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Android App Development Course Curriculum



Mission

To build Android apps from scratch and how industry experts design Android Architectures , by using some of the famous libraries, and design beautiful User Interface.

Description

Produce cloud-connected Android apps, and learn the tools, principles, and best practices of mobile and Android development that you'll apply to your own projects.

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Skills You Will Learn

Responsive Design , Material Design ,
Networking, Gradle , Libraries , Retrofit
and Gson , etc

Estimated Time	Modules	Project or Target	Learning Outcome
Day 1 & 2	Module 1 Java	Java	Collections, OOPS, Exceptions
Day 3 & 4	Module 2 Android Basics	Android Architecture	Android Architecture, Activities, Intent, XML, attributes, Lifecycle
Day 5 & 6	Module 3 Android Single Screen	Quiz App	Parent layouts (Linear, Relative), Image, Button, Text, EditText, ConstrainLayout
Day 7 & 8			
Day 9 & 10	Module 4 Permissions and Networking	Search Books [Google Books API]	HTTP [GET, POST, DELETE, PUT], API, JSON, Permissions, Menus, Multi-threading
Day 11 & 12			
Day 13 & 14	Module 5 Android Multi-screen UI	Movies UI [TMDb API]	Fragments, RecyclerView, Tabs, BottomTab, Material Design
Day 15 & 16			
Day 17 & 18	Module 6 Libraries: Retrofit, gson	Movies API [TMDb API]	Retrofit and Glide, gradle (build system)
Day 19 & 20			

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