

ANDROID SYLLABUS

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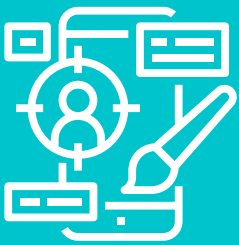
MODULE 1: INTRODUCTION TO ANDROID



Duration 4 Hrs

- Android overview
- Android Architecture
- Environment Setup
- AVD setup
- Project Structure

MODULE 2: USER INTERFACE



Duration 8 Hours

- Basic UI
- Layouts
- Activities
- Activity lifecycle
- Button, Text, Image
- Intents

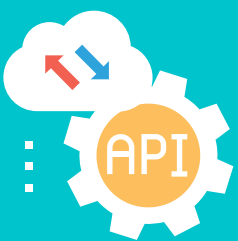
MODULE 3: MEDIA



Duration 8Hours

- Animations
- Audio
- Video
- Images

MODULE 4: API CONNECTIONS



Duration 8 Hours

- HTTP requests
- Volley
- Retrofit
- JSON basics
- JSON parsing

MODULE 5: LOCAL DATA STORAGE



Duration: 6 Hours

- SQLite introduction
- Database creation
- Shared preferences
- Internal file storage
- SD card storage

MODULE 6: ADVANCED ANDROID-1



Duration: 8 Hours

- Bluetooth Services
- Telephony services
- Google Maps services.
- Wifi services.
- Gyroscope.

MODULE 7: ADVANCED ANDROID-2



Duration 6 Hours

- Third party sdk integration
- Admob integration
- Firebase auth
- Push notifications
- Firebase analytics

MODULE 8: LIVE PROJECT



Duration 1 Week

- Chat App with firebase.
- Camera App
- Quiz App

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