JACKSON

JSON

RestController

SOA

Android app

IOS APP

Angular app

Java Monolithic app

View

Controller

Spring challenges

1. Initial configuration – BootStrapper
   1. WebContext
   2. DispatcherServlet
   3. Loading the Configuration Class
   4. Scanning the base package
2. Dependency management - version
3. Web app deployed as a war and tomcat to be configured

Spring Boot -- Plugin to create Spring app

1. BootStrapper program
2. Starter POM - Eg. Web
3. Jar or war -- java -jar demo.jar
4. Tomcat is embedded
5. Production Ready

SOA – Rest API – Representational State Transfer

Data in form of JSON.

Book

BookServiceI

books

Book

H2 db, JPA

http://localhost:8081/bookstore/api/books

App

DB

BookRepo

BookService

RestController

BookController

EndPoints

<https://www.udemy.com/course/kickstart-spring-boot/?couponCode=1FCE16548C684A96E11F>

Transaction – ACID – compliant- Atomic Consistent Isolated Durable

MongoDb – No SQL DB

Cassandra

Ldap – Light Directory Access Protocol -- .ldif

MyUser

KeyCloak -- platform

MyUserService

UserRepo

Controller

users

SecurityConfig