

Android Application Development

version 12



- Covers a wide range of Android development topics.
- Demonstrates visual, behavioral and motion rich Android widgets.
- Displays step-by-step lab exercises to build Android apps.
- Includes guides to build Google Maps and Firebase database apps.
- Presents Android app publishing guidelines.

By Android ATC Team

www.androidatc.com

Android ATC

Android™ Application Development

Exam Code:AND-X01

Hands-on Guide to Android Application Development

Because this book is being published at a time of a global pandemic, this book is dedicated to all front-line workers who put their lives at risk to save our lives. Doctors, nurses, laboratory staff, researchers, volunteers, janitors and everyone in the health system, you are the superheroes battling and supporting our back at this difficult time. Now and always, thank you!

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© 2021 Android ATC Published by: Android ATC

Sixth Printing: October 2021.

First Printing: October 2013.

ISBN: 978-0-9900143-0-0

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Android application development is a detailed guide that provides the basics to build Android applications. It is a combination of theoretical lessons and practical labs that covers skills and knowledge every Android developer should learn before starting the development of real-world applications.

All lessons and their lab exercises in this book were built to comply with the latest versions of Android SDK and Android Studio IDE. Since the update of both Android SDK and Android Studio is a continuous process, it is highly possible that any of these components has already been updated by the time you start your training using thisbook. If this is the case, you might notice some minor difference in the lab steps and the screenshots provided, depending on how major an update has been. Updates neither make the lessons outdated nor the labs incorrect. It is only impractical to release a new version of the book for every update.

This book is intended for trainees with background in object-oriented programming. It is expected to have such differences between the Android Studio version you are using and the one followed in the book; however, this should not constitute an obstacle for learning and following the labs.

Android ATC training team continuously works on providing the most up to date labs and code samples. Nonetheless, we would like to apologize in advance in case any lab step or screenshot was inaccurate.

Warning and Disclaimer:

This book is designed to provide information about Android application development course and exam AND-X01. Every effort has been made to make this book as complete and as accurate as possible.

Exam

You can examine your knowledge on the content of this book by taking the online exam AND-X01 through Pearson-VUE testing centers worldwide. Passing this exam grants the examinee the title: "Android Certified Application Developer". For more information, visit: [http:// www.pearsonvue.com/androidatc](http://www.pearsonvue.com/androidatc)

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Readers' feedback constitutes the natural continuation of this process. If you have any comments regarding how we could improve the quality of this book, or otherwise modify it to better suits your needs, you may contact us by email at: info@androidatc.com. Please make sure to include the book title and ISBN in your message.

We greatly appreciate your assistance. Android ATC Team

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