

# Online Bookstore Management System

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# Spring VS Laravel Vs Express

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Laravel



- Elegant Syntax
- Built-in Tools
- MVC Architecture

Express.js



Spring



spring®

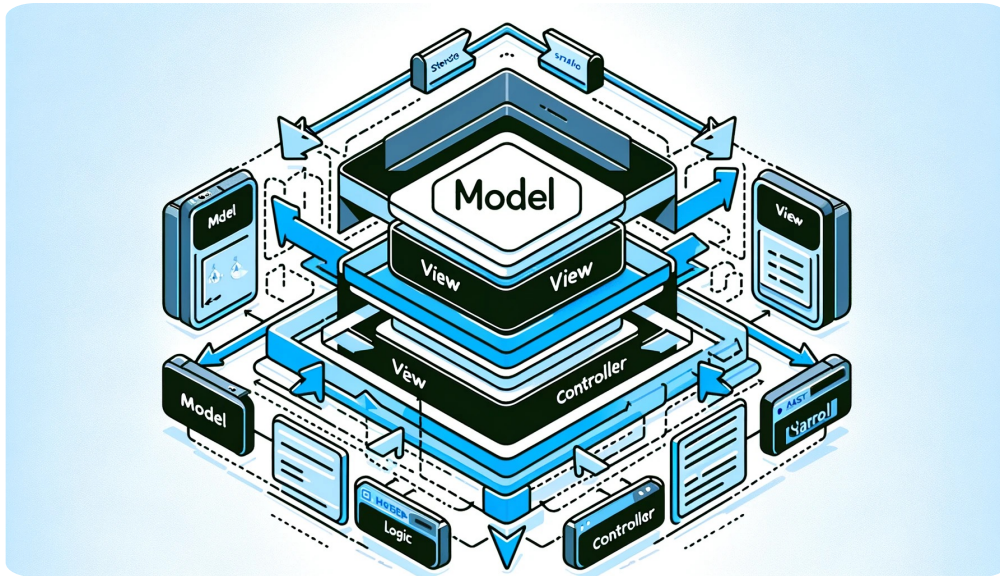
- Comprehensive Ecosystem
- Enterprise-Level
- Dependency Injection



# Templating engine

- Spring: Thymeleaf
- Lavavel: Blade
- Express: EJS (Embedded JavaScript), Pug, or Handlebars

