Inventory Mgmt Database tables

ITEM

|  |  |  |
| --- | --- | --- |
| Column |  |  |
| ITEM\_ID | INTEGER | PRIMARY\_KEY |
| NAME | VARCHAR(50) |  |
| DESC | VARCHAR(200) |  |

ITEM\_ATTRIBUTE

|  |  |  |
| --- | --- | --- |
| ATTR\_ID | INTEGER | PRIMARY\_KEY |
| ATTR\_NAME | VARCHAR(30) |  |

ITEM\_ATTRIBUTE\_VALUES

|  |  |  |
| --- | --- | --- |
| ATTR\_VALUE\_ID | INTEGER |  |
| ATTR\_VALUE | VARCHAR(20) |  |

ITEM\_ATTR\_MAPPING

|  |  |  |
| --- | --- | --- |
| ITEM\_ID | INTEGER |  |
| ATTR\_ID | INTEGER |  |
| ATTR\_VALUE\_ID | INTEGER |  |

LOCATION

|  |  |  |
| --- | --- | --- |
| ID | INTEGER | PRIMARY\_KEY |
| LOCATION\_NAME | VARCHAR(50) |  |

INVENTORY

|  |  |  |  |
| --- | --- | --- | --- |
| INVENTORY\_CODE | VARCHAR |  | COMPOSITE\_PRIMARY\_KEY |
| LOCATION\_ID | INTEGER | FOREIGN\_KEY: LOCATION|ID |
| AVAILABLE\_QTY | INTEGER |  |  |
| UNUSABLE\_QTY | INTEGER |  |  |

USER\_DETAILS

|  |  |  |
| --- | --- | --- |
| ID | INTEGER | PRIMARY\_KEY |
| FIRSTNAME | VARCHAR(20) |  |
| MIDDLENAME | VARCHAR(20) |  |
| LASTNAME | VARCHAR(20) |  |
| CLASS\_NUMBER | VARCHAR(10) |  |
| AGENCY | VARCHAR(30) |  |
| GRADUATION\_DATE | TIMESTAMP |  |

STAFF\_DETAILS

|  |  |  |
| --- | --- | --- |
| ID | INTEGER | PRIMARY\_KEY |
| FIRSTNAME | VARCHAR(20) |  |
| MIDDLENAME | VARCHAR(20) |  |
| LASTNAME | VARCHAR(20) |  |
| DIVISION | VARCHAR(20) |  |
| OFFICE\_EXTENSION | VARCHAR(10) |  |

TRANSACTION\_TYPE

|  |  |  |
| --- | --- | --- |
| ID | INTEGER | PRIMARY\_KEY |
| TRANSACTION\_TYPE | VARCHAR(20) |  |
| LOCATION\_ID | INTEGER | FOREIGN\_KEY: LOCATION|ID |
| TRANSACTION\_ID\_DESCRIPTION | VARCHAR(100) |  |

TRANSACTION\_ITEM\_MAPPING

|  |  |  |
| --- | --- | --- |
| TRANSACTION\_ID | INTEGER | FOREIGN\_KEY: TRANSACTION\_TYPE|ID |
| ITEM\_ID | INTEGER | FOREIGN\_KEY: ITEM|ID |
| UI\_WEIGHT | INTEGER |  |

TRACE\_INVENTORY

|  |  |  |
| --- | --- | --- |
| ID | INTEGER |  |
| DTTM | TIMESTAMP |  |
| LOCATION\_ID | INTEGER | FOREIGN\_KEY: LOCATION|ID |
| INVENTORY\_CODE | INTEGER | FOREIGN\_KEY: INVENTORY|INVENTORY\_CODE |
| TRANSACTION\_TYPE\_ID | INTEGER | FOREIGN\_KEY: TRASACTION\_TYPE|ID |
| USER\_ID | INTEGER | FOREIGN\_KEY: USERDETAILS|ID |
| STAFF\_ID | INTEGER | FOREIGN\_KEY: STAFFDETAILS|ID |
|  |  |  |