Assignment 5

Team - ER Diagram

Team Members

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Champion Consultancy has determined the following entities for implementation of the cloud solution for Elite Art Products.

Employee : This entity captures the employee particulars of the Art store including personal information such as name, contact details as well as the particular store they are associated with. Employee has a direct relationship with the store it belongs to.

Store : This entity stores all relevant details pertaining to the store including storeID, location, manager. It has direct relationships with the entities supplier_order, cust_Account, invoice, products, inventory, and employee.

Customer: This entity captures personal information of the customer such as customer_name, address and contact details. It has direct relationships with Cust_order entities supplier_order, cust_Account, invoice, products, inventory, and employee.

Supplier: Supplier entity stores supplier information such as supplierID, supplier_name, supplier_location. It has a direct relationship with the Supplier_order entity.

Cust_Order: Cust_order captures information pertaining to the customer purchase including product, quantity, unit price. It has direct relationships with customer and invoice entities.

InvoiceIt: Invoice captures total amount and tax information as it pertains to the customer purchase. It has direct relationships with the entities payment, cust_order and store.

PaymentIt: Payment entity captures payment details pertaining to the customer purchase including type, total amount and status at a given store. It has a relationship with the particular invoice it is associated with.
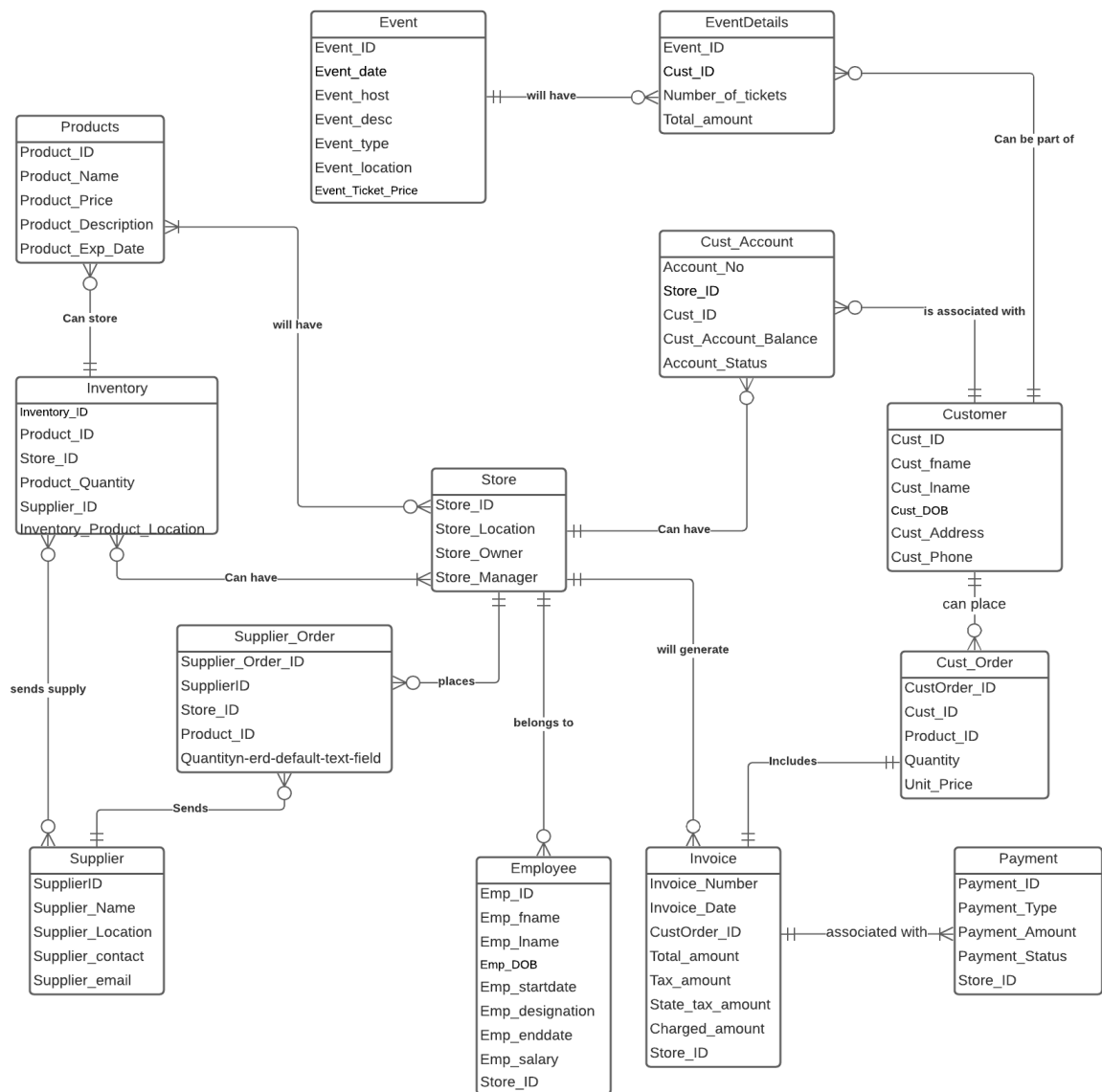
Products: Product entity stores product information such as product name, it's price and description. It has a direct relationship with the store it belongs to.

Cust_Account: Cust_Account entity captures details of a customer account at a given store. It has direct relationships with the entities store and customer.

Inventory: Inventory entity stores product, supplier and store information. It has a direct relationship with the store entity.

Event: Event entity captures event particulars such as eventID, event type, event description and event ticket price. It has direct relationships with the entities' customers and Store.

Event Details: Event details entity captures event details including attending customers, number of tickets for a given event and total amount. It has direct relationships with the entities' customers and events.

References:
https://lucid.app/lucidchart/1fee6e8b-50b0-413e-ad05-0d4c6720823e/edit?viewport_loc=-380%2C-2%2C2220%2C974%2C0_0&invitationId=inv_5c68f1f3-0da5-42dd-9cb7-142af07e794d