For the scenario below identify the entities, their attributes and appropriate keys

==entity==
==attribute==

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 identified by a unique ==bay number== and the ==bay location== and the ==height of the bay== are recorded. Each ==bin== has a different number within the bay, always starting with ==bin no. 1 [CAN BE PRIMARY KEY]==, 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 lift== to help move items around the warehouse and lift items into bins. Each ==fork lift== is allocated to a ==bay==. Each **fork lift** has a unique ==equipment number== and the ==maximum carrying weight== of the **fork lift** needs to be known. Some **fork lifts** are petrol-driven, while some are electric.

For all ==bins==, the ==maximum loaded weight== must be known.

When an ==item== is taken into the warehouse, it is assigned a unique ==item 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 particular **bin**, this **date** is also recorded. **Items** can be moved back and forth between **bays** and **bins** to optimise the warehouse storage.

Entities: Bay, Bin, Forklift, Item

Bay Attributes: Bay Number (Primary), Location, Height, Bin Number,

Bin Attributes: Bay Number (Foreign), Bin Number (Composite), Bin Size, Max Load Weight

Forklift attributes: Equipment Number (Primary), Bay Number (Foreign), Max Carry Weight, Type

Item attributes: Item Number (Primary), Bin Number (Foreign), Bay Number (Foreign), Date, Item Weight