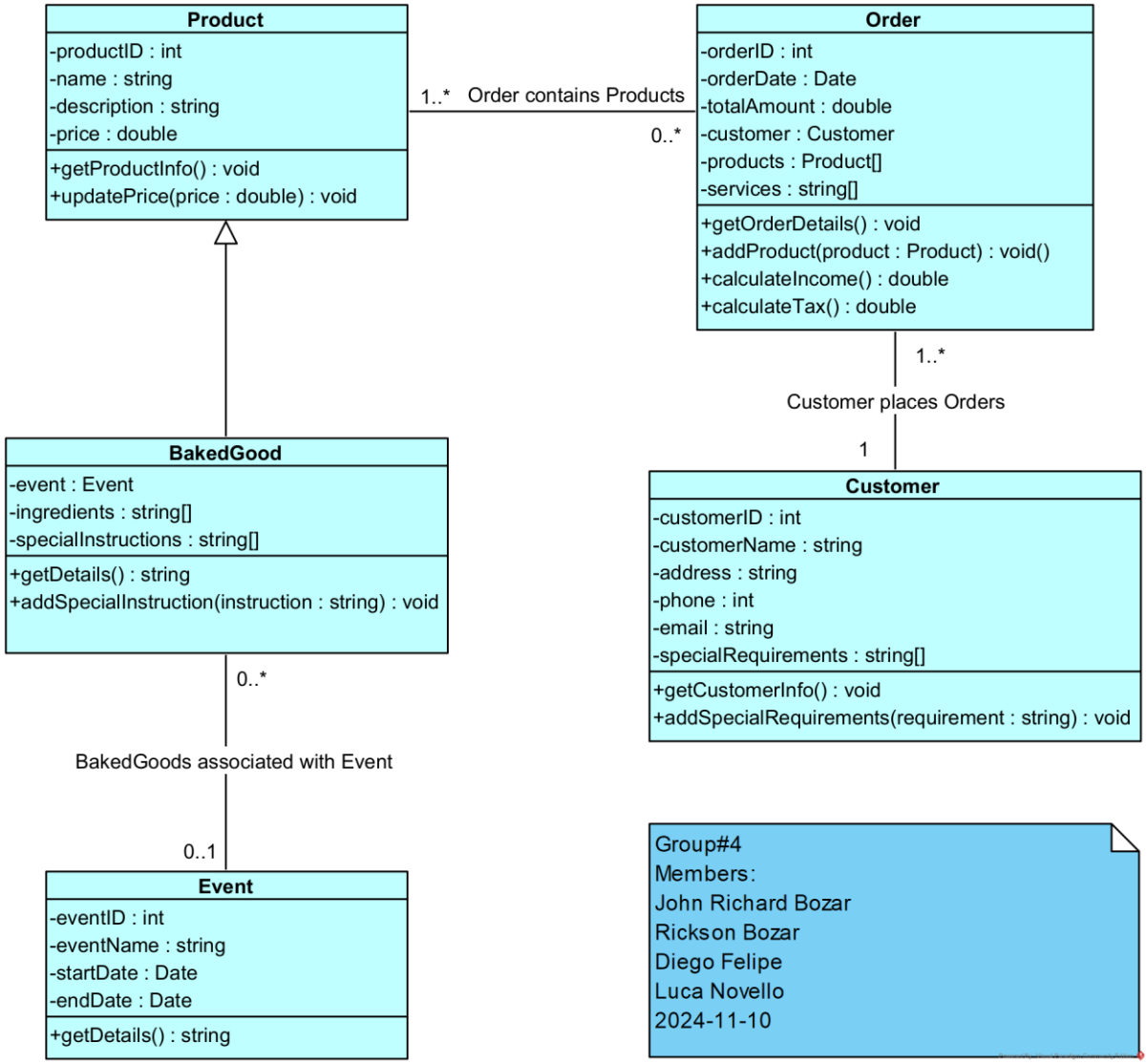
Group 4 – Sales Lab

John Richard Bozar | Rickson Bozar | Diego Felipe | Luca Novello

November 10, 2024

Classes:



Controller Classes:

