DBMS Project
Realtime Stockpile Dashboard
Phase-1

Sem: 5th

Section: 'B'

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USER REQUIREMENTS

Real-Time Data Updates:

- Users expect real-time or near-real-time updates of stockpile data.

- Data should refresh automatically at predefined intervals or in response to real-time events.

User Authentication and Authorization:

- Implement user authentication to ensure that only authorized personnel can access the dashboard.

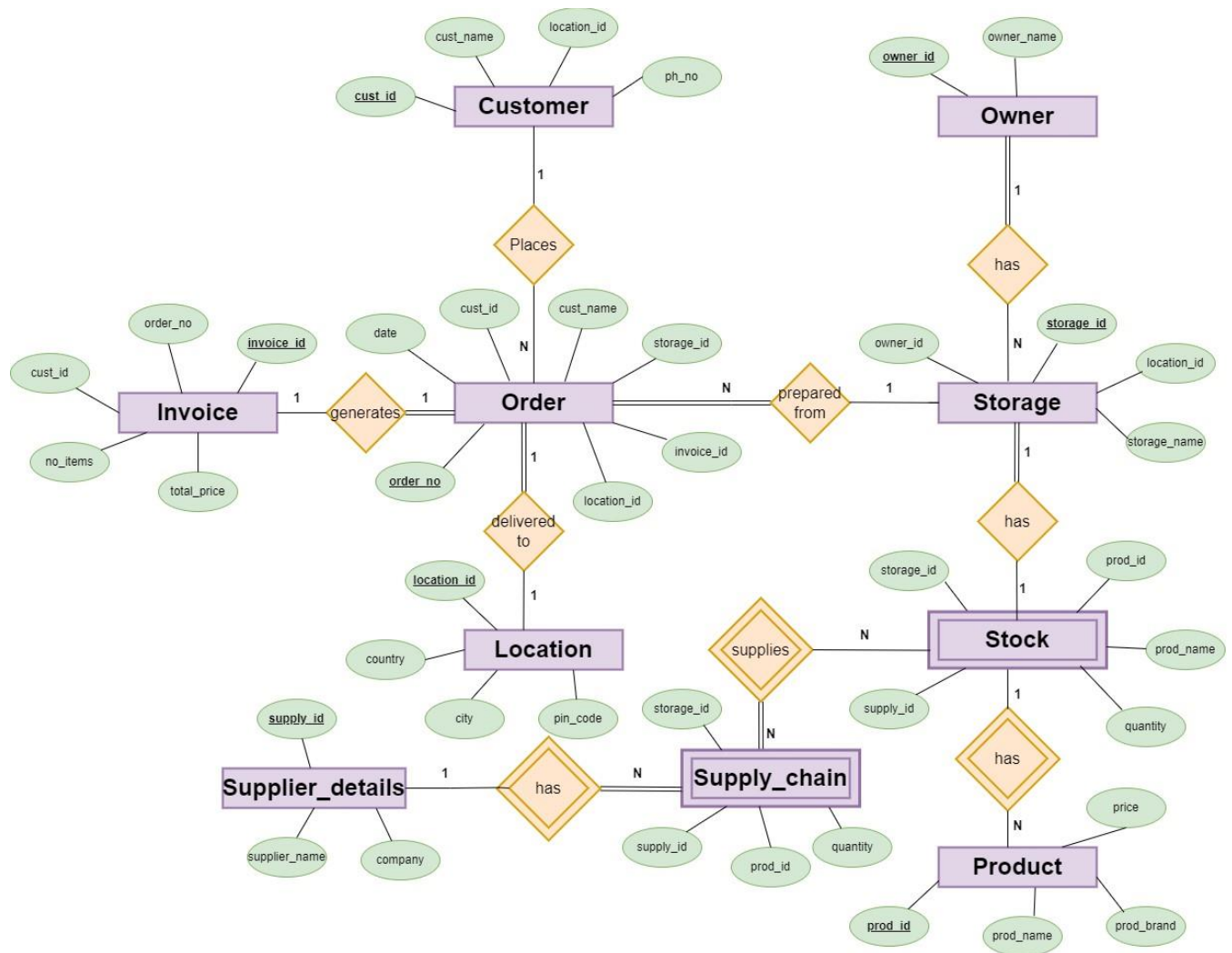- Define user roles and permissions to control access to specific features or data.

Search and Filter Functionality:

- Allow users to search for specific items or categories within the stockpile.

