

Bay (Entity)

Num_of_bins - 3
Bay_ID – 1234 (primary key)
Bay_location -
Height – 2 meters

Bin (Entity)

Bin_ID – 0001 (Primary key)
Bin_size - 5
Max_load - 300
Bay_ID – 1234 (Foreign key)

ForkLift (Entity)

Bay_ID – 1234 (Foreign key)
Forklift_ID – 876 (Primary key)
Max_carry - 750
Engine_type - petrol

Item (Entity)

Item_ID – IT09 (Primary key)
Arrive_date – 06/10/2024
Item_weight – 1.7
Bin_date – 07/10/2024
Bin_ID – 0001 (Foreign key)
Bay_ID – 1234 (Foreign key)