

Android Contents

1. Basics of Android

- What is Android?
- History and Versions
- Software Installation
- Android Architecture
- Sample Example
- Project Structure
- Android Emulator
- Build Process
- Android Building Blocks - 08 Hrs

2. Activity & Intent

- Activity LifeCycle and example
- Implicit & Explicit intent - 04 Hrs

3. Working with UI

- Introduction to UI
- View & Layout
- Types of View
 - TextView
 - EditText
 - AutoCompleteTextView
 - Button
 - ImageButton
 - RadioButton
 - ToggleButton
 - CheckBox
 - Spinner
 - DatePicker & TimePicker
- Toast and AlertDialog - 16 Hrs

4. Broadcast Receiver

- Creating Broadcast receiver
- Registering Broadcast receiver
- Notification generation - 04 Hrs

5. Service

- Service LifeCycle and example
- Understanding about Threads and AsyncTask
- Types of Services - 08 Hrs

6. Content Provider

- Shared Preferences
- Internal & External Cache Storages
- Internal Storage & External Storages
- Brief introduction about SQLite
- Creating Content Provider using SQLite - 10 Hrs

7. Fragments

- Fragments & its Lifecycle
- Usage - 06 Hrs

8. Android JSON Object

9. OkHttp Android

10. Material Design

- Introduction
- CardView and RecyclerView - 10 Hrs

11. Integrations

12. Firebase Usage - 06 Hrs

Total – 72 Hrs / 2 Hrs

36 Classes