**Data Dictionary**

**Doctor Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Dr\_id | VARCHAR(10) | NO | PRIMARY KEY | NO | DOC 001 |
| Dr\_type | VARCHAR(30) | NO |  |  |  |

**Department Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| D\_Id | VARCHAR(10) | NO | PRIMARY KEY | NULL | DPT 001 |
| D\_name | VARCHAR(30) | NO |  |  |  |
| Location | VARCHAR(20) | NO |  |  |  |

**Staff**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| St\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | STF 001 |
| St\_name | VARCHAR(30) | NO |  |  |  |
| St\_type | VARCHAR(10) | NO |  |  |  |
| DOB | DATE | NO |  |  |  |
| Address | VARCHAR(50) | NO |  |  |  |
| Contact\_no | INTEGER | NO |  |  |  |
| Work\_shift | VARCHAR(50) | YES |  |  |  |
| Salary | DECIMAL(8,2) | NO |  |  |  |
| D\_id | VARCHAR(10) | NO | FOREIGN KEY |  | DPT 001 |

**Staff\_family**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| St\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | STF 001 |
| R\_name | VARCHAR(30) | NO | PRIMARY KEY | NULL |  |
| Address | VARCHAR(50) | NO |  |  |  |
| Relationship | VARCHAR(30) | NO |  |  |  |
| Contact\_no | INTEGER | NO |  |  |  |

**Nurse Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| N\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | NS 001 |
| Nurse\_type | VARCHAR(10) | NO |  |  |  |

**Ward\_boy**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| W\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | WD 001 |
| W\_type | VARCHAR(30) | NO |  |  |  |

**Room**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Room\_id | VARCHAR(10) | NO | PRIMARY KEY | NO | R 0001 |
| Room\_type | VARCHAR(10) | NO |  |  |  |
| D\_id | VARCHAR(10) | NO | FOREIGN KEY | NO | DPT 001 |
| Room\_Cost | INTEGER | NO |  |  |  |

**Nurse\_works\_In**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| N\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | NS 001 |
| Room\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | R 0001 |
| Working\_date | DATE | NO | PRIMARY KEY | NULL |  |
| Working\_time | VARCHAR(50) | YES |  |  |  |

**Wardboy\_works\_In**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| W\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | WD 001 |
| Room\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | R 0001 |
| Working\_date | DATE | NO | PRIMARY KEY | NULL |  |
| Working\_hour | VARCHAR(50) | YES |  |  |  |

**Bill Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Bill\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | B001 |
| Method | VARCHAR(30) | NO |  |  |  |
| B\_date | DATE | NO |  |  |  |
| Status | VARCHAR(25) | NO |  |  |  |

**Patient Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| P\_Id | VARCHAR(10) | NO | PRIMARY KEY | NULL | P050 |
| P\_Name | VARCHAR(15) | NO |  |  |  |
| Address | VARCHAR(25) | NO |  |  |  |
| DOB | DATE | NO |  |  |  |
| Blood\_group | VARCHAR(5) | NO |  |  |  |
| Disease\_details | VARCHAR(20) | NO |  |  |  |
| Gender | VARCHAR(20) | NO |  |  |  |
| Contact\_no | INTEGER | NO |  |  |  |
| Dr\_id | VARCHAR(10) | YES | FOREIGN KEY |  | DOC 001 |
| Room\_id | VARCHAR(10) | YES | FOREIGN KEY |  | R 0001 |
| Bill\_id | VARCHAR(10) | YES | FOREIGN KEY |  | B001 |

**In\_patient Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| In\_Pid | VARCHSAR(10) | NO | PRIMARY KEY | NULL |  |
| P\_id | VARCHAR(10) | NO | FOREIGN KEY | NULL | P050 |
| Arrival\_date | DATE | NO |  |  |  |
| Discharge\_date | DATE | YES |  |  |  |

**Out\_patient Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | KEY | Default | Ex |
| Out\_Pid | VARCHAR(10) | NULL | PRIMARY KEY | NO |  |
| P\_id | VARCHAR(10) | NO | FOREIGN KEY | NO | P050 |
| Out\_date | DATE | NO |  |  |  |