UIController

+requestToAddNewSale()
+getCustomer(customerID)
+createSale(orderDate)
+orderBakedGood(bakedGoodID)
+selectService(serviceID)
+getAllInfo()
+requestToQuery()
+querySales(fromDate, endDate)
+getCustomerSale(customerID)
+requestToAddNewCustomer()
+addCustomer(customerName, address, telephone, em...
+chooseToAddNewBakedGood()

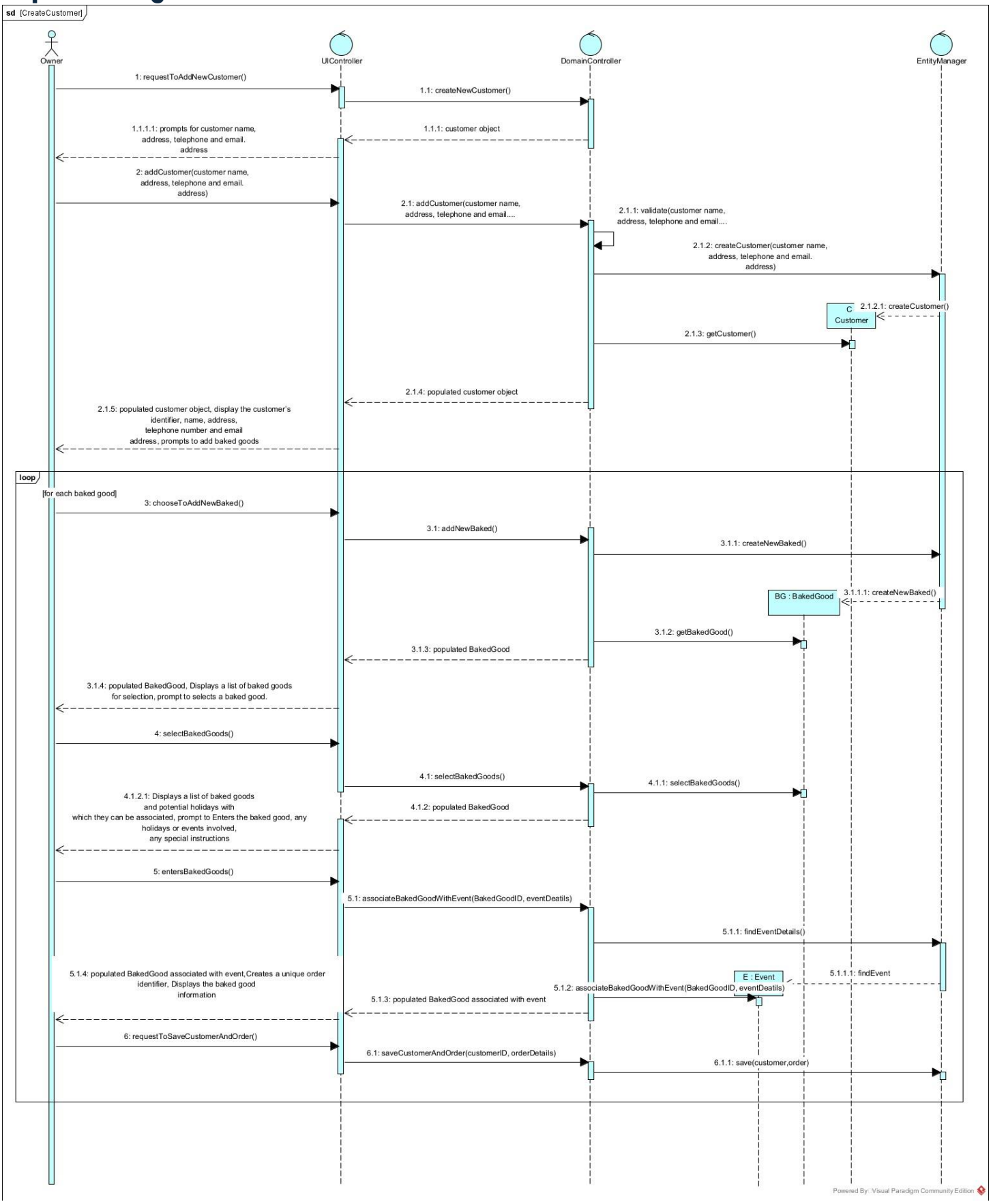
DomainContronller

+requestToAddNewSale()
+validate(customerID)
+operation()
+generateUniqueID()
+orderBakedGood(bakedGoodID)
+operation2()
+populateGoods()
+selectService(serviceID)
+operation3()
+getAllInfo()
+requestToQuery()
+querySales(fromDate, endDate)
+getCustomerSale(customerID)
+operation4()
+createNewCustomer()
+validateCustomer(name, address, phone, em...

