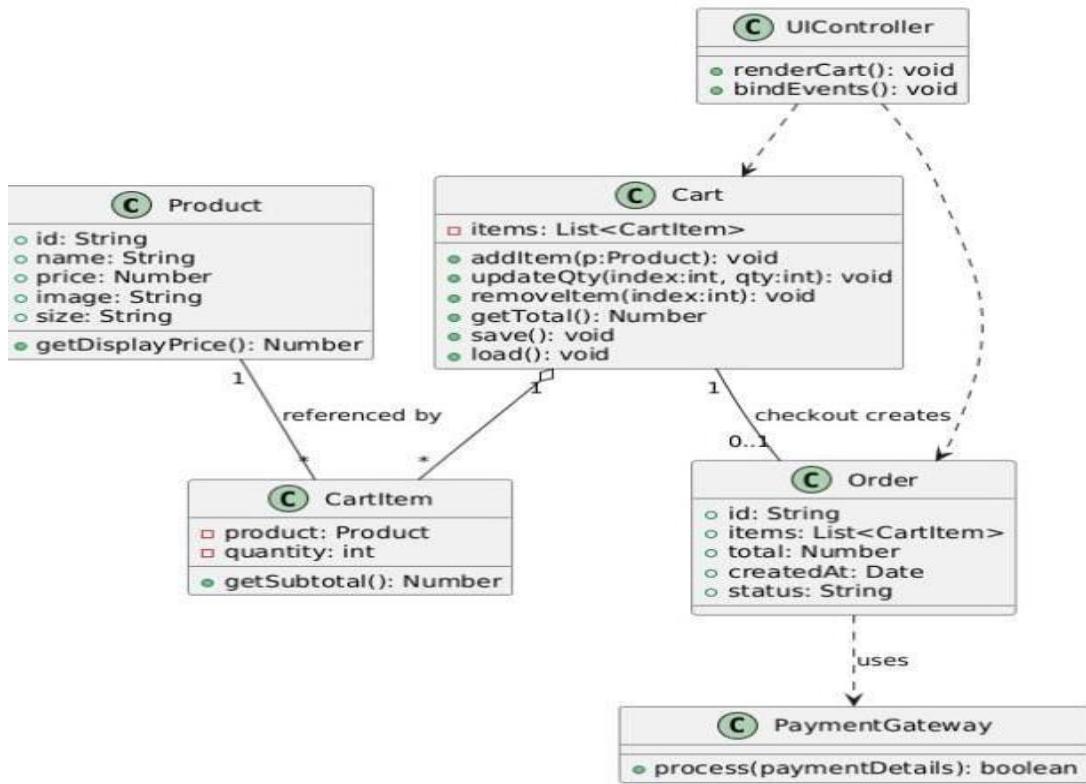


CLASS DIAGRAM



CLASS DIAGRAM DESCRIPTION

The Class Diagram for Quick Cart explains the structural design of the system by representing classes, attributes, and methods. The core classes include Item, Cart Manager, Local Storage Handler, Home Page, and Cart Page. The Item class stores product details such as name, price, image, and quantity, while Cart Manager acts as the central logic controller responsible for adding items, removing items, updating quantities, and calculating the total price. Local Storage Handler manages data storage within the browser, ensuring cart contents persist across sessions. Meanwhile, Home Page and Cart Page represent the UI where the customer interacts with the system. This diagram reflects a modular and maintainable design with high cohesion and low coupling.