Course Design Document

Course Code	
Course Name	Spring Boot

Duration (in days)	2	Proficiency Level	Fundamental
Pre-requisites	• Spring Web MVC	Target Audience	Campus Hires

Learning Outcome

At the end of the program, participants will learn

- Understand the needs that Spring Boot fulfils
- Use Spring Boot starters to easily create new applications
- Understand and use Spring Boot's Spring Data / Spring Data JPA capabilities
- Understand and use Spring Boot's Web capabilities (focusing on Spring REST), including embedded servlet containers

Day wise Session Plan

Day	Unit	Objectives	Hours
1	Introduction to Spring Boot	• Brief maven Overview • Intro to Spring Boot - What is Spring Boot and What It Does • Spring Boot Hello World / SpringApplication	3
2	Spring Boot Database Support	• Basic Auto-configuration - Datasource and Pooling • Spring Boot's JPA Support - spring-boot-starter-data-jpa • Using Spring Boot Data - CrudRepository/JpaRepository	5
3	Spring Boot Web/REST	• DispatcherServlet Review • Web Starters and Configuration spring-boot-starter-web • Using Embedded Servers (Tomcat) • Spring Boot's Web capabilities (focusing on Spring REST)	8
		Total	16