Course Design Document

Course Code	
Course Name	Back End Development

Duration (in days)	03	Proficiency Level	Fundamentals
Pre-requisites	None	Target Audience	Interns

Learning Outcome

At the end of the program, participants will be able to learn:

- Introduction to JEE
- Servlet API
- Session Management & Filters
- JSP & Action tags

Day-wise Session Plan

Day	Unit	Objective(s)	Hours
1	Introduction to JEE	• Java EE Architecture • Different Types of Servers • Http Stateless Protocol and its methods	2
1	Servlet API	• Java Servlet Technology • Model-View-Controller • Java EE Containers and Java Application Servers • Life Cycle of a Servlet • Servlet Respond to Requests • HTML Forms • Form Parameters • ServletConfig and ServletContext Interfaces • Redirecting using RequestDispatcher • Redirecting using SendRedirect	6
2	Session Management & Filters	• Session Management in 4 ways • Filter API • Filter Class • Configuring a Filter in the web.xml File	8
3	JSP & Action tags	• Introduction and Life Cycle of JSP • JSP Scriptlets Tags • JSP Expressions Tags • JSP Declarations Tags • JSP Implicit Object • JSP Action Tags • Forwarding Java objects to JSP • Use request, session, and application objects to store data.	8
		Total	24