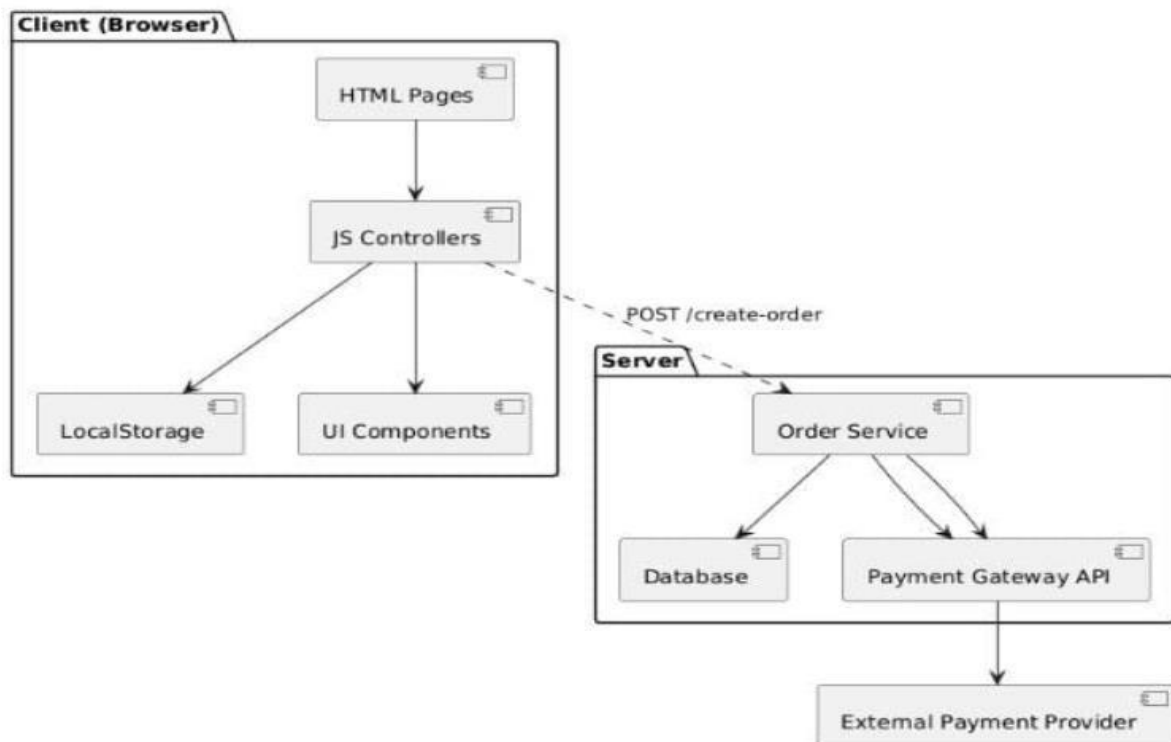


COMPONENT DIAGRAM



COMPONENT DIAGRAM DESCRIPTION

The Component Diagram focuses on how different modules of Quick Cart are structured and interact. The system is divided into three major components: the UI component, the Business Logic component, and the Storage component. The UI contains pages like Home Page and Cart Page where the user performs actions. The Business Logic component implements the core functionality through Cart Manager and pricing strategies. The Storage component handles saving and retrieving cart data using Local Storage Handler. The connection of UI → Logic → Storage demonstrates a clean architecture that is easy to scale and maintain.