The New Staples

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Situation / Complication

Situation

As companies like Amazon experience great growth, The New Staples aims to expand its online presence and needs your help

Tasks to Complete

- Populate functional database with proper data and security
- Develop front-end application to interact with the Database

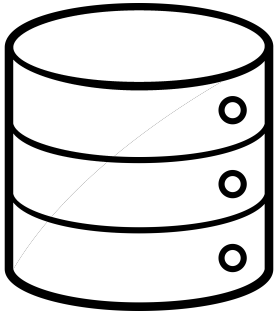
Stakeholders Involved

The database needs to fulfill functionality and security requirements for the following users:

Customers

Managers

DB Administrators

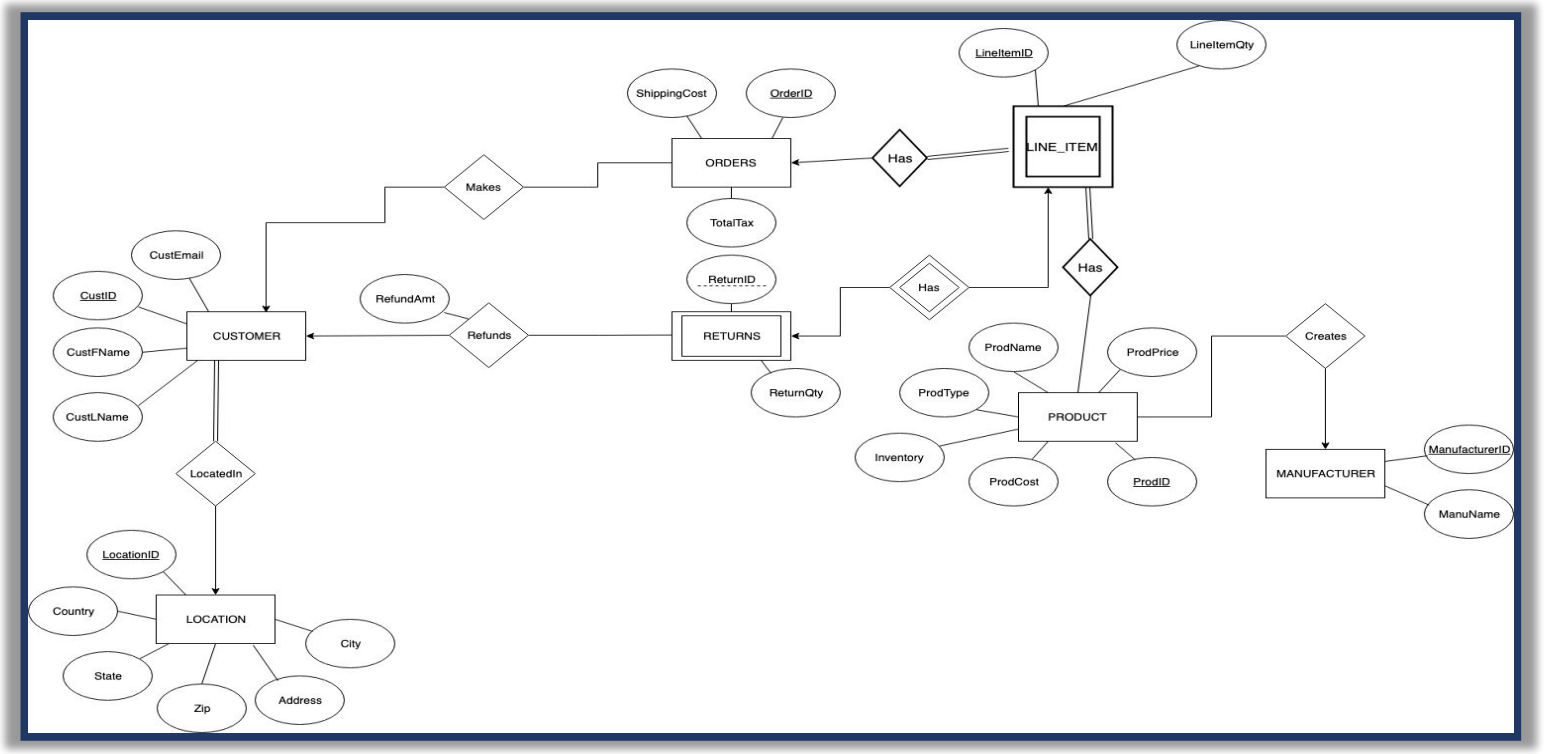


The Application has 5 Key Requirements

Requirements	Fulfilled
Secure to Use	RBAC security ✓
Customers can place Orders	Place Order Page ✓
Users can track history	Export CSV features ✓
Admin/Manager can track KPIs	Search Order Page ✓
Aesthetically Pleasing	Web Page Design ✓

Visualization of Database

Entity-Relationship Diagram of the Database



Demonstration of Application's Capabilities

Demo:

https://www.cs.virginia.edu/~jl9qc/DBconn/index.php

Questions?