

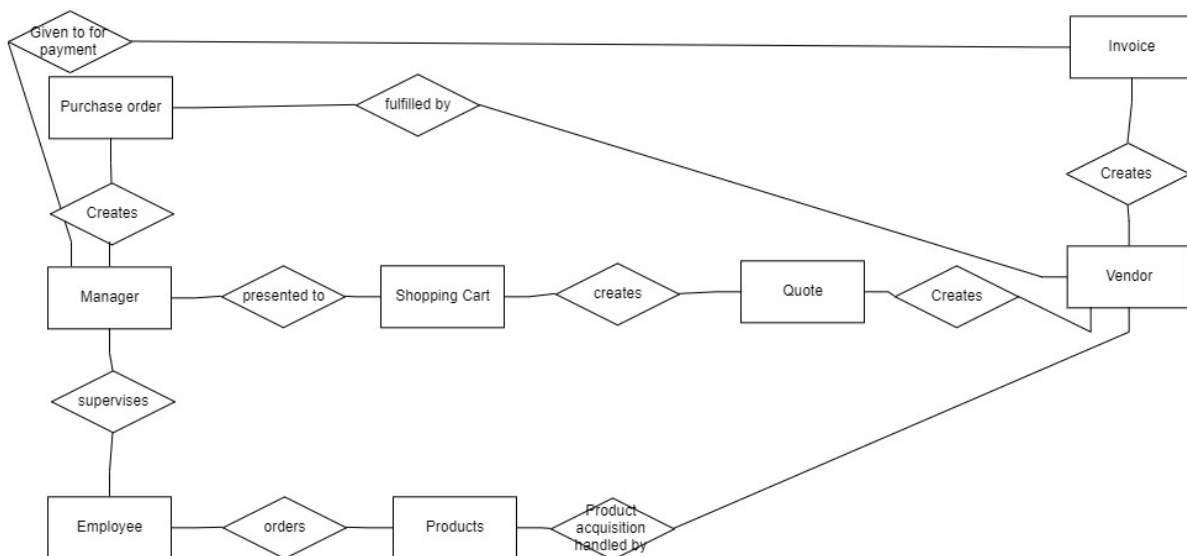
DBWS ASSIGNMENT II

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1st task:

Our client will be a company that required to manage its cost center. This company makes frequent purchases throughout a month, so it wants to keep track of the amounts needed to satisfy its demand for a certain product. Important for the company is also keeping track of the product's current location so tracking throughout the supply chain. Every purchase made with its respective information about incoming order, inventory and supplier will be filed. This in-department "inventory" system will have details about the product, SKU, supplier, and quantity. There will be other parties with whom the company will have contact, those are the suppliers. It is important that every purchase made will go through a hierarchy where the quotes will be approved by the managers on duty and the incoming invoices will be issued with the respective product identification codes as the payment will be waived only after the incoming order has reached the office.

2nd task:



3rd task:

1. The web application will have a dashboard where through a loading object the user will be kept updated about the adequate quantity level in possession and department's arriving shipment dates and next ordering date.
2. Alongside the dashboard there will be a tab dedicated to the MRP with all the needed details for the product.
3. Another tab will enable the purchasing process, where the user obtains quote from vendor, create a shopping cart with a specific number (might require SAP incorporation).
4. Before the purchasing is enabled the approval is needed from the manager.
5. Then the shopping cart becomes purchase order and the purchase order goes to vendor.
6. Vendor transfers the purchased product, meanwhile attaching an invoice with an identification number.
7. The company pays the vendor only after the product has been received.
8. The above three points will be contained in the vendor's tab.