PHONE:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| PHONE\_ID | NUMBER (3,0) | PRIMARY KEY |
| PHONE | NUMBER | NOT NULL |

ADDRESS:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| ADD\_ID | NUMBER (3) | PRIMARY KEY |
| HOUSE\_NO | NUMBER (3,0) | NOT NULL |
| STREET\_NO | NUMBER (4) | NOT NULL |
| COUNTRY | VARCHAR2(255) | DEFAULT ‘BANGLADESH’ |

ORPHANAGE:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| REG\_NO | NUMBER (6,0) | PRIMARY KEY |
| E\_DATE | DATE | NOT NULL |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |

DONOR:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| D\_ID | NUMBER (3) | PRIMARY KEY |
| D\_NAME | VARCHAR2(220) | DEFAULT ‘NAME HIDDEN’ |
| REG\_NO | NUMBER (6,0) | FOREIGN KEY FROM ‘ORPHANGE’ TABLE |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

DONORINFO:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| D\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘DONOR’ TABLE |
| DO\_TYPE | VARCHAR2(255) | ONLY ‘CASH’,’CHECK’, ‘BKASH’ ALLOWED |
| DO\_AMOUNT | NUMBER(10,3) | NOT NULL; |
| FIRST\_DATE | DATE | NOTNULL |

DOCTOR:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| DOC\_ID | NUMBER (4) | PRIMARY KEY |
| DOC\_NAME | VARCHAR2 (300) |  |
| JOINDATE | DATE |  |
| SALARY | INT |  |
| REG\_NO | NUMBER (6,0) | DEFAULT ‘123456’ |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

SCHOOL:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| EIIN\_NO | NUMBER (6) | PRIMARY KEY |
| SCH\_NAME | VARCHAR2 (300) |  |
| REG\_NO | NUMBER (6,0) | FOREIGN KEY FROM ‘ORPHANGE’ TABLE |

O\_COLLECTOR:

|  |  |  |
| --- | --- | --- |
| Column Name | Data Type | Constraint |
| C\_ID | NUMBER (6,0) | PRIMARY KEY |
| C\_NAME | VARCHAR2 (300) | NOT NULL |
| TOTAL\_COLLECTION | INT |  |
| SALARY | NUMBER (7,0) | NOT NULL |
| C\_AGE | NUMBER (3) |  |
| M\_ID | NUMBER (5,0) | Foreign Key From ‘MANAGER’ Table |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

ADOPTER:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| A\_ID | NUMBER (6) | PRIMARY KEY |
| A\_NAME | VARCHAR2(300) | NOT NULL |
| A\_AGE | NUMBER (3) | CHECK A\_AGE > 18 |
| NID\_NO | VARCHAR2(300) | NOT NULL |
| EMAIL | VARCHAR2(300) | NOT NULL |
| FINANCIAL\_CONDITION | INT | CHECK FINANCIAL\_CONDITION > 100000 |
| ADOPTION\_DATE | DATE | ADOPTION\_DATE > ’01-JAN-2122’ |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

TEACHER:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| T\_ID | NUMBER (6) | PRIMARY KEY |
| T\_NAME | VARCHAR2(300) | NOT NULL |
| SUBJECT | VARCHAR2(300) | NOT NULL |
| JOIN\_DATE | DATE | CHECK JOIN\_DATE >= ’01-JAN-2122’ |
| EIIN\_NO | NUMBER (6,0) | FOREIGN KEY FROM ‘SCHOOL’ TABLE |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

STAFF:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| S\_ID | NUMBER (6) | PRIMARY KEY |
| S\_NAME | VARCHAR2 (300) | NOT NULL |
| S\_AGE | NUMBER (3) |  |
| JOIN\_DATE | DATE | CHECK JOIN\_DATE >= ‘-1-JAN-2122’ |
| M\_ID | NUMBER (5,0) | FOREIGN KEY FROM ‘MANAGER’ TABLE |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |

STAFFINFO:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| S\_ID | NUMBER (6) | FOREIGN KEY FROM ‘STAFF’ TABLE |
| S\_POSITION | VARCHAR2(255) | DEFAULT ‘JUNIOR STAFF’ |
| SALARY | NUMBER (8,3) | NOT NULL |

ORPHAN:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| O\_ID | NUMBER (3) | PRIMARY KEY |
| O\_NAME | VARCHAR2 (255) | NOT NULL |
| B\_GROUP | VARCHAR2(255) | ONLY A+',' B+', 'A-', 'B-', 'AB+',' AB-', 'O+', 'O-' ALLOWED |
| GENDER | VARCHAR2 (255) | ONLY ‘MALE’, ‘FEMALE’, ‘OTHER’ ALLOWED |
| O\_AGE | NUMBER (2) | NOT NULL |
| REG\_NO | NUMBER (6,0) | DEFAULT ‘123456’ |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| DOC\_ID | NUMBER (5,0) | FOREIGN KEY FROM ‘DOCTOR’ TABLE |
| T\_ID | NUMBER (5,0) | FOREIGN KEY FROM ‘TEACHER’ TABLE |
| A\_ID | NUMBER (6,0) | FOREIGN KEY FROM ‘ADOPTER’ TABLE |
| S\_ID | NUMBER (6,0) | FOREIGN KEY FROM ‘STAFF’ TABLE |

ORPHANINFO:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| O\_ID | NUMBER (3) | FOREIGN KEY FROM ‘ORPHANTABLE’ TABLE |
| C\_DATE | DATE | CHECK C\_DATE >= ’01-JAN-2122’ |
| COLLECTED\_FROM | VARCHAR2 (255) | NOT NULL |
| COLLECTOR | VARCHAR2(255) | NOT NULL |

MANAGER:

|  |  |  |
| --- | --- | --- |
| COLUMN NAME | DATA TYPE | CONSTRAINT |
| M\_ID | NUMBER (5,0) | PRIMARY KEY |
| M\_NAME | VARCHAR2 (500) | NOT NULL |
| M\_AGE | NUMBER |  |
| SALARY | NUMBER |  |
| REG\_NO | NUMBER (6,0) | DEFAULT ‘123456’ |
| ADD\_ID | NUMBER (3,0) | FOREIGN KEY FROM ‘ADDRESS’ TABLE |
| PHONE\_ID | NUMBER (4,0) | FOREIGN KEY FROM ‘PHONES’ TABLE |