Here is my updated supermarket-related class diagram, which not only includes as many relevant relationships with the required numbering amongst the required classes I could think of, but also illustrates the type hints for attributes and those of the arguments and returns of the various methods I deemed relevant.

The reference of the (industry-grade) tool “PlantUML” I used to generate the above-mentioned class diagram is as follows:

- PlantUML (2021). *PlantUML Language Reference Guide*, version 1.2021.2. Retrieved from http://plantuml.com/guide. Last accessed on May 24th, 2022.