1.Bays(entity)

-Number of bins

-Bay number(primary key)

-bay location

-height

2.Bins(entity)

-bin number(primary key)

-bay number

-maximum loaded weight

-size

-number of items

3.Forklifts(entity

-equipment number(primary key)

-bay number

-max weight

-type of engine

4.Item(entity)

-item number(primary key)

-date of entry into warehouse

-weight

-date of entry into bin