

First Entity: Bay

The bay has these attributes:

- Bay Number
- Bay Location
- Bay Height

And each Bay will have:

- Multiple Bins
- 1 Fork Lift

Second Entity: Bin

The bin has these attributes:

- Bin Number
- Size
- Maximum Loaded Weight

And each Bin will have:

- One Bay
- Multiple Items

Third Entity: Fork Lift

The fork lift has these attributes:

- Equipment Number
- Maximum Carrying Number
- Fuel Type

And each fork lift will have:

- One Bay

Last Entity: Item

The item has these attributes:

- Item number
- Date Taken In
- Weight

And each Item will have:

- Can be assigned one bin