Android Fundamentals: Implementing Effective Navigation

GETTING STARTED

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Navigation Methods

Activities
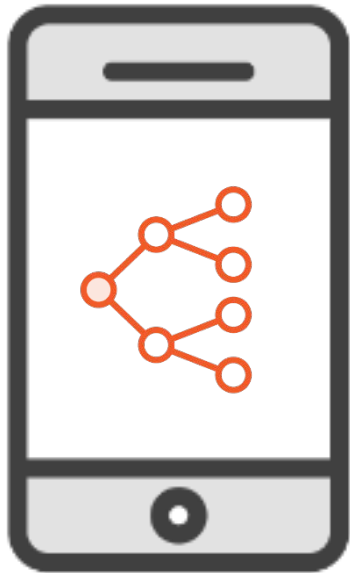
Fragments

Dialogs

Tabs

Navigation Views

Navigation Drawers

Floating Action Buttons

Menus

"Skeleton App"

Activities

Fragments

Tabs

Navigation Views

Navigation Drawers

"Skeleton?" | **No real data**

Course Objectives

Activities

Fragments

Alert Dialogs

Navigation Views

Tabs

Navigation Drawers

Prerequisites

Prerequesites

Basic knowledge of Android Studio

How to test apps

- Android Emulator
- Or a real device

A Warning!

A Balance

Effective Navigation

As real as possible

Where to Get More Information

Resources

RecyclerViews

Material design

Building layouts

Dependencies

RecyclerView support library

Design support library

CardView support library

CircleImageView open source library

LikeButton open source library

Glide library

NavigationView open source library

Build.Gradle (app)

```
//recyclerview
compile 'com.android.support:recyclerview-v7:27.0.2'

//design library for Coordinator Layout, Tabs, Navigation Bars,
//Floating Action Buttons..etc..
compile 'com.android.support:design:27.0.2'

//cardview
compile 'com.android.support:cardview-v7:27.0.2'

//circle images
compile 'de.hdodenhof:circleimageview:2.1.0'

//LikeButton
compile 'com.github.jd-alexander:LikeButton:0.2.3'

//glide
implementation 'com.github.bumptech.glide:glide:4.4.0'
annotationProcessor 'com.github.bumptech.glide:compiler:4.4.0'

//BottomNavigationView customization
compile 'com.github.ittianyu:BottomNavigationViewEx:1.2.4'
```

Android Studio v 3.0.1

SDK version 27

The Story Behind the App

Tabian Dating

Objectives

Overall "feel" for the app

Minor customization

No authentication, database, or storage

Shared preferences

App Demo