**What is Spring Framework?**

Spring is a dependency injection framework and it complements jee by making them easier for us developers to use. Spring framework is loosely coupled because of dependency Injection.

**Dependency Injection**

Allows us to delegate the creation and injection of dependencies to containers such that they are available when we need to use them in our code. We as developers we only need to worry about the logic of our code instead of focusing on object creation. The process of moving the control of object creation from our application code to an external framework is called Inversion of Control. It is a design pattern.

Where does DI apply in Spring and JEE?

**Spring MVC**

security

transactions

**Spring JDBC**

**Spring ORM**

These are some of the APIs that are provided through Spring that makes development very easy.

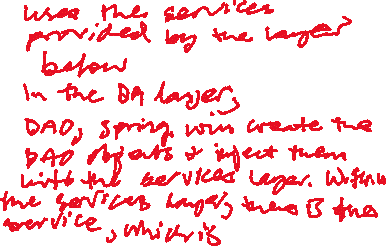
UI Layer



DB

Services / Business Layer

Data Access Layer



Diagram

Description automatically generated

**Dependency Injection**

There are 2 types of DI, Setter (Property Injection) and Constructor Injection.