**Course Sheet Template**

**Name: Spring Boot**

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| Reviewed by : Selvaraj Janardhan | Date: 30-Aug-2019 |  |
| Approved by | Date: |  |

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| **Version No.** | **Date** | **Affected Sections** | **Brief Description of Change** |
| 1.0 | 30-Aug-2019 | All | New format created |

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## **Definition and Purpose**

1. **Objective:** Spring Boot is an open source Java-based framework used to create a Micro Service. It is developed by Pivotal Team. It is easy to create a stand-alone and production ready spring applications using Spring Boot. Spring Boot contains a comprehensive infrastructure support for developing a micro service and enables you to develop enterprise-ready applications that you can “just run”.
2. **Scope:** By the end of this tutorial, you will gain an intermediate level of expertise in Spring Boot.
3. **Content:**

* Spring Boot Framework
* Spring Boot Advantages
* Spring Annotations
* Spring Boot –Web MVC
* Spring configuration
* Spring Boot - Actuator
* Spring Boot - Enabling Swagger2

1. **Methodology/Training Aids:** Implementing Blended training approach which contains 50% classroom training and 50% practice time.
2. **Target Audience:** Participants who have knowledge of Core Java, Servlet, JSP, Web Services, SOA, Spring and Spring Web MVC can attend this training.
3. **Pre – requisites for Audience Profile:** Audience should have a basic knowledge of Core Java, Servlet, JSP, Web Services, Spring DI IOC and Spring Web MVC. As we are going to develop Micro Services with Spring Boot, it will be good if you have an understanding of other Spring Boot basics
4. **Duration:** 8 hours

**Evaluation Criterion:** Evaluation will be based on MCQ test. Passing Percentage: 70%

1. **Session Plan:**

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| --- | --- | --- |
| **Schedule** | | |
| Sr. No | Topic | Duration (In Min) |
| 1 | * Spring Boot Framework * Spring Boot Advantages * Spring Annotations * Spring Boot –Web MVC * Spring configuration * Spring Boot - Actuator * Spring Boot - Enabling Swagger2 | 320 mins |