|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 01  TABLE : ROLE  PRIMARY KEY : ROLE\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | ROLE\_ID | INT | 4 | PRIMARY KEY (IDENTITY) | AUTO INCREMENT UNIQUE RECORD IDENTIFIER |
| 2 | ROLE\_NAME | VARCHAR | 20 | NOT NULL | ROLE (USER TYPE) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 02  TABLE : LOGIN  PRIMARY KEY : USED\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | USER\_ID | INT | 4 | PRIMARY KEY (IDENTITY) | AUTO INCREMENT UNIQUE RECORD IDENTIFIER |
| 2 | ROLE\_ID | INT | 4 | FOREIGN KEY | ROLE (ROLE\_ID) REFERENCE |
|  | USER\_EMAIL | VARCHAR | 100 | NOT NULL, UNIQUE | USER’S EMAIL |
|  | USER\_PASS | VARCHAR | 40 | NOT NULL | HASH SALT PASSWORD |
|  | QUESTION | VARCHAR | 50 | NOT NULL | SECURITY QUESTION |
|  | ANSWER | VARCHAR | 50 | NOT NULL | SECURITY ANSWER TO RECOVER PASSWORD |
|  | DATE\_CREATED | DATETIME | 8 | NOT NULL | DATE ON WHICH ACCOUNT IS CREATED |
|  | DATE\_LAST\_LOGIN | DATETIME | 8 | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 03  TABLE : COUNTRY  PRIMARY KEY : COUNTRY\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | COUNTRY\_ID | INT | 4 | PRIMARY KEY (IDENTITY) | AUTO INCREMENT UNIQUE RECORD IDENTIFIER |
| 2 | COUNTRY\_NAME | VARCHAR | 50 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 04  TABLE : STATE  PRIMARY KEY : STATE\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | STATE\_ID | INT | 4 | PRIMARY KEY (IDENTITY) | AUTO INCREMENT UNIQUE RECORD IDENTIFIER |
| 2 | STATE\_NAME | VARCHAR | 50 | NOT NULL |  |
|  | COUNTRY\_ID | INT | 4 | FOREIGN KEY | COUNTRY( COUNTRY\_ID) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 05  TABLE : CITY  PRIMARY KEY : CITY\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | CITY\_ID | INT | 4 | PRIMARY KEY (IDENTITY) | AUTO INCREMENT UNIQUE RECORD IDENTIFIER |
| 2 | CITY\_NAME | VARCHAR | 50 | NOT NULL |  |
|  | STATE\_ID | INT | 4 | FOREIGN KEY | STATE( STATE\_ID) |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 06  TABLE : BRANCH  PRIMARY KEY : BRANCH\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | BRANCH\_ID | INT | 4 | PRIMARY KEY (IDENTITY) & FOREIGN KEY | UNIQUE RECORD IDENTIFIER AND REFERENCE FROM LOGIN(USER\_ID) |
|  | BRANCH\_NAME | VARCHAR | 100 | NOT NULL, UNIQUE |  |
|  | BRANCH\_ADDRESS | VARCHAR | 400 | NOT NULL | ADDRESS |
|  | CITY\_ID | INT | 4 | FOREIGN KEY |  |
|  | PHONE | VARCHAR | 15 | NOT NULL | LANDLINE |
|  | MOBILE | VARCHAR | 15 | NOT NULL | MOBILE |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 07  TABLE : EMPLOYEE  PRIMARY KEY : EMPLOYEE\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | EMPLOYEE\_ID | INT | 4 | PRIMARY KEY (IDENTITY) & FOREIGN KEY | UNIQUE RECORD IDENTIFIER AND REFERENCE FROM LOGIN(USER\_ID) |
|  | BRANCH\_ID | INT | 4 | FOREIGH KEY |  |
|  | NAME | VARCHAR | 100 | NOT NULL | FULL NAME |
|  | CITY\_ID | INT | 4 | FOREIGN KEY |  |
|  | ADDRESS | VARCHAR | 400 | NOT NULL | ADDRESS |
|  | MOBILE | VARCHAR | 15 | NOT NULL | MOBILE |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 08  TABLE : CUSTOMER  PRIMARY KEY : CUSTOMER\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | CUSTOMER\_ID | INT | 4 | PRIMARY KEY (IDENTITY) & FOREIGN KEY | UNIQUE RECORD IDENTIFIER AND REFERENCE FROM LOGIN(USER\_ID) |
|  | NAME | VARCHAR | 100 | NOT NULL | FULL NAME |
|  | CITY\_ID | INT | 4 | FOREIGN KEY |  |
|  | ADDRESS | VARCHAR | 400 | NOT NULL | ADDRESS |
|  | MOBILE | VARCHAR | 15 | NOT NULL | MOBILE |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 09  TABLE : CATEGORY  PRIMARY KEY : CATEGORY\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | CATEGORY\_ID | INT | 4 | PRIMARY KEY (IDENTITY | UNIQUE RECORD IDENTIFIER |
