|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Theatre | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
|  | address | TEXT | false |  |
|  | title | TEXT | false |  |
| CREATE TABLE 'Theatre'  (  'id' INT (11) NOT NULL AUTO\_INCREMENT,  'address' TEXT NOT NULL,  'title' TEXT NOT NULL,  PRIMARY KEY ('id') ) | | | | |
|  |  |  |  |  |
| Performance | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
|  | title | TEXT | false |  |
| FK | director | INT | false | Person |
| FK | theatre | INT | false | Theatre |
|  | duration | INT | false |  |
| CREATE TABLE 'Performance'  (  'id' INT (11) NOT NULL AUTO\_INCREMENT,  'title' TEXT NOT NULL,  'director' INT (11) NOT NULL,  'theatre' INT (11) NOT NULL,  'duration' INT (11) NOT NULL,  PRIMARY KEY ('id') ) | | | | |
|  |  |  |  |  |
| Show | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
| FK | performance | INT | false | Performance |
|  | date | DATETIME | false |  |
| CREATE TABLE 'Show'  (  'id' INT (11) NOT NULL AUTO\_INCREMENT,  'performance' INT (11) NOT NULL,  'date' DATETIME,  PRIMARY KEY ('id') ) | | | | |
| Place | | | | |
| key | name | type | nullable | table |
| PK | row | INT | false |  |
| PK | number | INT | false |  |
|  | type | ENUM ('stalls', 'balcony', 'dress circle') | false |  |
| FK | theatre | INT | false | Theatre |
|  | isFree | ENUM ('free', 'occupied') | true |  |
| CREATE TABLE 'Place'  (  'row' INT (11) NOT NULL,  'number' INT (11) NOT NULL,  'type' ENUM ('stalls', 'balcony', 'dress circle') NOT NULL,  'theatre' INT (11) NOT NULL,  'isFree' ENUM ('free', 'occupied'),  PRIMARY KEY ('row', 'number') ) | | | | |
| Person | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
|  | firstName | TEXT | false |  |
|  | lastName | TEXT | true |  |
| CREATE TABLE 'Person'  (  'id' INT (11) NOT NULL,  'firstName' TEXT NOT NULL,  'lastName' TEXT,  PRIMARY KEY ('id') ) | | | | |
| Role | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
| FK | actor | INT | false | Person |
| FK | performance | INT | false | Performance |
| CREATE TABLE 'Role'  (  'id' INT (11) NOT NULL,  'actor' INT (11) NOT NULL,  'performance' INT (11) NOT NULL,  PRIMARY KEY ('id') ) | | | | |
| Cost | | | | |
| key | name | type | nullable | table |
| PK | id | INT | false |  |
|  | type | ENUM ('stalls', 'balcony', 'dress circle') | false |  |
| FK | theatre | INT | false | Theatre |
|  | date | DATETIME | false |  |
| CREATE TABLE 'Cost'  (  'id' INT (11) NOT NULL,  'type' ENUM ('stalls', 'balcony', 'dress circle') NOT NULL,  'theatre' INT (11) NOT NULL,  date DATETIME NOT NULL,  PRIMARY KEY ('id') ) | | | | |