

Lombok (DEVELOPER TOOLS):

- Purpose: Lombok is a Java library that helps reduce boilerplate code by providing annotations to generate common code constructs during compilation. It simplifies the development process by automatically generating getters, setters, constructors, and other repetitive code, reducing the need for manual coding.
- Usage: Developers annotate classes with Lombok annotations, and during the compilation process, Lombok generates the corresponding code, making the codebase more concise and readable.

Spring Web (WEB):

- Purpose: Spring Web is part of the Spring Framework and specifically focuses on building web applications, including RESTful services, using the Spring MVC (Model-View-Controller) architecture. It provides features like request handling, routing, and integrates with various view technologies for rendering HTML, JSON, or XML responses.
- Usage: Developers use Spring Web to create web applications and RESTful APIs. It simplifies the development of web-related components and promotes the use of design patterns to build scalable and maintainable web applications.

Spring Data MongoDB (NOSQL):

- Purpose: Spring Data MongoDB is a module of the Spring Data project that provides a high-level abstraction for interacting with MongoDB, a NoSQL database. It simplifies the integration of MongoDB into Spring applications, allowing developers to store and retrieve data using Java objects, while benefiting from MongoDB's flexible, JSON-like document storage model.
- Usage: Developers use Spring Data MongoDB to interact with MongoDB databases using familiar Spring concepts like repositories and query methods. It abstracts the underlying MongoDB Java driver and provides a higher-level, more convenient API for working with MongoDB.

Spring Boot DevTools (DEVELOPER TOOLS):

- Purpose: Spring Boot DevTools is a set of tools that enhances the development experience by providing features like fast application restarts, LiveReload for automatically refreshing the browser during development, and additional configurations to streamline the development process.
- Usage: During development, DevTools allows developers to make changes to their code and see the results quickly without restarting the entire application. It improves productivity by reducing the turnaround time during development iterations.