**Patient guardian Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| G\_name | VARCHAR(20) | NO | PRIMARY KEY | NULL |  |
| Relationship | VARCHAR() | NO |  |  |  |
| Contact\_no | INTEGER | NO |  |  |  |
| Address | VARCHAR(50) | NO |  |  |  |
| P\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY |  | P050 |

**Laboratory Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Lab\_Id | VARCHAR(10) | NO | PRIMARY KEY | NULL | Lab001 |
| Lab\_Name | VARCHAR(30) | NO |  |  |  |
| D\_id | VARCHAR(10) | NO | FOREIGN KEY |  | DPT 001 |

**Test Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Test\_Id | VARCHAR(10) | NO | PRIMARY KEY | NULL | TST001 |
| Test\_name | VARCHAR(30) | NO |  |  |  |
| Test\_cost | DECIMAL(8,2) | NO |  |  |  |
| Lab\_id | VARCHAR(10) | NO | FOREIGN KEY |  | Lab001 |

**Patient\_checks\_test Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| P\_id | VARCHAR(10) | NO | PRIMARY KEY,FOREIGN KEY | NULL | P050 |
| Test\_id | VARCHAR(10) | NO | PRIMARY KEY,FOREIGN KEY | NULL | TST001 |
| Test\_Date | DATE | NO |  |  |  |
| Result | VARCHAR(50) | YES |  |  |  |

**Medicine Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | TYPE | Null | Key | Default | Ex |
| Medicine\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | Med001 |
| Medicine\_name | VARCHAR(30) | NO |  |  |  |
| Medicine\_cost | DECIMAL(8,2) | NO |  |  |  |
| Mfd\_date | DATE | NO |  |  |  |
| Exp\_date | DATE | NO |  |  |  |
| Stock\_details | INTEGER | NO |  |  |  |

**Patient Medicine Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| P\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | P050 |
| Medicine\_Id | VARCHAR(10) | NO | PRIMARY KEY,FOREIGN KEY |  | Med001 |
| dosage | VARCAHAR(10) | NO |  |  |  |
| P\_Med\_date | DATE | NO |  |  |  |

**Suppliers Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| S\_id | VARCHAR(10) | NO | PRIMARY KEY | NULL | Sup001 |
| S\_name | VARCHAR(25) | NO |  |  |  |
| Location | VARCHAR(30) | NO |  |  |  |

**Supplier\_Contact\_no Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| S\_id | VARCHAR(10 | NO | PRIMARY KEY, FOREIGN KEY | NULL | Sup001 |
| Contact\_no | INTEGER | NO | PRIMARY KEY | NULL | CON 01 |

**Medicine Supply Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| S\_id | VARCHAR(10) | NO | PRIMARY KEY FOREIGN KEY | NULL | Sup001 |
| Medicine\_Id | VARCHAR(10) | NO | PRIMARY KEY FOREIGN KEY | NULL | Med001 |
| Quantity | INTEGER | NO |  |  |  |
| S\_date | DATE | NO |  |  |  |

**Equipment Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Equip\_id | VARCHAR(8) | NO | PRIMARY KEY | NULL | EQ1700 |
| quantity | INTEGER | NO |  |  |  |
| Equip\_name | VARCHAR(15) | NO |  |  |  |

**Equip supply Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| S\_id | VARCHAR(10) | NO | PRIMARY KEY FOREIGN KEY | NULL | Sup001 |
| Equip\_id | VARCHAR(8) | NO | PRIMARY KEY FOREIGN KEY | NULL | EQ1700 |
| Equip\_cost | DECIMAL(8,2) | NO |  |  |  |
| Quantity | INTEGER | NO |  |  |  |

**Lab\_equipment Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| Lab\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | Lab001 |
| Equip\_id | VARCHAR(10) | NO | PRIMARY KEY ,FOREIGN KEY | NULL | EQ1700 |
| Quantity | INTEGER | NO |  |  |  |

**Patient\_treatment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field | Type | Null | Key | Default | Ex |
| P\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | P050 |
| Dr\_id | VARCHAR(10) | NO | PRIMARY KEY, FOREIGN KEY | NULL | DOC 001 |
| Treatments | VARCHAR(30) | NO |  |  |  |