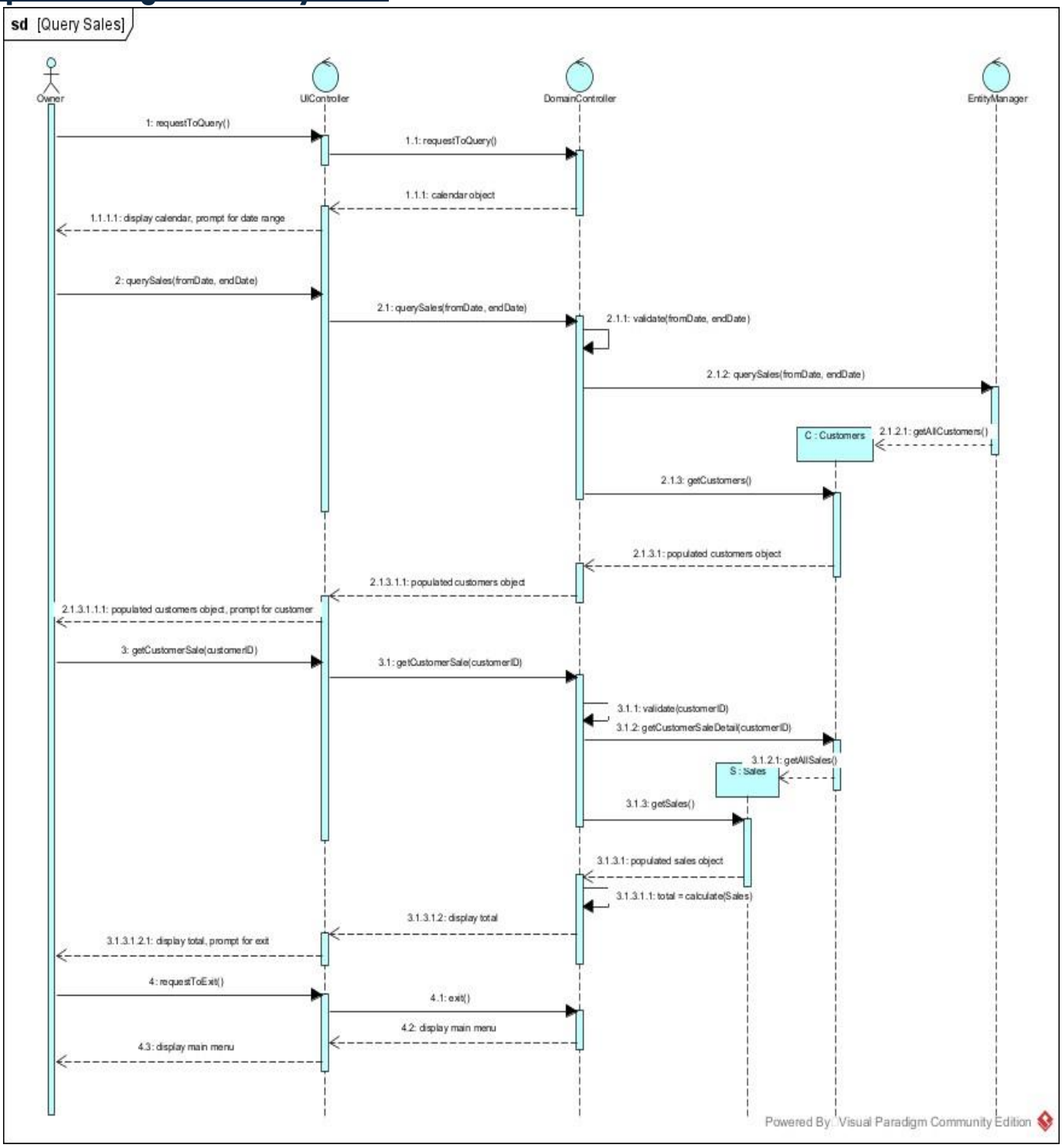
EntityManager

+getCustomers()
+getCustomer(customerID)
+createSale(orderDate, saleID)
+getBakedGood(bakedGoodID)
+getAllServices()
+getService(serviceID)
+getAllCustomers()
+createCustomer(name, address, phone, email)
+createNewBakedGood()
+getBakedGood()
+associateBakedGoodWithEvent(bakedGoodID, eventDeta...
+saveCustomerAndOrder(customerID, orderDetails)