# MVC spring:

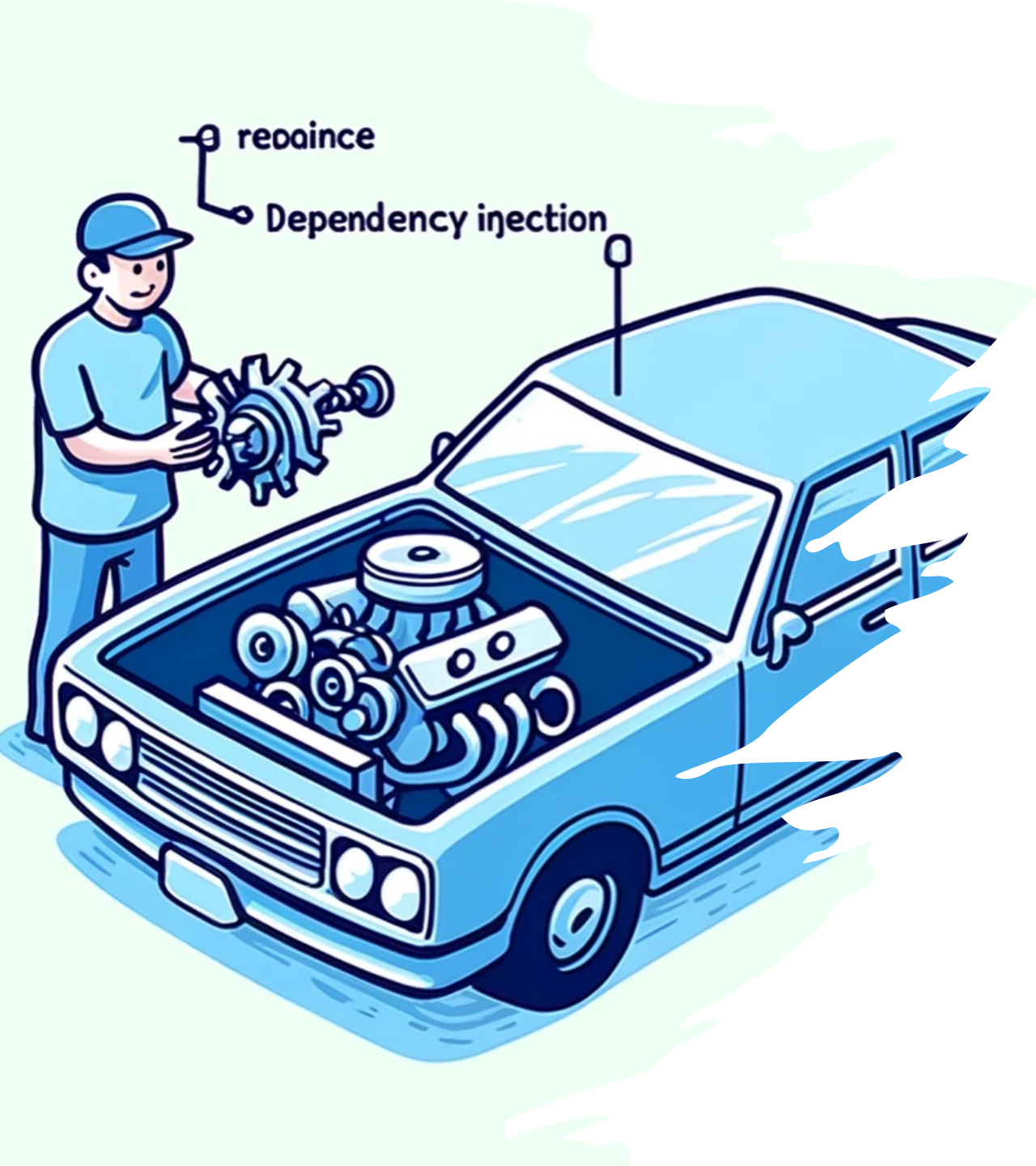


- **Model:** Represents the data and the business logic. It interacts with the database and defines the classes and methods to manipulate the data.
- **View:** The user interface. It is what the user sees and interacts with, often implemented using a templating engine (like Thymeleaf in Spring).
- **Controller:** Acts as the middleman. It receives user input (requests), processes it (often involving the model), and returns the appropriate view.

**Model** handles the data and business logic.

**View** handles what the user sees and interacts with.

**Controller** handles user input and coordinates between the Model and View.



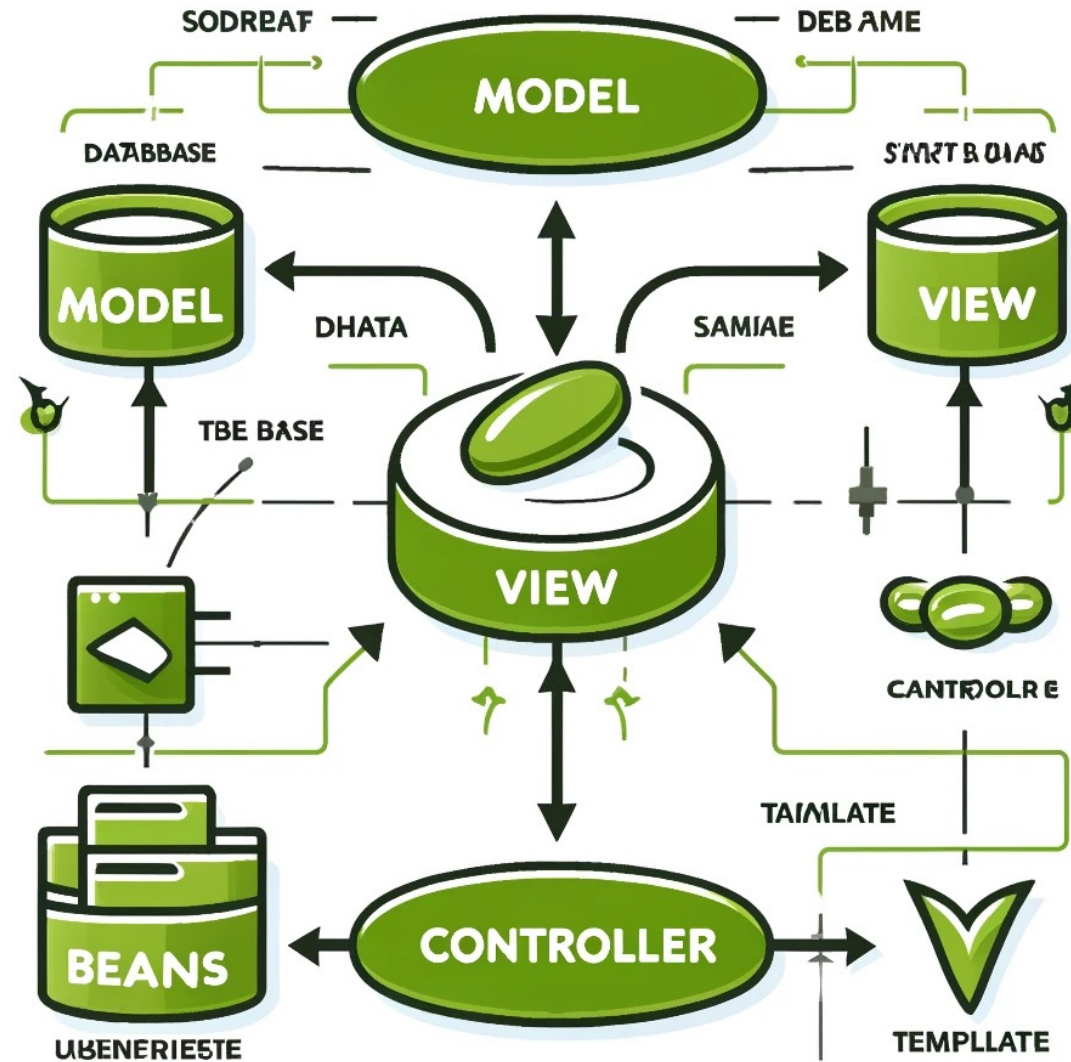
# Dependency Injection and Inversion of Control

- Dependency Injection and Inversion of Control in Spring are ways to separate the responsibilities of different parts of an application.



# Beans

Beans are the way Spring applies dependency injection and inversion of control.



A Bean is an instance of a class that is managed by the Spring container.