Warehouse Answers

Bay - Entity

<u>Attributes</u>

BayNum - Primary Key - Used to identify each bay
LocationOfBay - Identify physical location of bay
BayH - Height of bay

Bin - Entity

<u>Attributes</u>

BinNum - Composite Key since multiple bays could have the same bin numbers so as well as the bin number being used the bay number must also be mentioned.
BinSize
MaximumLoad

Fork Lift - Entity

<u>Attributes</u>

EquipmentNumber - Primary Key - Unique identifier for each fork lift
MaximumForkLiftCarry - Maximum weight a fork lift can carry
ForkLiftType - Type of fork lift must be known
BayNum - Since a fork lift is allocated to a specific bay

Item - Entity

ItemNumber - Primary Key: Items given an identifier when they are stored in a bin
DateOfStorage - Used to know date item was stored in warehouse
ItemWeight - Used to identify weight of item

Storage - Entity

DateOfStorage - Date when items were stored in bin
Bin number - Foreign Key - Used to find which bin item is stored in.

Keys Used:

BayNum
BinNum
EquipmentNumber
ItemNumber