* Single Responsibility Principle (SRP) – class should have only one reason to change. (Command Query Response Separation - CQRS)
* Open Closed Principle (OCP) – a class shouldn’t be opened for modification, but it should be opened for extension.
* (Barbara Liskov) Liskov Substitution Principle – classes should be substitutable for one another. Example: using SQL or no-SQL data bases. Example: subtype should be able to substitute the super Type, meaning that your definition class must be generic enough to make any of its subclasses infer its type.
* Interface Segregation Principle (ISP) – an interface should only denote one thing. (lucene repository)
* Dependency Inversion Principle (DIP) – abstract business logic should be at center and not have any dependencies on anything else.