|  | CATEGORY\_NAME | VARCHAR | 100 | NOT NULL | CATEGORY |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 10  TABLE : UNIT  PRIMARY KEY : UNIT\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | UNIT\_ID | INT | 4 | PRIMARY KEY (IDENTITY | UNIQUE RECORD IDENTIFIER |
|  | UNIT\_NAME | VARCHAR | 100 | NOT NULL | CATEGORY |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 11  TABLE : PRODUCT  PRIMARY KEY : PRODUCT\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PRODUCT\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | PRODUCT\_NAME | VARCHAR | 100 | NOT NULL |  |
|  | CATEGORY\_ID | INT | 4 | FOREIGN KEY |  |
|  | PRODUCT\_DESC | VARCHAR | MAX | NOT NULL |  |
|  | UNIT\_ID | INT | 4 | FOREIGN KEY |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |
|  | IS\_AVAILABLE | BIT | 1 | NOT NULL | OUT OF STOCK |
|  | IS\_FEATURE | BIT | 1 | NOT NULL | FEATURED PRODUCT |
|  | REORDER\_LEVEL | DECIMAL | 18,3 | NOT NULL | RE-ORDER LEVEL |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 12  TABLE : PRODUCT\_IN  PRIMARY KEY : IN\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | IN\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | PRODUCT\_ID | INT | 4 | FOREIGN KEY |  |
|  | DATE\_ADDED | DATETIME | 8 | NOT NULL |  |
|  | QUANTITY | DECIMAL | 18,3 | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |
|  | PURCHASE\_RATE | DECIMAL | 18,2 | NOT NULL |  |
|  | SALE\_RATE | DECIMAL | 18,2 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 13  TABLE : BRANCH\_ORDER  PRIMARY KEY : ORDER\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | ORDER\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | BRANCH\_ID | INT | 4 | FOREIGN KEY |  |
|  | ORDER\_DATE | DATETIME | 8 | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |
|  | ORDER\_STATUS | INT | 4 | NOT NULL | ORDER STATUS – PENDING, CANCEL, ACCEPT ETC |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 14  TABLE : BRANCH\_ORDER\_DETAIL  PRIMARY KEY : DETAIL\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | DETAIL\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | ORDER\_ID | INT | 4 | FOREIGN KEY |  |
|  | PRODUCT\_ID | INT | 4 | FOREIGN KEY |  |
|  | ORDER\_QUANTITY | DECIMAL | 18,3 | NOT NULL |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 15  TABLE : BRANCH\_PRODUCT\_IN  PRIMARY KEY : BRANCH\_IN\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | BRANCH\_IN\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | DETAIL\_ID | INT | 4 | FOREIGN KEY |  |
|  | IN\_ID | INT | 4 | FOREIGN KEY |  |
|  | ISSUE\_QUANTITY | DECIMAL | 18,3 | NOT NULL |  |
|  | DISCOUNT\_RATE | INT | 4 | NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 16  TABLE : CUSTOMER\_ORDER  PRIMARY KEY : ORDER\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | ORDER\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | BRANCH\_ID | INT | 4 | FOREIGN KEY |  |
|  | ORDER\_DATE | DATETIME | 8 | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL | RECORD DELETED OR NOT |
|  | ORDER\_STATUS | INT | 4 | NOT NULL | ORDER STATUS – PENDING, CANCEL, ACCEPT ETC |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 17  TABLE : CUSTOMER\_ORDER\_DETAIL  PRIMARY KEY : DETAIL\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | DETAIL\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | ORDER\_ID | INT | 4 | FOREIGN KEY |  |
|  | IN\_ID | INT | 4 | FOREIGN KEY |  |
|  | QUANTITY | DECIMAL | 18,3 | NOT NULL |  |
|  | RATE | DECIMAL | 18,2 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 18  TABLE : SEARVICE  PRIMARY KEY : SERVICE\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | SERVICE\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | SERVICE\_NAME | VARCHAR | 100 | NOT NULL |  |
