**Warehouse**

1. Entity: Bay

- **Attributes**:
    - BayNumber (Primary Key)
    - Location
    - Height

2. Entity: Bin

- **Attributes**:
    - BinNumber
    - BayNumber
    - Size
    - MaxLoadedWeight

3. Entity: Fork Lift

- **Attributes**:
    - EquipmentNumber (Primary Key)
    - BayNumber (Foreign Key)
    - MaxCarryingWeight
    - PowerType

4. Entity: Item

- **Attributes**:
    - ItemNumber (Primary Key)
    - ItemWeight
    - ItemReceivedDate

5. Entity: BinItem

- **Attributes**:
    - ItemNumber (Foreign Key)
    - BayNumber (Foreign Key)
    - BinNumber (Foreign Key)
    - StorageDate