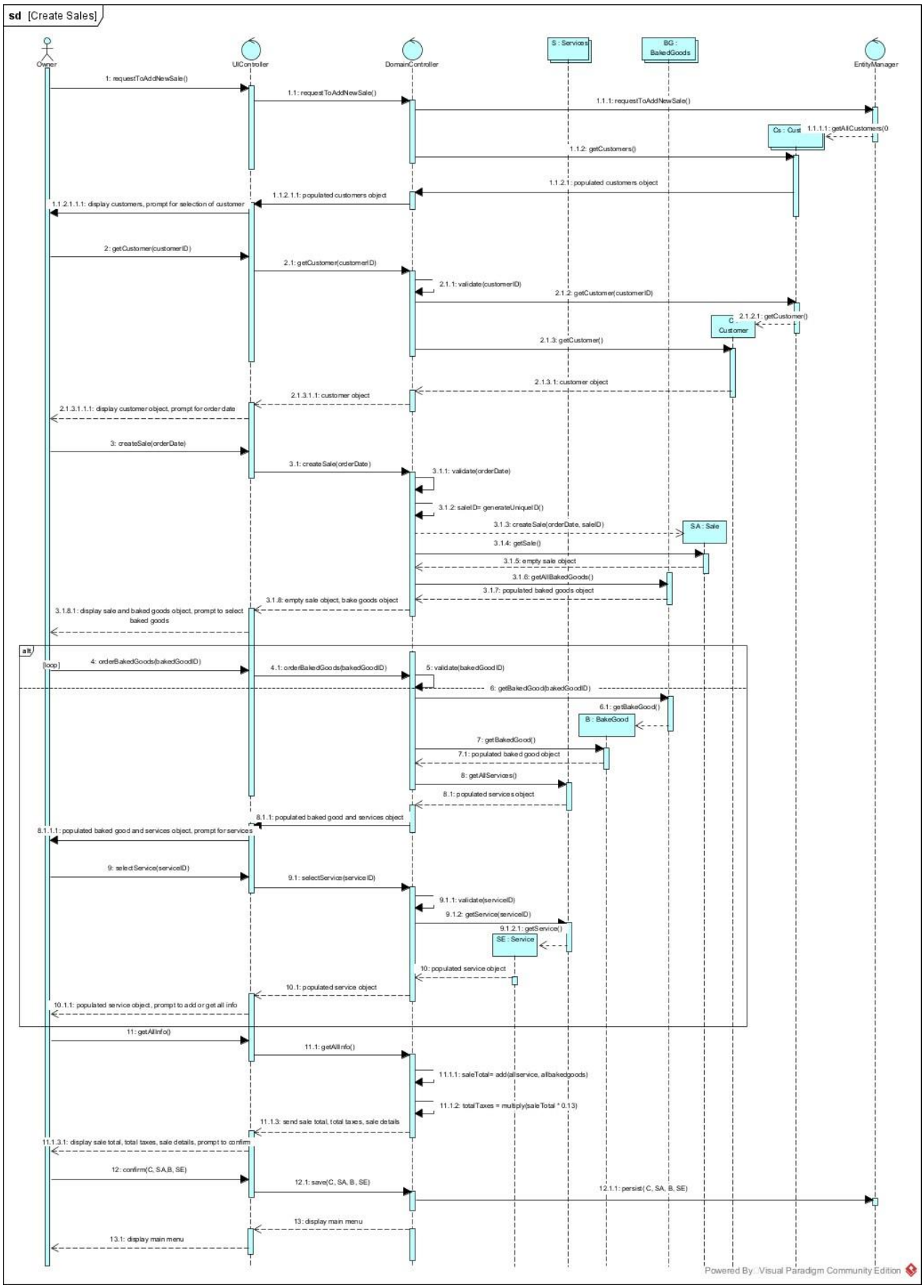
Sequence Diagram - Create New Customer:



