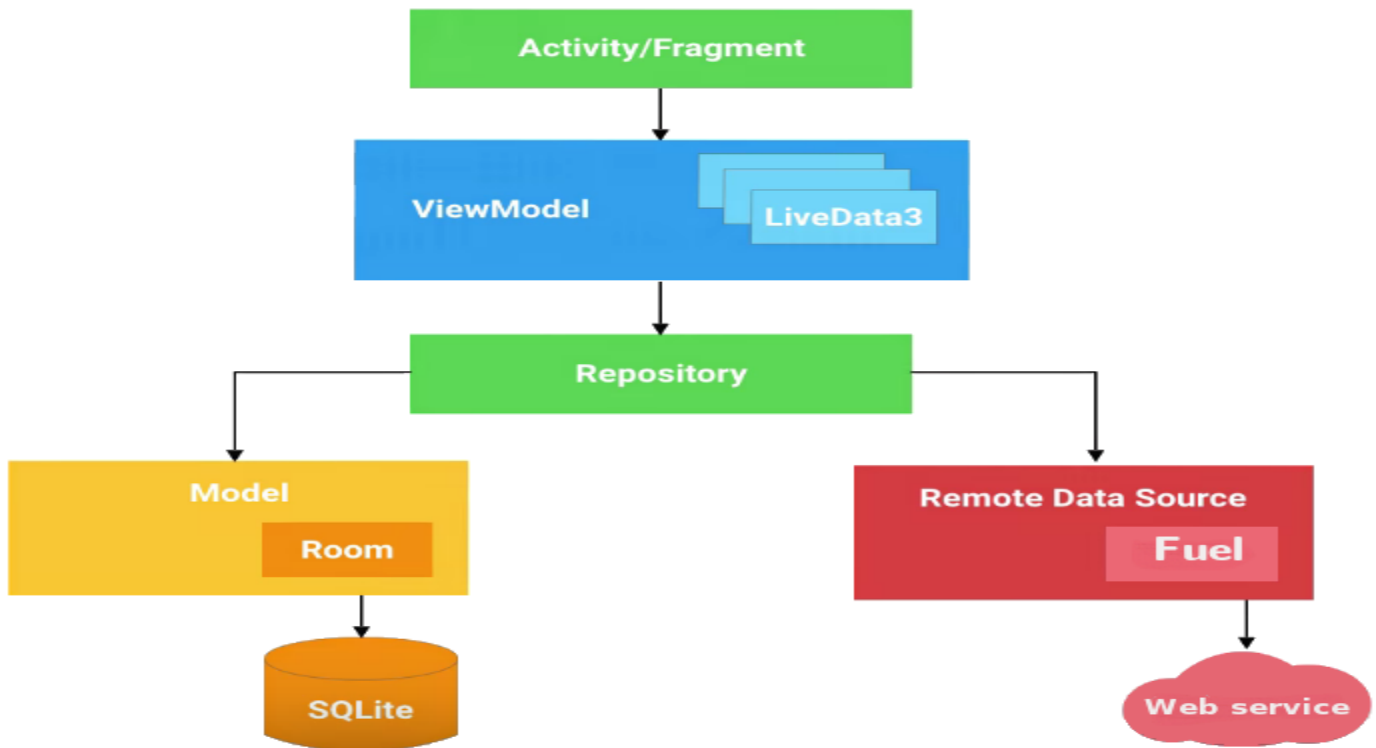




LEARN TODAY AND LEAD TOMMOROW



Overview

Let eMexo Technologies **Best Android training in Bangalore** take you from the fundamentals of Android to Advance Android and make you an expert in developing real time Android applications. Here are the major topics we cover under this Android course Syllabus Basics of Android, Android Components, UI Widgets, Intents, Android Menu, Layout Manager, Adaptor, View, Advance Android which includes Fragment, Android Service, Data Storage, SQLite, JSON & XML, Content Provider, Android Notification, Multimedia, Speech API, Telephony API, Social API Integrations, Firebase Integration, Material Design Basic Concepts.

All the topics will be covered with Practical and hands on training. Our trainers have industry experience with live project experience in cutting edge technologies which they teach. We hire only Best Android industry specialists as trainer for our Android trainings.

Come over to our training institute for a free demo class. Let our trainer give you a demo on Android and only then you take the decision to enroll into the training program.

Training Features

Expert Instructors

60 hours of Instructor led Classes. Weekend class:20 sessions of 3 hours each and Weekday class:30 sessions of 2 hours each.

Real life Case Studies

Do a real life case study to understand the usage on real world scenarios.

Assignments

Each class will be followed by practical assignment which can be completed before the next class.

