Health\_Resources Table

* resource\_id (PK) - Unique identifier for each resource
* title - Title of the resource
* description - Brief description of the resource
* url - URL link to the resource
* resource\_type - Type of resource (e.g., Video, Article, Workshop)
* created\_at - Timestamp of resource creation
* updated\_at - Timestamp of last update

6. Appointments Table

* appointment\_id (PK) - Unique identifier for each appointment
* user\_id (FK) - References `Users.user\_id`
* therapist\_id (FK) - References `Therapists.therapist\_id`
* appointment\_date - Date and time of the appointment
* status - Status of the appointment (e.g., Confirmed, Pending, Canceled)
* notes - Additional notes about the appointment
* created\_at - Timestamp of appointment creation
* updated\_at - Timestamp of last update

7. Feedback Table

* feedback\_id (PK) - Unique identifier for each feedback entry
* user\_id (FK) - References `Users.user\_id`
* therapist\_id (FK) - References `Therapists.therapist\_id`
* rating - Rating provided by the user (e.g., 1-5)
* comments - Comments or feedback provided by the user
* created\_at - Timestamp of feedback submission
* updated\_at - Timestamp of last update

8. Emergency\_Log Table

* log\_id (PK) - Unique identifier for each emergency log
* user\_id (FK) - References `Users.user\_id`
* contacted - Indicator if emergency contact was notified
* contacted\_date - Date of emergency contact notification
* notes - Details of the emergency situation
* response\_time - Time taken for response after notification
* created\_at - Timestamp of log creation
* updated\_at - Timestamp of last update