



# **Android Application Development Course**

**Altsense**

## Agenda

### Introduction to Android App

1. How to install android studio latest version
2. How to install java JDK latest version.
3. How to create own android studio project
4. How to build your own android hello world application using android studio
5. How to develop interface of android application using android studio
6. How to create android virtual device
7. Understanding activity states in android studio
8. Example of understanding activity states changing in android studio
9. How to built user interface using android studio
10. Creating overflow menu
11. Understanding Intents in android studio
12. How to send intent data in android studio
13. How to send broadcast intents in android studio
14. How to receive broadcast Intents android studio
15. What are threads in java/android studio
16. Learning thread handlers in android studio
17. What is intent service in android studio
18. More about services android studio
19. What are bound services in android studio
20. Example for bound services in android studio

21. What is a list view in android studio
22. How to save data with SQLite android studio
23. SQLite database product in android studio
24. How to create new SQLite database in android studio
25. How to add and delete rows in SQLite database in android studio
26. How to print database contents results in android studio
27. Running the SQLite application in android studio
28. How to play video in android studio
29. How to capture Image app using android studio
30. How to take photos with camera using android studio
31. Learning what are shared preferences
32. Example for shared preferences in android studio
33. Debugging and running apps made easy how to run applications without emulator
34. How to create APK File for distribution, signed APK using android studio
35. How to run our application on an actual device