

Entity: Bay

Attributes: Number of bins, unique bay number, bay location, height of bay

Keys: unique bay number is the primary key

Entity: Bin

Attributes: bin number (starting with no.1), bin size, maximum loaded weight, unique bay number

Keys: bin number is the primary key, unique bay number is a foreign key

Entity: Fork lift

Attributes: unique bay number, unique equipment number, petrol or electric, maximum carrying weight

Keys: Unique equipment number is the primary key, unique bay number is a foreign key

Entity: Item

Attributes: Unique item number, date, item's weight, date of being put in bin, bin number

Keys: Unique item number is the primary key, bin number is a foreign key