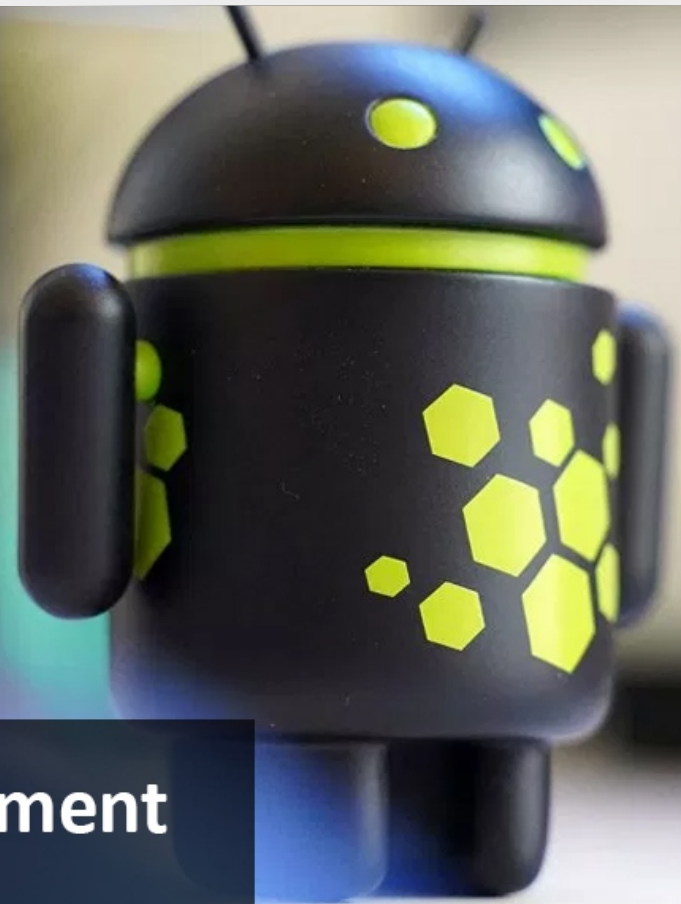


Android



Android Development



SevenMentor
PVT.LTD

1. Basics Of Android

- a. Java Concepts
- b. Inner Classes
- c. Exception Handling
- d. Multithreading

2. Introduction to Android

- a. What is Android?
- b. Open Handset Alliance
- c. Android Features
- d. Development Framework for Android
- e. Dalvik Virtual Machine
- f. Android Studio
- g. Android API Levels, Versions

3. Building Blocks of Android

- a. Activities
- b. Services
- c. Broadcast Receiver
- d. Content Provider

4. Android Installation & First Project

- a. IDE and Android Installation
- b. Developing first Project
- c. Application Structure
- d. user-permission
- e. AndroidManifest.xml
- f. Resources
- g. R.java



5. Emulator

- a. Launching emulator
- b. Adding New emulator
- c. Logcat usage
- d. Android Device Monitor(ADM)

6. User Interfaces

- a. UI component
- b. Layouts
- c. Form widgets
- d. Text Fields
- e. dip / dp and sip /sp
- f. Drawable resources
- g. Applying themes

7. Intent

- a. Intent
- b. extras
- c. Bundle
- d. Activities for Result Set

8. Advanced User Interfaces

- a. Customized User Interfaces
- b. Customized Button
- c. Graph View
- d. Drawable Resources
- e. AlertDialogs and Toast
- f. Time and Date Dialog Box



9. Android Menus

- a. Option Menu and Action Bar
- b. Context Menu
- c. Popup Menu

10. Android Adapters

- a. Array Adapters
- b. Base Adapters
- c. ListView

11. Android Application Components

- a. Notifications
- b. Pending Intents
- c. Intent-Filters
- f. Multithreading in Android.
- g. Shared Preferences.
- h. Alarm
- i. Spinner
- j. Sending SMS

12. Services and Receivers

- a. Service Life cycle
- b. Permissions
- c. Implementing Services
- d. Receiver tag
- e. Implementing Receivers



13. SQLite and Content Providers

- a. What is SQLite?
- b. Creating SQLite Databases
- c. DML Operations on Data
- d. Cursors and Content Values

14. Advanced Components

- a. Location Based Services. Google Maps
- b. Sensors
- c. Using WIFI and Bluetooth
- d. Fragments
- e. JSON
- f. volley
- g. Firebases