Unit 1 : INTRODUCTION TO ANDROID DEVELOPMENT

- Basics of Android
- Android Architecture
- Android Studio Setup – Modifying project parameters in Android Studio and Gradle build files
- Adding dependencies in Android Studio and Gradle build files,DDMS
- Activity Lifecycle

- Event Listener

Unit 2 : ANDROID LAYOUTS, WIDGETS AND IMPLEMENTING EVENT RECEIVERS

- LinearLayout
- RelativeLayout – Adding a widget to the user’s home screen and updating active home screen widgets
- FrameLayout
- TableLayout
- WebView
- CheckBox
- RadioButtons
- Spinner
- AutoCompleteTextView
- CardView
- TimePicker
- DatePicker Dialog
- BroadcastReceivers (System & Custom)
- LocalBroadcastManager

Unit 3 : ACTIVITIES, INTENTS, FRAGMENTS AND NOTIFICATIONS

- Activities – Persisting application state during configuration changes and creating activity hierarchies
- Fragments
- Explicit and Implicit intents – Navigating between activities using intents
- Using NotificationCompat to Show Notifications – UsingPendingIntentto package and send a delayed action

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- Services for executing background work
- UsingJobSchedulerfor syncs and periodic tasks
- Scheduling time sensitive tasks with alarms

Unit 4 : CUSTOMIZING WIDGETS AND CONSTRUCTING OPTION MENU

- GridView
- ListView – Building layouts using XML and Java code and Grouping common UI design elements with styles
- RecyclerView – Handling item touch interactions in a RecyclerView
- DrawerLayout – Providing alternative resources for device configuration changes
- Canvas & Paint – Customizing the application theme
- Extending framework UI components to create custom views and validating application layouts properly respond to accessibility events
- Constructing Option menus for action bar navigation

Unit 5 : STORAGE, MEDIA AND ANIMATIONS

- Internal & External File Storage
- HaredPreference – Creating settings UI using the preferences framework and reacting to changes in a Shared Preferences instance
- MediaPlayer & VideoView
- Tween Animation
- View Property Animation
- Frame Animation

Unit 6 : WEBSERVICES

- Overview of SAS
- Application of SAS

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- SAS Environment
- Interface
- Components
- SAS Libraries
- Programs
- Data Step
- Proc Step
- Key Concepts – Data Set
- Descriptor
- Portion
- Data Portion
- Observation
- Variables

Unit 7 : LOCATION AND GOOGLE MAP

- Fetch Users Current Location
- Reverse Geocoding using Geocoder
- MapFragment
- Showing Current Location on Map
- Showing Markers on Map
- Exploring different Map Types Animated Zooming using Camera

Unit 8 : DATABASE FRAMEWORK AND THIRD PARTY LIBRARIES

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- Using SQLiteOpenHelper – Accessing static bundled data in assets (e.g. premade databases, config files)
- SQLite Data Types
- Mapping between Table & Widgets using CursorAdapters
- Async CursorLoader
- Palette for extracting colors from images
- Picasso for Image Loading & Caching
- ButterKnife for Injecting Views
- TimesSquare for showing CalendarView
- Cupboard for ORM

Unit 9 : LOCALIZATION, SENSORS AND SOCIAL MEDIA INTEGRATION

- Localization
- Facebook Integration
- Dropbox Integration
- Google Drive Integration
- Exploring Android Sensors

Unit 10 : END-TO-END APP DEVELOPMENT & PUBLISHING

- Debugging Applications
- End to End App Development including writing and executing automated unit tests on the local JVM
- Writing and executing automated instrumentation tests on an Android device
- Using the system log output (andlogcattools) to trace code execution
- locating an error from the stack trace of an uncaught exception and using Strict Mode to locate and report threading violations and leaks

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- Using Proguard to obfuscate applications
- Generating Signing Keys
- Publish the application on Google Play Store (Live Demo)
- Doubts & Queries Using Proguard to obfuscate applications

FAQs

1. How is the training organised? How much percentage is theoretical and how much is practical hands on?

We at eMexo believe nothing beats a hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical hands-on oriented. You learn a concept, you practice it then and there with the trainer. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer next day.

2. What is the course duration? How and when do you plan to complete the course?

We generally cover our courses in 60 hours, however, we are aware that we can't put a hard-stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, doesn't matter.

3. What is the material provided in the training?

We have industry standard course material which is used by our trainers to train you. At the end of the training apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions etc.

4. Do you help in preparing for the interview?

Our trainers are working professionals who work in MNC's. They are the expert in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions they will also conduct mock interviews to help you prepare for the real interview.

5. Who are your trainers?

Our trainers are industry experts who work in their respective technologies day in day out. They work in MNC's and are technology experts within their organisation.

6. What is the total batch size per course?

We maintain a strict batch size of maximum 5 students. We also provide exclusive one to one training as well.

Talk to our training partner to get more details.

7. Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8. Will I be joining a new batch or be merged with another batch ?

You will be added to a new batch.

9. Is fast track training available?

Yes, we provide fast-track training as well for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain same. However, the trainer will be spending more hours with you to complete the course.

10. Do you assist in job placement ?

Our trainers are expert professionals in their organisations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look in a resume.

11. Timings for trainings - Regular training/weekend training

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12. Will you be working on a live project during training ?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and work with you for the implementation.

13. What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us you might miss a class but not the content.

14. Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counsellor on phone at 9513216462 or email us at info@emexotechnologies.com to arrange for a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.