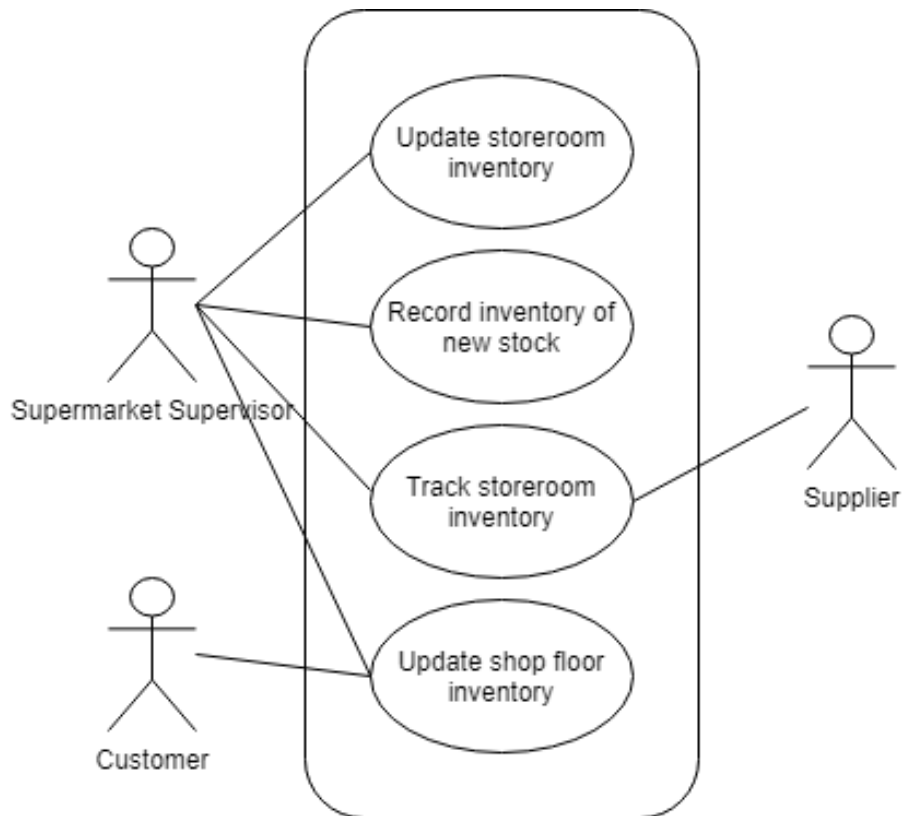


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Assignment 3

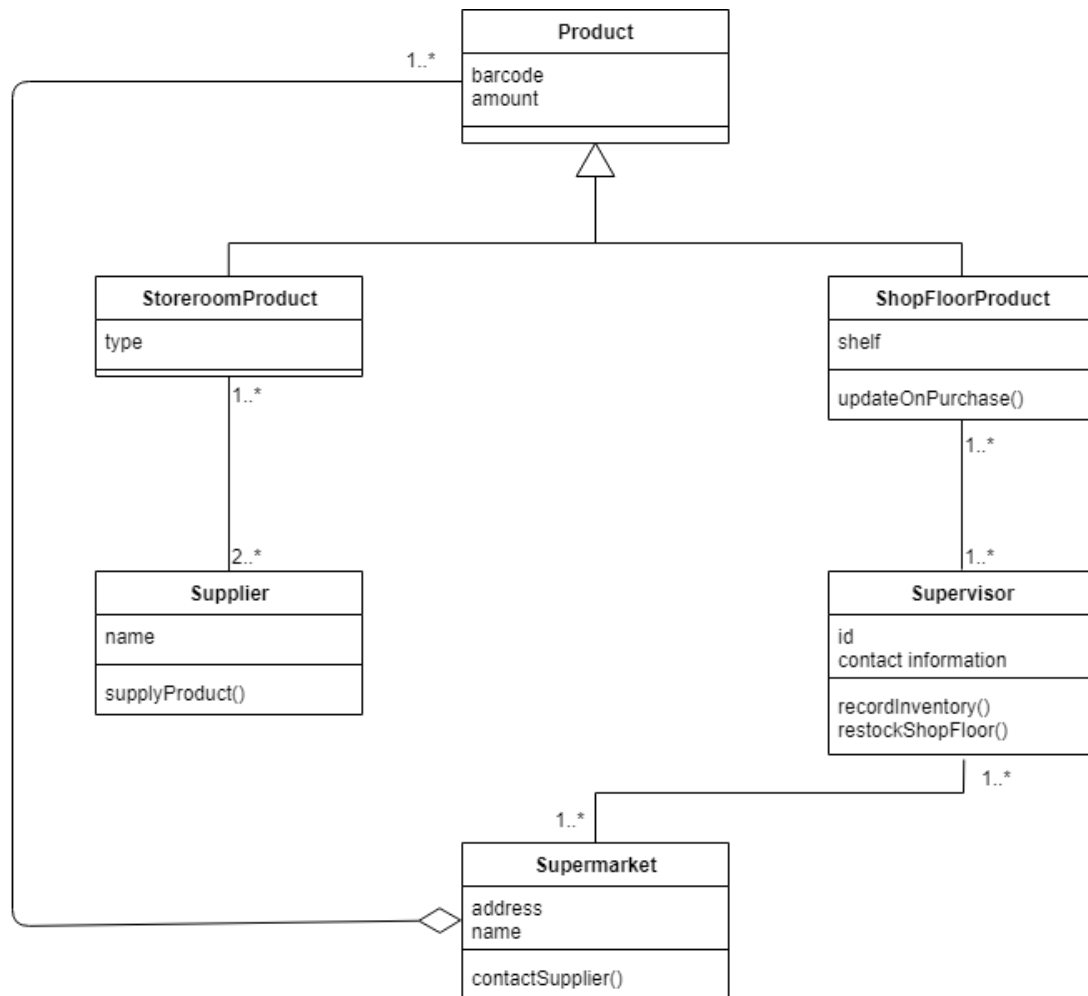
Part 1

1.



Use case diagram for stock control system of the supermarket chain

2. a) Candidate classes: Supermarket, Product, Supervisor, Supplier
b) Rejected class: Barcode, as it is not a class, but an attribute of product
c)



Class diagram of stock control system for the supermarket chain

Part 2

1. In this assignment, I learned about constructing use case diagrams and class diagrams, as well as the process of gathering the information necessary for these diagrams.
2. For this assignment, I referred to the lecture slides, as well as online resources on constructing class diagrams.
3. This assignment was challenging as there was no specific correct answer, and we had the obligation to decide what kind of information would be relevant to include. Furthermore, as there are many variables and variations to the construction of class diagrams, I had to determine the most important aspects to include in the class diagram.