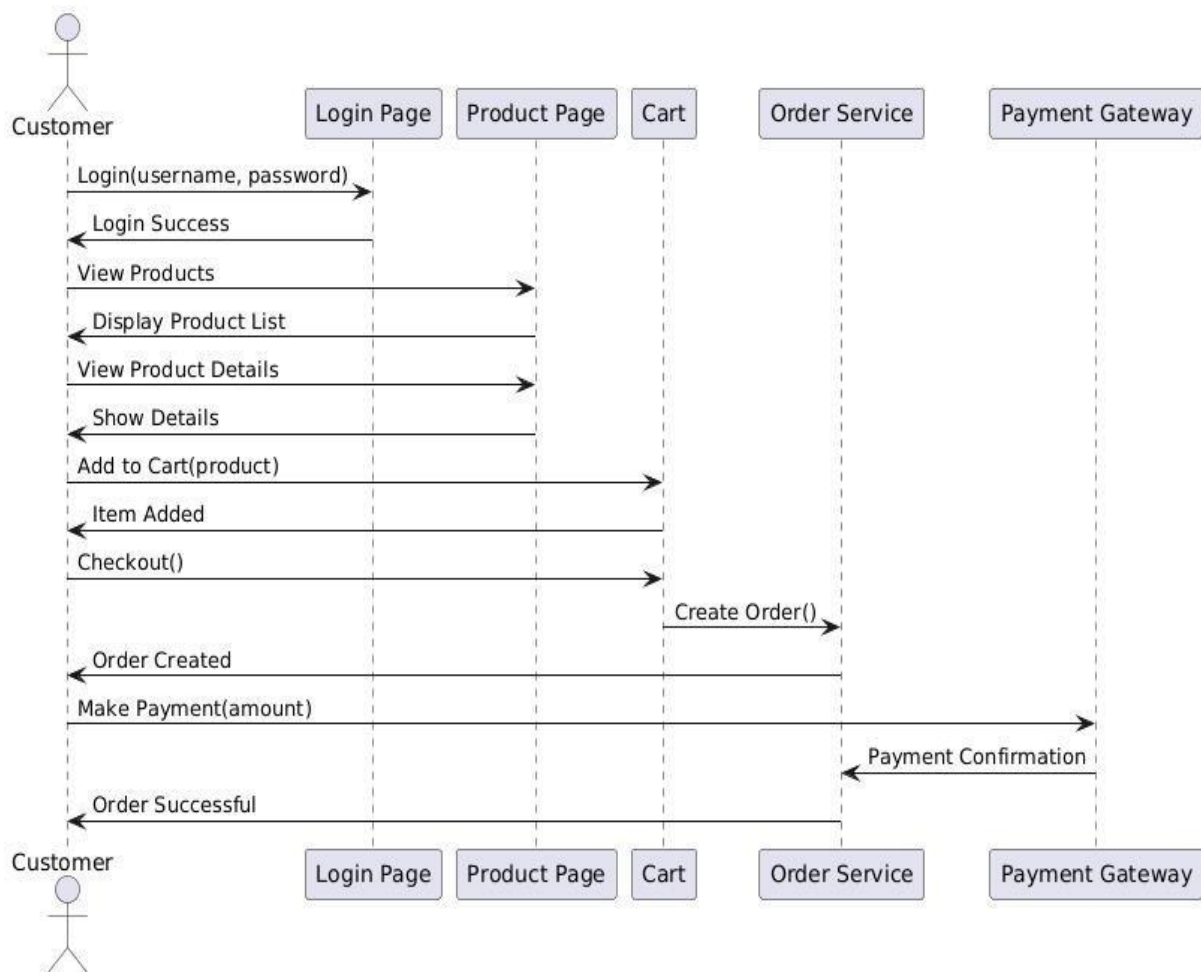# SEQUENCE DIAGRAM

SEQUENCE DIAGRAM DESCRIPTION

The Sequence Diagram illustrates the step-by-step interaction flow when an item is added to the cart and viewed later. When a customer presses the "Add to Cart" button, the request first reaches the Cart Manager, which either adds a new item or increases the quantity of an existing one. The updated cart data is then saved using Local Storage Handler. When the user opens the Cart Page, it requests stored data through the Cart Manager and displays the list of items back to the user. This diagram clearly highlights the chronological communication between UI components, business logic, and storage modules.