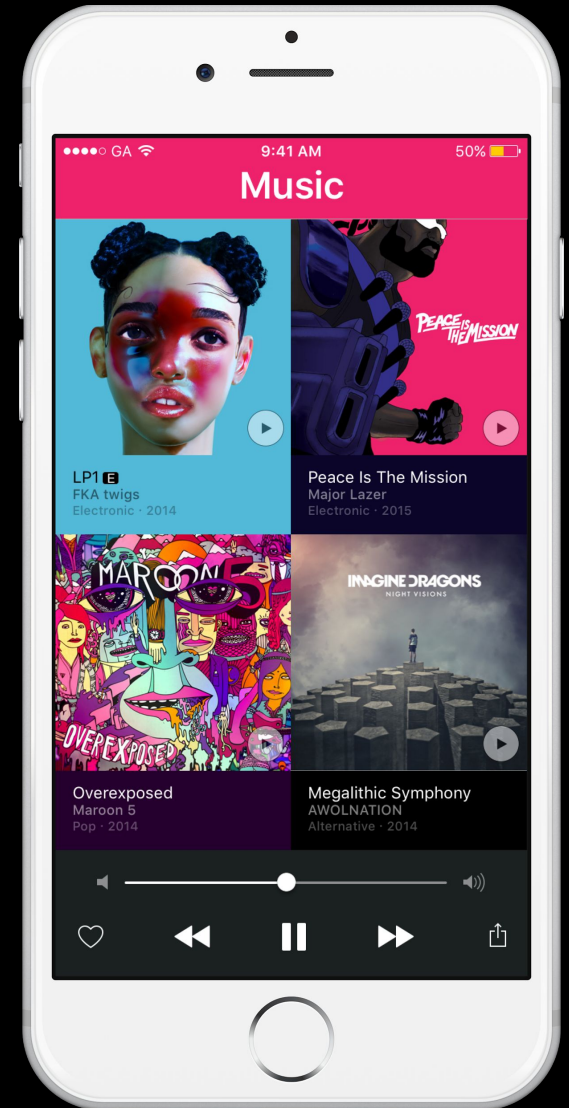


TABLE VIEW TRICKS

Wellington Moreno

Lead iOS Instructor, General Assembly



LESSON

LEARNING OBJECTIVES

- + **Refresh Data**
- + **Utilize** pull-down-to-refresh
- + **Apply** Sorting algorithms
- + **Update** table view with animations

OPEN THE STARTER CODE

DIRECTIONS



CODE

5 mins

Open the starter code

REFRESHING DATA

LESSON

**IN WHAT SITUATIONS
WOULD YOU WANT TO
REFRESH DATA?**

ACTIVITY: WRITE-PAIR-SHARE

DIRECTIONS

In what situations would an App need to refresh data?

DELIVERABLE

Write your thoughts down, discuss with a partner



EXERCISE

5 mins

LESSON

USE CASES

- + New content on the server**
- + Check for updates**

PRACTICE: TABLE VIEWS



5 mins

DIRECTIONS

Add a Refresh button to your nav bar that prints "I'm refreshing" when it is clicked

NOTES

Make sure to add the button to the Top-Right in the Nav Bar.
Add a NavBar Item to the view controller if you don't get the option

DEMO

FOLLOW ALONG

REFRESHING DATA

PULL-TO-REFRESH

DEMO

FOLLOW ALONG

APPLYING PULL-TO-REFRESH

PRACTICE: PULL-TO-REFRESH

DIRECTIONS

Style the Refresh Controller

- + Change the background color to red
- + Change the spinner's color (tint color) to white



CODE

10 mins

TABLE VIEW ANIMATIONS

LESSON

ANIMATION TYPES

- + Row Animations
- + View Transition Animations

PRACTICE: SWIPE-TO-DELETE

DIRECTIONS



CODE

10 mins

Add Swipe-To-Delete to the App

DEMO

FOLLOW-ALONG

USING TABLE VIEW ANIMATIONS

PRACTICE: SWIPE-TO-DELETE



5 mins

DIRECTIONS

Update the Swipe-To-Delete to use a different animation:

Try 3 or more different animation types

BEST PRACTICES

BEST PRACTICES

**RELOAD DATA IN ANOTHER
THREAD**

BEST PRACTICES

DON'T OVERUSE ANIMATIONS

THANKS!

WELLINGTON MORENO

- + GitHub/Slack: **@SirWellington**
- + Twitter: **@SirWellingtonZ**
- + Email: **wellington.moreno@ga.co**

FOR INSTRUCTOR PURPOSES ONLY

MATERIALS

- + [Lab](#)
- + [Lesson Plan](#)
- + Lesson Starter Code