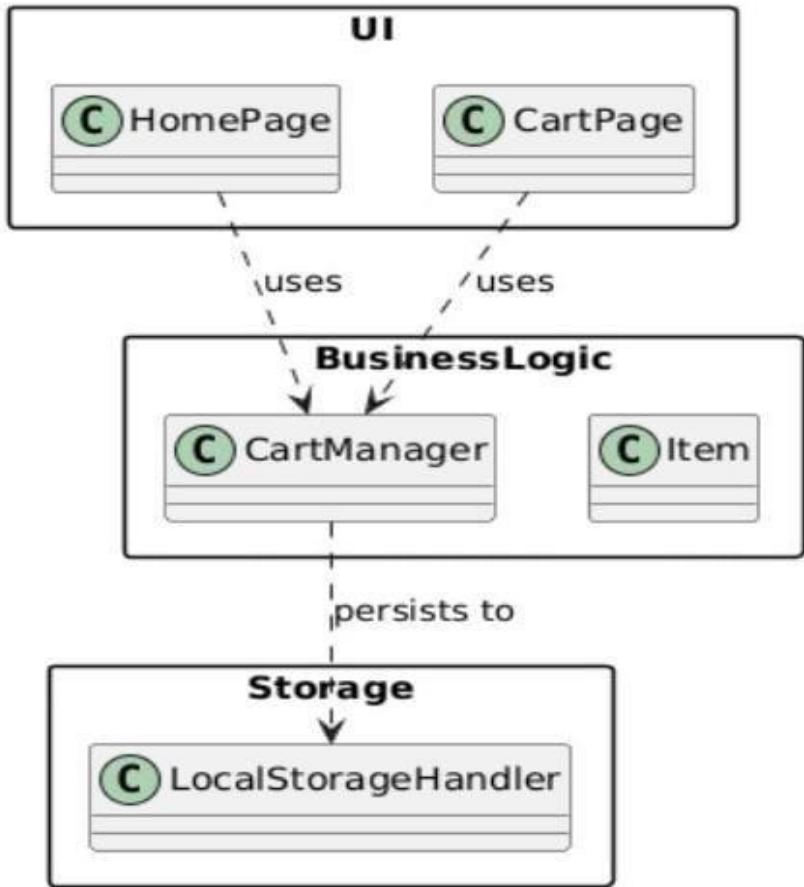


## PACKAGE DIAGRAM



## PACKAGE DIAGRAM DESCRIPTION

The Package Diagram groups system elements into logical modules to simplify understanding and maintenance. The Quick Cart system contains three primary packages: the UI package, the Business Logic package, and the Storage package. The UI package includes Home Page and Cart Page, responsible for displaying products and enabling user interactions. The Business Logic package contains Cart Manager and Item classes which process cart operations and pricing. The Storage package includes Local Storage Handler which stores cart data persistently. The dependency flow UI → Business Logic → Storage ensures separation of concerns, resulting in a scalable and well-organized architecture.