Conceptual Schema

Appointment (

id PK INT NOT NULL

patientid FK INT NOT NULL,

date TEXT NOT NULL

result TEXT NOT NULL

paid TEXT NOT NULL

)

AppointmentType (

appointmentid FK INT NOT NULL

typeid FK INT NOT NULL

)

Test Type (

id PK INT NOT NULL

code INT NOT NULL

name TEXT NOT NULL

desc TEXT NOT NULL

price INT NOT NULL

)

Patient (

id INT PK NOT NULL

name TEXT NOT NULL

studnum INT UNIQUE

dob TEXT NOT NULL

address TEXT NOT NULL

post TEXT NOT NULL

height INT NOT NULL

weight INT NOT NULL

);

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Validation Rules | Example Data |
| Appointment |  |  |  |
| id | INTEGER | PRIMARY KEY AUTO INCREMENTING | 12 |
| patientid | INTEGER | NOT NULL | 14 |
| date | TEXT | NOT NULL | 2021-11-12 |
| result | TEXT | NOT NULL | Positive |
| paid | INTEGER | NOT NULL | 0 |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Validation Rules | Example Data |
| AppointmentType |  |  |  |
| appointmentid | INTEGER | FOREIGN KEY NOT NULL | 17 |
| typeid | INTEGER | FOREIGN KEY NOT NULL | 42 |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Validation Rules | Example Data |
| Patient |  |  |  |
| Id | INTEGER | PRIMARY KEY AUTO INCREMENTING | 2 |
| name | TEXT | NOT NULL | Sam H |
| dob | TEXT | NOT NULL | 1999-11-12 |
| address | TEXT | NOT NULL | 17 Isaac Street, Bargara |
| post | TEXT | NOT NULL | 4670 |
| height | INTEGER | NOT NULL | 112 |
| weight | INTEGER | NOT NULL | 17 |

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Type | Validation Rules | Example Data |
| Type |  |  |  |
| id | INTEGER | PRIMARY KEY AUTO INCREMENTING | 4 |
| code | TEXT | NOT NULL | XRY |
| name | TEXT | NOT NULL | X-Ray |
| desc | TEXT | NOT NULL | X-Ray for patient |
| price | INTEGER | NOT NULL | 117 |