

Bay (Entity)

- Unique bay number-(Key)
- Bay location
- Height of bay
- Forklift Unique equipment number (foreign key)
- Number of bins

Bin (Entity) – Candidate key not determined

- Number within bay
- Size of Bin
- Maximum loaded weight
- Number of items stored
- Date item is stored

Forklift (Entity)

- Unique equipment number (Key)
- Maximum carrying weight
- Fuel Type

Item (Entity)

- Unique number(key)
- Date assigned
- Item weight

Example Queries:

1. Which item is the heaviest?
2. Which bay has the most bins?
3. Which fuel type is the most common for the forklifts?
4. What is the heaviest weight that a forklift can carry?
5. What is the tallest bay?