CROSS PLATFORM APP DEVELOPMENT

OBJECTIVE: Getting familiar to Android App Development & learn to create flavours of APP.

SESSION I:

1. **Introduction to the Android**
   - ✓ Android Architecture
   - ✓ Comparison with other OS
   - ✓ Understanding the environment
   - ✓ Understanding Eclipse IDE
   - ✓ API Levels

2. **Understanding the Building Environment for Android**
   - ✓ Introduction: Java and XML
   - ✓ Front-End and Back-End environment
   - ✓ Designing Front-end through XML
   - ✓ Designing Backend through JAVA

3. **Understanding Layouts**
   - ✓ Layouts and Widgets
   - ✓ Working with layouts: Linear, Relative, etc.
   - ✓ Working with Widgets: Text-View, Edit-Text, Buttons, Image-Views, and Scroll View etc.
   - ✓ Using other properties

SESSION II:

4. **Getting familiar with Activity**
   - ✓ Activity and its Life-Cycle
   - ✓ Finding .APK file
   - ✓ What is Manifest File
   - ✓ Setting up the Android Virtual Devices
   - ✓ Testing "Hello World" Application

5. **Introduction to Intents**
   - ✓ Intents and its type
   - ✓ Starting another Activity using both types of Intents
   - ✓ Sending Data from one Activity to another
   - ✓ Building Camera application, fetching image using Intent

6. **Understanding various Notifications**
   - ✓ Understanding Toast
   - ✓ Dialog and its types
   - ✓ Create Custom dialogs

SESSION III:

7. Developing Applications
- ✓ Concept Splash Screen
- ✓ Playing Music
- ✓ SMS related concepts
- ✓ Camera and others
- ✓ Concept of Email
- ✓ Text-To-Speech

SESSION IV:

Query Session & DEMO SESSION on future Technology

PROJECTS COVERED:
- ✓ Splash Screen Application
- ✓ Music Player Application
- ✓ SMS Application
- ✓ Camera Application
- ✓ Email Application
- ✓ Text-To-Speech Application
- ✓ Toast
- ✓ Dialog
- ✓ Custom dialog

KIT CONTENT:
- ✓ Android App Development Tool Software