

Advanced Android

(Duration-2 Month)

1. Refreshing Java

- ❖ OOPs Concepts
- ❖ Inheritance in detail
- ❖ Exception handling
- ❖ Packages & interfaces
- ❖ JVM & .jar file extension
- ❖ Multi threading (Thread class & Runnable Interface)
- ❖ Collections – HashTable, Vector, List, ArrayList, HashMap

2. Parsing data

- ❖ JSON Parsing
- ❖ Xml Parsing

3. Location and Maps

- ❖ Location API
- ❖ Google Map
- ❖ Geo Coding
- ❖ Reverse Geocoding

4. Accessing Phone services (Call, SMS, MMS)

5. Creating slideshow

6. Firebase

- ❖ Firebase Authentication
- ❖ Realtime Database
- ❖ Cloud Messaging/Push Notification

7. web services Integration

8. Sliding menu using navigation drawer

9. Fingerprint Authentication

10.Play Youtube Video in app

11.Localization- Creating App for multiple language support

12.Various integration

- ❖ facebook integration
- ❖ Google integration
- ❖ Twitter integration

13.App monetization(google Admob)

- ❖ Banner Ads
- ❖ Interstitial Ads
- ❖ Rewards Ads

14.Payment Gateway for Ecommerce app

- ❖ Paypal integration
- ❖ Razorpay Integration

15.Project Offered

- ❖ Tour Guide of Bihar
- ❖ Pay For Indian Army
- ❖ Quiz App
- ❖ Image Gallery App
- ❖ Flashlight App