Design Pattern:

1. **Unit of Work**

The primary purpose of the Unit of Work pattern is to maintain the consistency of the data and ensure that changes are committed or rolled back atomically.  
The Unit of Work pattern is responsible for coordinating transactions and ensuring atomicity across multiple operations.

A diagram of a process

Description automatically generated

1. **Repository Pattern**it provides an abstraction layer for data access. It separates the logic that retrieves data from the underlying storage (such as a database) from the rest of the application.  
     
     
   **Relationship between Unit of Work and Repository:**While the Unit of Work pattern focuses on transactional consistency, the Repository pattern focuses on abstracting and organizing data access logic.  
   The Unit of Work pattern is responsible for coordinating transactions and ensuring atomicity across multiple operations.  
   The Repository pattern is responsible for encapsulating data access logic for a specific entity.