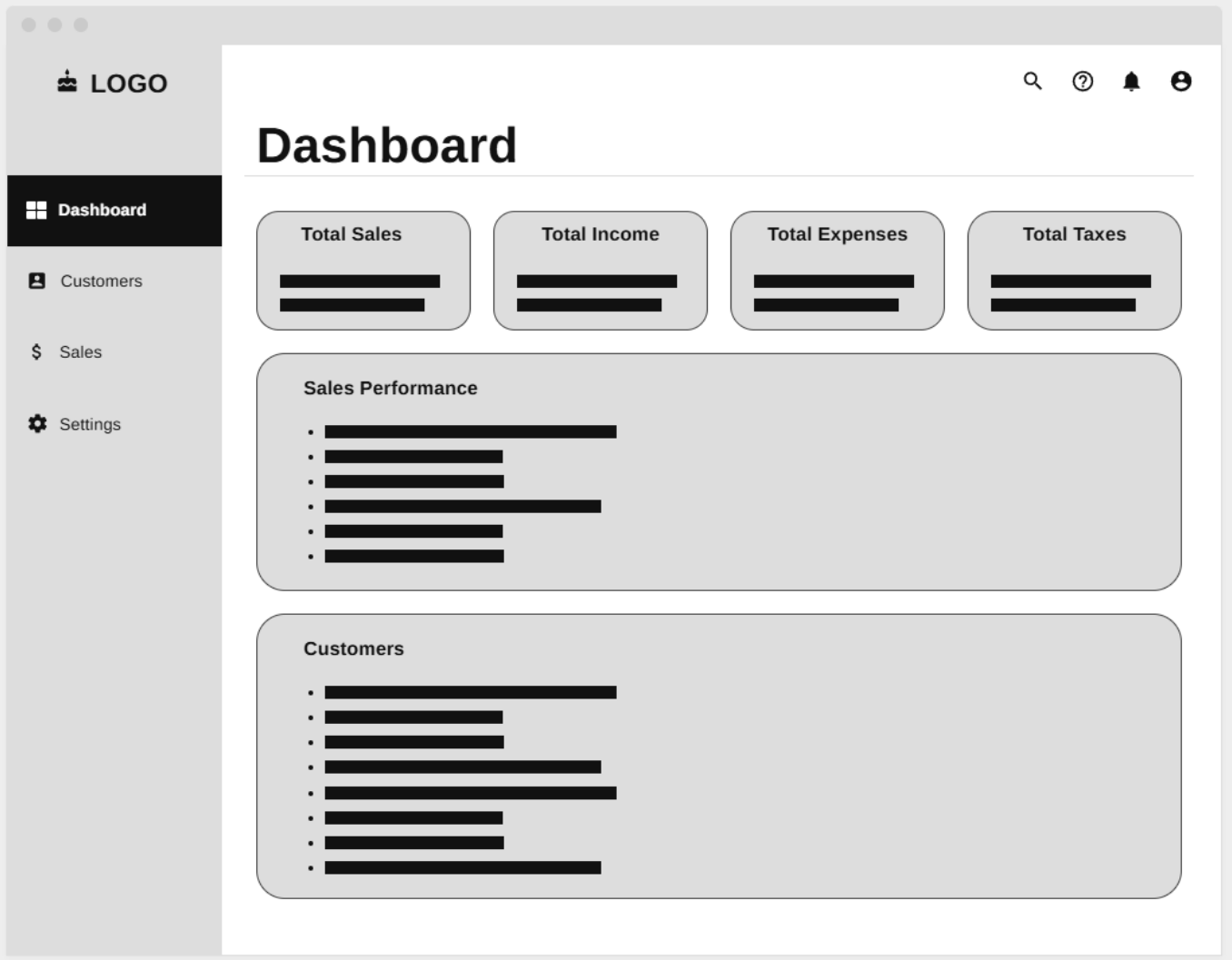
Sequence Diagram - Query Sales:



Sequence Diagram - Create Sale:



Wireframe – Home



Logo: At the top left, there's a space for the company logo.

