

1. Bay (Entity)

- Bay ID – BAY001 (Primary Key)
- Location – Area A
- Bay Height – 20 ft
- Forklift Spot – Available

2. Bin (Entity)

- Bin ID – BIN001 (Primary Key)
- Bay ID – BAY001 (Foreign Key to Bay)
- Bin Capacity – Large
- Max Load Weight – 500 kg

3. Forklift (Entity)

- Forklift ID – FL12345 (Primary Key)
- Assigned Bay – BAY001 (Foreign Key to Bay)
- Weight Capacity – 1500 kg
- Power Source – Electric

4. Item (Entity)

- Item ID – ITM67890 (Primary Key)
- Item Mass – 50 kg
- Arrival Date – 15th September 2023

5. Storage Record (Entity - Event Entity)

- Record ID – STR123 (Primary Key)
- Stored Item ID – ITM67890 (Foreign Key to Item)
- Stored Bin ID – BIN001 (Foreign Key to Bin)
- Stored Bay ID – BAY001 (Foreign Key to Bay)
- Date Stored – 16th September 2023
- Date Transferred – 1st October 2023 (if applicable, for tracking item relocations)