1. **Assets Table**:

CREATE TABLE Assets (

AssetID INT PRIMARY KEY,

Description VARCHAR(255) NOT NULL,

PurchaseDate DATE,

Status ENUM('In Warehouse', 'Checked Out') DEFAULT 'In Warehouse'

);

Constraints:

* + - AssetID is the primary key.
    - Description cannot be null.
    - Status can only be ‘In Warehouse’ or ‘Checked Out’.

1. **Locations Table**:

CREATE TABLE Locations (

LocationID INT PRIMARY KEY,

Area VARCHAR(50) NOT NULL,

Shelf INT NOT NULL,

Zone CHAR(1) NOT NULL

);

Constraints:

* + - LocationID is the primary key.
    - Area, Shelf, and Zone cannot be null.

1. **Movements Table**:

CREATE TABLE Movements (

MovementID INT PRIMARY KEY,

Timestamp DATETIME NOT NULL,

AssetID INT NOT NULL,

FromLocationID INT NOT NULL,

ToLocationID INT NOT NULL,

FOREIGN KEY (AssetID) REFERENCES Assets(AssetID),

FOREIGN KEY (FromLocationID) REFERENCES Locations(LocationID),

FOREIGN KEY (ToLocationID) REFERENCES Locations(LocationID)

);

Constraints:

* + - MovementID is the primary key.
    - Timestamp cannot be null.
    - AssetID, FromLocationID, and ToLocationID are foreign keys referencing the respective tables.