Local storage is a web storage feature that allows web applications to store data persistently in a user's web browser. It is part of the Web Storage API and is designed to provide a simple way to store key-value pairs on the client side. Here are some key characteristics of local storage:

**Key Features**

1. **Persistence**: Data stored in local storage remains even after the browser is closed and reopened, until explicitly deleted by the user or through the application.
2. **Capacity**: Local storage typically offers a storage limit of around 5-10 MB per origin (domain), which is significantly more than cookies.
3. **Accessibility**: Data stored in local storage is accessible from any script on the same origin (protocol, hostname, and port), making it useful for sharing data across multiple pages or sessions.
4. **Synchronous API**: Local storage operations are synchronous, meaning that they can block the main thread while reading or writing data, which may affect performance for large amounts of data.
5. **No Expiration**: Unlike cookies, which can have expiration dates, data in local storage does not expire unless removed manually.