**Business Scenario:**

Newfie Nook, an ecommerce platform, prides itself on championing the rich culture and craftsmanship of Newfoundland and Labrador. By offering a carefully curated selection of products, ranging from iconic local treats to unique artisanal creations, Newfie Nook celebrates the essence of the region. Vendors, representing Newfoundlanders and Labradorians, have control over the products they list and receive timely notifications for sales. The platform fosters a seamless shopping experience for customers, who are required to create accounts to make purchases. Each product is tied to a specific vendor, ensuring a direct connection between creators and consumers. Customers can effortlessly add products to their carts and proceed to checkout, while vendors have the capability to manage their listings, update inventory, and monitor sales performance through dedicated accounts. With a commitment to secure payment processing and prompt order fulfillment, Newfie Nook promotes local craftsmanship, supports NL artisans, and provides exceptional customer support services to enrich the overall shopping journey for users.

**Entities for Database Creation:**

* Products:
  + Attributes: Product ID, Product Name, Description, Price, Image, Category, Vendor ID
  + Description: Represents the products available for purchase on the platform. Includes both NL treats (e.g., Purity Products, Pineapple Crush, Caramel Logs) and artisanal creations (e.g., handcrafted sea glass jewelry, traditional knitwear).
* Customers:
  + Attributes: Customer ID, First Name, Last Name, Email, Address, City, Province, Postal Code, Phone Number
  + Description: Represents individuals who create accounts on the platform to make purchases. Stores customer information for order processing and communication purposes.
* Customer Accounts:
  + Attributes: Account ID, Customer ID, Username, Password, Payment Information
  + Description: Stores login credentials and links customers to their accounts, enabling them to access personalized features and track their order history.
* Vendors:
  + Attributes: Vendor ID, Vendor Name, Email, Address, Phone Number
  + Description: Represents the artisans and businesses from Newfoundland and Labrador who supply products to Newfie Nook. Stores vendor information for inventory management and communication purposes.
* Vendor Accounts:
  + Attributes: Account ID, Vendor ID, Username, Password
  + Description: Stores login credentials for vendors, allowing them to manage their product listings, update inventory, and track sales performance.
* Vendor Bio Info:
  + Attributes: Vendor ID, Vendor Name, Vendor Description, Vendor Contact Information, Vendor Social Media Addresses, Vendor Website Information
* Order Information:
  + Attributes: Invoice ID, Date, Product IDs, Product Name, Product Prices, Vendor ID, Vendor Name, Customer ID, Customer Name, Customer Address, Shipping Information

Business Rules:

1. Customers must create an account to make purchases on Newfie Nook.
2. Each product is associated with a specific vendor who supplies it.
3. Customers can add products to their shopping cart and proceed to checkout for payment.
4. Vendors can manage their product listings, update inventory levels, and view sales reports through their vendor accounts.
5. Newfie Nook ensures secure payment processing and timely delivery of orders to customers.
6. The platform promotes local craftsmanship and supports NL artisans by showcasing their products to a wider audience.
7. Newfie Nook provides customer support services to address inquiries, resolve issues, and enhance the shopping experience for users.