**Patient Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| patient\_id | INT | Unique identifier for each patient |
| first\_name | VARCHAR(50) | First name of the patient |
| last\_name | VARCHAR(50) | Last name of the patient |
| date\_of\_birth | DATE | Date of birth of the patient |
| gender | VARCHAR(10) | Gender of the patient |
| address | VARCHAR(100) | Address of the patient |
| phone\_number | VARCHAR(20) | Phone number of the patient |
| email | VARCHAR(100) | Email address of the patient |
| blood\_type | VARCHAR(10) | Blood type of the patient |
| medical\_history | VARCHAR(500) | Medical history of the patient |

**Doctor Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| doctor\_id | INT | Unique identifier for each doctor |
| first\_name | VARCHAR(50) | First name of the doctor |
| last\_name | VARCHAR(50) | Last name of the doctor |
| specialization | VARCHAR(100) | Specialization of the doctor |
| phone\_number | VARCHAR(20) | Phone number of the doctor |
| email | VARCHAR(100) | Email address of the doctor |
| address | VARCHAR(100) | Address of the doctor |

**Pharmacy Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| pharmacy\_id | INT | Unique identifier for each pharmacy |
| name | VARCHAR(100) | Name of the pharmacy |
| address | VARCHAR(100) | Address of the pharmacy |
| phone\_number | VARCHAR(20) | Phone number of the pharmacy |
| email | VARCHAR(100) | Email address of the pharmacy |

**Blood Bank Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| blood\_bank\_id | INT | Unique identifier for each blood bank |
| name | VARCHAR(100) | Name of the blood bank |
| address | VARCHAR(100) | Address of the blood bank |
| phone\_number | VARCHAR(20) | Phone number of the blood bank |
| email | VARCHAR(100) | Email address of the blood bank |

**Appointment Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| appointment\_id | INT | Unique identifier for each appointment |
| patient\_id | INT | Foreign key to the patient table |
| doctor\_id | INT | Foreign key to the doctor table |
| appointment\_date | DATETIME | Date and time of the appointment |
| status | VARCHAR(20) | Status of the appointment (e.g. scheduled, canceled, completed) |

**Billing Table**

| **Column Name** | **Data Type** | **Description** |
| --- | --- | --- |
| billing\_id | INT | Unique identifier for each billing |
| appointment\_id | INT | Foreign key to the appointment table |
| patient\_id | INT | Foreign key to the patient table |
| doctor\_id | INT | Foreign key to the doctor table |
| pharmacy\_id | INT | Foreign key to the pharmacy table |
| blood\_bank\_id | INT | Foreign key to the blood bank table |
| amount | DECIMAL(10,2) | Amount charged for the appointment |
| payment\_date | DATE | Date of the payment |