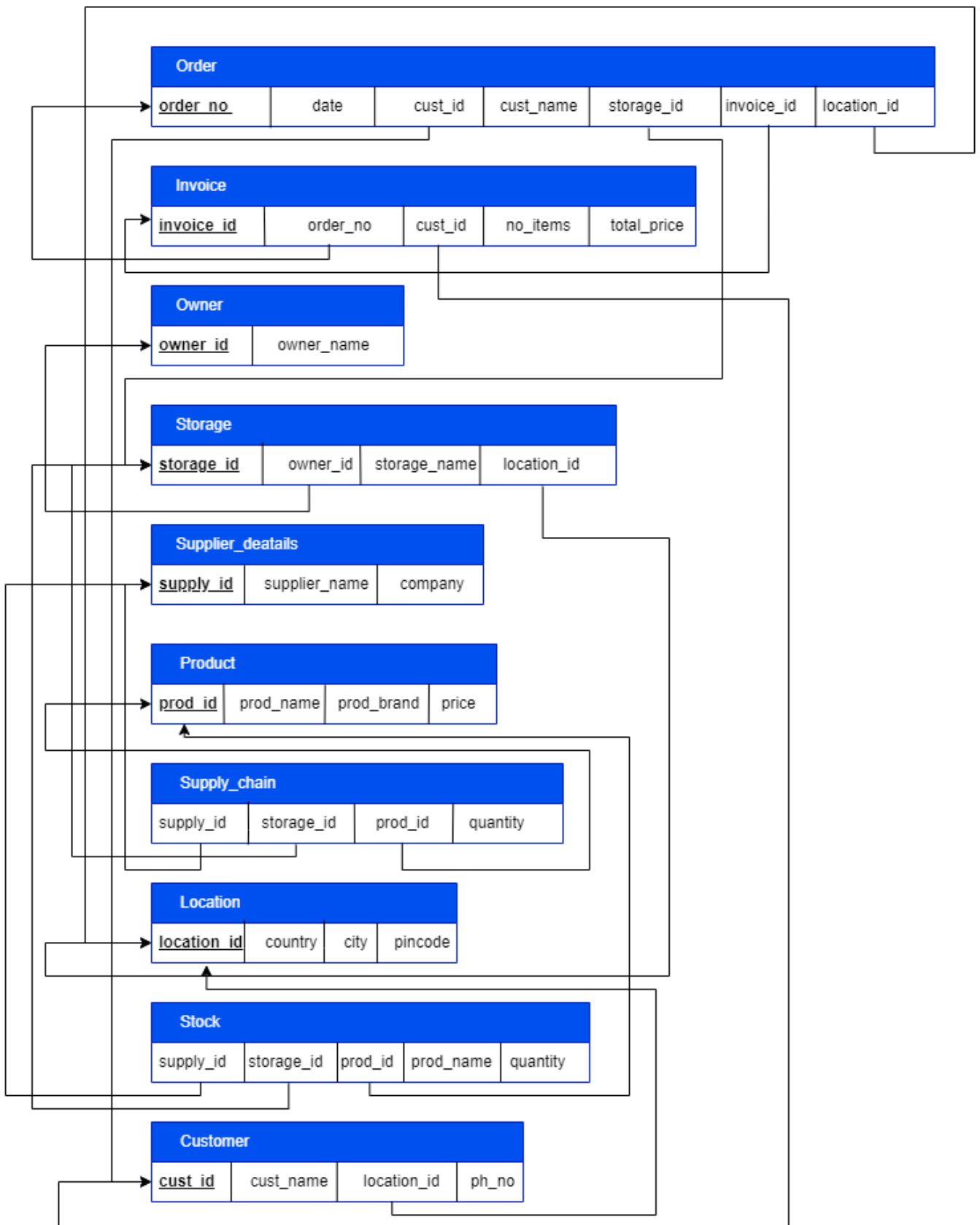- Implement filters for date ranges, location, or other relevant attributes.

User-Friendly Interface:

- Design an intuitive and user-friendly interface with clear navigation.

- Ensure responsive design for easy accessibility.

ER DIAGRAM

HORIZONTAL RELATIONAL SCHEMA

Order

order_no	date	cust_id	cust_name	storage_id	invoice_id	location_id

Invoice

invoice_id	order_no	cust_id	no_items	total_price

Owner

owner_id	owner_name

Storage

storage_id	owner_id	storage_name	location_id

Supplier_deatails

supply_id	supplier_name	company

Product

prod_id	prod_name	prod_brand	price

Supply_chain

supply_id	storage_id	prod_id	quantity

Location

location_id	country	city	pincode

Stock

supply_id	storage_id	prod_id	prod_name	quantity

Customer

cust_id	cust_name	location_id	ph_no

RELATIONAL SCHEMA