#### Creating an object-oriented design

This activity for this unit involves putting your object-oriented design skills into practice.

Create an object model to represent a supermarket, for example, you might like to consider the some but exclusively all of the following:

* Staff
* Products
* Customers
* Online orders
* Loyalty schemes

Consider how you might represent inheritance within your model and where you might use composition.

Object Diagram: showing association, aggregation and composition relationships

I modelled an online supermarket that has the following:

A website, 3 categories of staff, Products, Customers, delivery service and a loyalty scheme that rewards customers with 10% of amount purchased as points

Diagram

Description automatically generated