**Users Table**

Stores user (patient) and admin details.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| user\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| username | VARCHAR(50) | NOT NULL, UNIQUE |
| password | VARCHAR(255) | NOT NULL |
| email | VARCHAR(100) | NOT NULL, UNIQUE |
| role | ENUM('user', 'admin') | NOT NULL |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |

**UserProfile Table**

Stores user profile details including personal information, medical history, and health goals.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| profile\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| first\_name | VARCHAR(50) | NOT NULL |
| last\_name | VARCHAR(50) | NOT NULL |
| date\_of\_birth | DATE | NOT NULL |
| gender | ENUM('male', 'female', 'other') | NOT NULL |
| medical\_history | TEXT |  |
| health\_goals | TEXT |  |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |
| Membership Status | ENUM(regular , Premium) | DEFAULT REGULAR |

**Doctors Table**

Stores information about doctors.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| doctor\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| first\_name | VARCHAR(50) | NOT NULL |
| last\_name | VARCHAR(50) | NOT NULL |
| specialty | VARCHAR(100) | NOT NULL |
| contact\_info | VARCHAR(255) | NOT NULL |
| reviews | TEXT |  |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |
| Location | VARCHAR(255) | NOT NULL |

**HealthRecommendations Table**

Stores personalized health recommendations for users.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| recommendation\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| diet\_recommendations | TEXT | NOT NULL |
| exercise\_recommendations | TEXT | NOT NULL |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |

**HealthReports Table**

Stores uploaded health reports by users.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| report\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| report\_name | VARCHAR(255) | NOT NULL |
| report\_file | VARCHAR(255) | NOT NULL |
| Date | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |

**Appointments Table**

Stores appointment details between users and doctors.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| appointment\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| doctor\_id | INT | FOREIGN KEY REFERENCES Doctors(doctor\_id) |
| appointment\_date | DATETIME | NOT NULL |
| status | ENUM('scheduled',’Pending’ 'completed', 'cancelled') | NOT NULL |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |

**ExerciseReminders Table**

Stores exercise reminders for users.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| reminder\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| reminder\_time | TIME | NOT NULL |
| reminder\_message | TEXT | NOT NULL |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |
| updated\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP |

**Feedback Table**

Stores feedback from users about the website and services.

| **Column Name** | **Data Type** | **Constraints** |
| --- | --- | --- |
| feedback\_id | INT | PRIMARY KEY, AUTO\_INCREMENT |
| user\_id | INT | FOREIGN KEY REFERENCES Users(user\_id) |
| feedback\_text | TEXT | NOT NULL |
| created\_at | TIMESTAMP | DEFAULT CURRENT\_TIMESTAMP |