|  | SERVICE\_DESC | VARCHAR | MAX | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 19  TABLE : BRANCH\_SEARVICE  PRIMARY KEY : BRANCH\_SERVICE\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | BRANCH\_SERVICE\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | BRANCH\_ID | INT | 4 | FOREIGN KEY |  |
|  | SERVICE\_ID | INT | 4 | FOREIGN KEY |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 20  TABLE : CUSTOMER\_SERVICE\_REQUEST  PRIMARY KEY : REQUEST\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | REQUEST\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | CUSTOMER\_ID | INT | 4 | FOREIGN KEY |  |
|  | BRANCH\_SERVICE\_ID | INT | 4 | FOREIGN KEY |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL |  |
|  | REQUEST\_DATE | DATETIME | 8 | NOT NULL |  |
|  | REQUEST\_STAUTS | INT | 4 | NOT NULL | ACCEPT, PENDING, CLOSE,CANCEL ETC |
|  | REQUEST\_PROCESS\_DATE | DATETIME | 8 | NULL |  |
|  | RECEIVE\_PAYMENT | BIT | 1 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 21  TABLE : CUSTOMER\_SERVICE\_VISIT  PRIMARY KEY : REQUEST\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | VISIT\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | REQUEST\_ID | INT | 4 | FOREIGN KEY |  |
|  | VISIT\_DATE | DATETIME | 8 | NOT NULL |  |
|  | EMPLOYEE\_ID | INT | 4 | FOREIGN KEY | EMPLOYEE |
|  | IS\_VISITED | BIT | 1 | NOT NULL |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 22  TABLE : CUSTOMER\_SERVICE\_PAYMENT  PRIMARY KEY : PAYMENT\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PAYMENT\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | REQUEST\_ID | INT | 4 | FOREIGN KEY |  |
|  | PAY\_DATE | DATETIME | 8 | NOT NULL |  |
|  | AMOUNT | DECIMAL | 18,2 | NUT NULL |  |
|  | PAY\_DESCRIPTION | VARCHAR | 100 | NOT NULL |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 23  TABLE : CUSTOMER\_ORDER\_PAYMENT  PRIMARY KEY : PAYMENT\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PAYMENT\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | ORDER\_ID | INT | 4 | FOREIGN KEY |  |
|  | PAY\_DATE | DATETIME | 8 | NOT NULL |  |
|  | AMOUNT | DECIMAL | 18,2 | NUT NULL |  |
|  | PAY\_DESCRIPTION | VARCHAR | 100 | NOT NULL |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 24  TABLE : SPA\_PROGRAM  PRIMARY KEY : PROGRAM\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PROGRAM\_ID | INT | 4 | PRIMARY KEY | UNIQUE RECORD IDENTIFIER |
|  | PROGRAM\_TITLE | VARCHAR | 100 | NOT NULL |  |
|  | PROGRAM\_DESC | VARCHAR | MAX | NOT NULL |  |
|  | START\_DATE | DATETIME | 8 | NOT NULL |  |
|  | END\_DATE | DATETIME | 8 | NOT NULL |  |
|  | IS\_DELETED | BIT | 1 | NOT NULL |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 25  TABLE : SPA\_BRANCH\_PROGRAM  PRIMARY KEY : PROGRAM\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PROGRAM\_ID | INT | 4 | PRIMARY KEY ( PROGRAM\_ID + BRANCH\_ID)  FOREIGN KEY |  |
|  | BRANCH\_ID | INT | 4 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 26  TABLE : SPA\_JOIN\_PROGRAM  PRIMARY KEY : PROGRAM\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | JOIN\_ID | INT | 4 | PRIMARY KEY |  |
|  | PROGRAM\_ID | INT | 4 | FOREIGN KEY |  |
|  | BRANCH\_ID | INT | 4 | FOREIGN KEY |  |
|  | CUSTOMER\_ID | INT | 4 | FOREIGN KEY |  |
|  | JOIN\_DATE | DATETIME | 8 | NOT NULL |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SR # : 27  TABLE : SPA\_JOIN\_PAYMENT  PRIMARY KEY : PROGRAM\_ID | | | | | |
| # | FIELD | TYPE | SIZE (BYTES) | CONSTRAINTS | DESCRIPTION |
| 1 | PAYMENT\_ID | INT | 4 | PRIMARY KEY |  |
|  | JOIN\_ID | INT | 4 | FOREIGN KEY |  |
|  | PAYMENT\_DATE | DATETIME | 8 | NOT NULL |  |
|  | AMOUNT | DECIMAL | 18,2 | NOT NULL |  |
|  | PAYMENT\_DESC | VARCHAR | 50 | NOT NULL |  |
|  |  |  |  |  |  |