

Entities:

Bay

Bin

Forklift

Item

1) Bay

Attributes:

Bay Number (Primary Key)

Bay Location

Height of the Bay

Number of Bins

Fork Lift Equipment Number (Foreign Key)

2) Bin

Attributes:

Bin Number (Primary Key)

Size of the Bin

Maximum Loaded Weight

Bay Number (Foreign Key)

3) Fork Lift

Attributes:

Equipment Number (Primary Key)

Maximum Carrying Weight

Type (Petrol or Electric)

Bay Number (Foreign Key)

4) Item

Attributes:

Item Number (Primary Key)

Date Received

Item Weight

Bin Number (Foreign Key)

Bay Number (Foreign Key)

Date Put in Bin