For the scenario below iden1fy the en11es, their a5ributes and appropriate keys

The Angel Warehouse

The Angel Warehouse stores items for its parent company. The warehouse is organised into bays, which are storage areas, but the items themselves are stored in bins. Each bay contains a number of bins. Each bay is iden1fied by a unique bay number and the bay loca1on and the height of the bay are recorded. Each bin has a different number within the bay, always star1ng with bin no. 1, and while some bays have only 5 bins some have over 50. The size of each bin is recorded.

Some bays have a parking spot for one fork liI to help move items round the warehouse and liI items into bins. Each fork liIft is allocated to a bay. Each fork liI has a unique equipment number and the maximum carrying weight of the fork liI needs to be known. Some fork liIs are petrol driven while some are electric. Type of fork liI

For all bins the maximum loaded weight must be known.

When an item is taken into the warehouse it is assigned a unique number and the date is recorded as well as the item weight. Bins can store a number of items and when an item is put in a par1cular bin this date is also recorded. Items can be moved back and forth between bays and bins to op1mise the warehouse storage.

1. Bay (entity)

   Attributes:

   - Bay Location
   - Height
   - Number of Bins
   - Parking Spot

   Key: Bay Number (as it is unique for each item)

2. Bin (entity)

   Attributes:

   - Size
   - Bay Number
   - Maximum Loaded Weight

   Key: Bin Number combined with Bay Number

3. Fork Lift (entity)

   Attributes:

   - Maximum Carrying Weight
   - Type (e.g., Petrol or Electric)
   - Bay Number

Key: Equipment Number

4. Item (entity)

Attributes:

- Date Received
- Weight

Key: Item Number