Course Design Document

Course Code	
Course Name	Swagger

Duration (in days)	1	Proficiency Level	Fundamental
Pre-requisites	• Spring Web MVC	Target Audience	Campus Hires

Learning Outcome

At the end of the program, participants will learn

- Building a basic API using Swagger
- Defining APIs
- Creating API documentation using Swagger

Day wise Session Plan

Day	Unit	Objectives	Hours
1	Working with Swagger	• Building a basic API using Swagger • Defining APIs • Describe strategies for designing API web services • Describe the use of Richardson Maturity Model to identify the design maturity of REST APIs • Describe the best practices for naming and versioning API URIs • Describe the tools available with Swagger including the API editor, the API code and client generator, the REST API documentation tool, and the REST API testing tool • Describe how to use OpenAPI to create REST APIs • Describe how to create REST APIs using YAML • Describe tools that can be used to manage APIs • Create an OpenAPI definition with the Swagger Editor using YAML • Describe the use of Swagger's interactive web API help pages • Describe the API management features of a Swagger-generated server	8