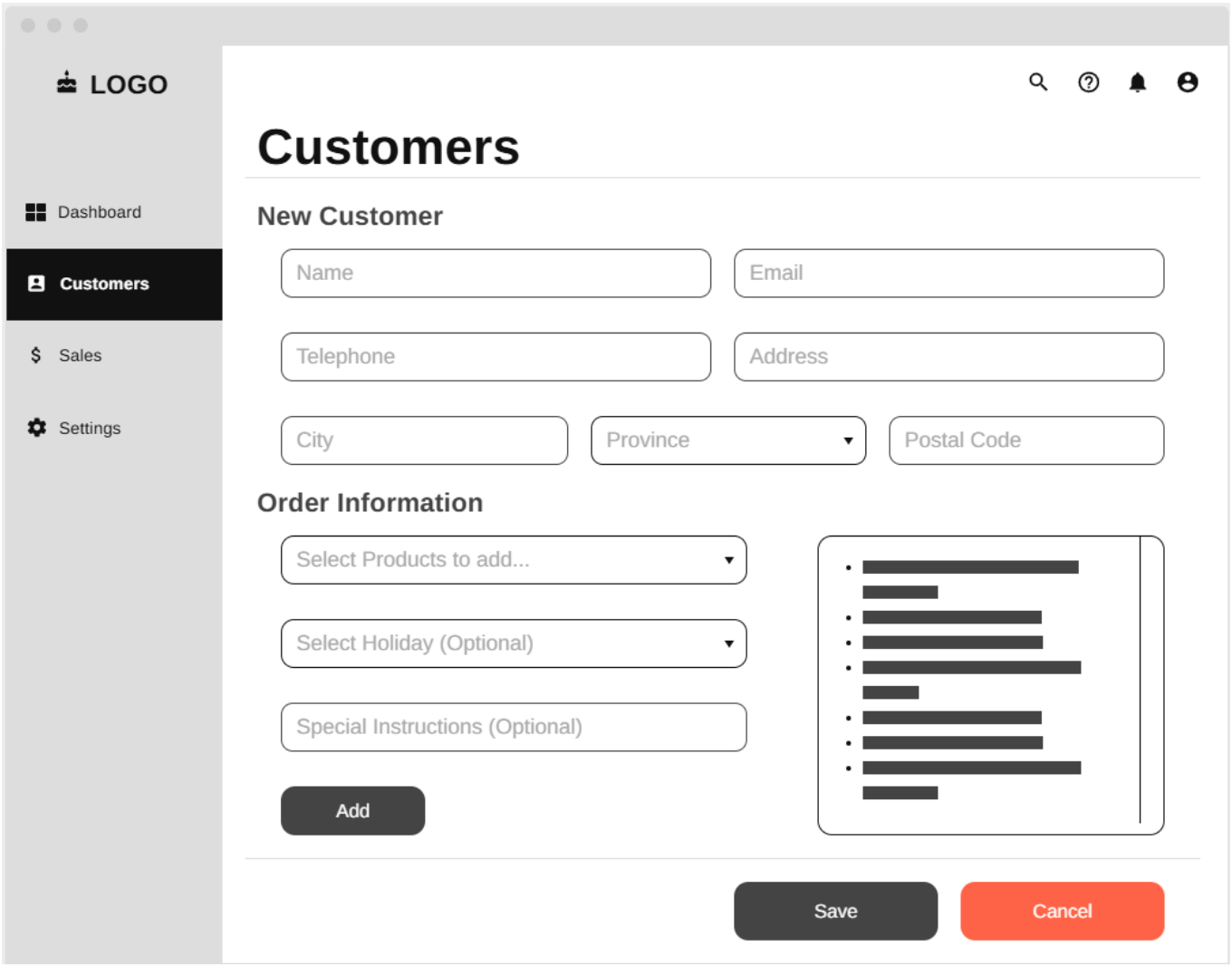
Menu: On the left side, there's a menu with options:

- Dashboard: Main page showing business stats.
- Customers: Page with customer information.
- Sales: Page to check sales details.
- Settings: Page for adjusting preferences.

Dashboard Main Section:

- Summary Boxes: At the top, there are boxes showing key numbers like:
  - Total Sales
  - Total Income
  - Total Expenses
  - Total Taxes
- Sales Performance: Shows how well the sales are doing.
- Customers: List of customers and their information.

Wireframe – Create New Customer



Logo & Menu: Same as Home Page

Customer Main Section:

- Form to enter customer details such as:
  - Name
  - Address
  - Email
  - Telephone
  - Products ordered
  - Any holidays associated with the product
  - Any special instructions associated with the product
- Save and Cancel buttons