

Developing Rich Client Applications (UX0005)

Duration: 60 Hours

Program Objective

- Implement a rich client application (RIA) from the ground up
- Create a JavaFX GUI using controls, layouts, charts, smart tables, and CSS
- Implement event handling in a JavaFX application
- Use JavaFX visual effects, animations, media, and a web view control in a JavaFX application
- Implement concurrency and binding to a JavaFX application
- Leverage Java Persistence API (JPA) in a Java SE application
- Create two-tier and three-tier Java technology applications
- Connect your application to a REST web service
- Package and deploy a Java SE application
- Secure a Java SE application
- Sign a Java SE application
- Implement the Logging API to generate log messages in GUI
- Implement unit testing using JUnit
- Apply Model View Controller (MVC) design pattern to create reusable classes

Prerequisite

- Experience with Java 7
- Developing Application with Java EE Platform

Certificate Title

Certificate in Developing Rich Client Applications

Exit Profile

After completion of this program, student will be able to apply key concepts in developing the Rich Client Applications.