deleteRecipe

Provide users the option to interact with the Recipes app

Section 1

10mins

Estimated Time

using the Touch Bar.

Add Controls to the Touch Bar

Project files ⊕

Important

Download the project files and follow these steps to add Touch

-13

Xcode 12.2 or later >

Bar support to the Recipes app.

If your Mac doesn't support Touch Bar, choose Window > Touch Bar > Show Touch Bar from the Xcode menu bar to use an onscreen Touch Bar to test

your changes to the Recipes app.



toggleRecipeIsFavorite

editRecipe

Define identifiers for the delete recipe, edit recipe, and toggle favorite controls that will appear in the Touch Bar. Step 1 Choose File > New > File. Select the iOS platform and the Swift File template, and then click Next. Name the file RecipeDetail TouchBar.swift and click Create. Step 2 Replace import Foundation with import UIKit and add a targetEnvironment() conditional block. Note The Touch Bar is only available in the Mac Catalyst target environment.

Step 4 Add an extension on RecipeDetailView Controller conforming to NSTouchBar Delegate.

Add the delete recipe, edit recipe, and toggle

Add an extension on NSTouchBarItem

Environment() conditional block. Then add

the identifiers deleteRecipe, editRecipe,

.Identifier inside the target

and toggleRecipeIsFavorite.

favorite controls to the Touch Bar.

configure an instance of NSTouchBar.

Step 5

Step 3

Step 6

Set the Touch Bar delegate to the current

instance of RecipeDetailView

Controller.

Override makeTouchBar() to create and

Set the default item identifiers for the Touch Bar, and return the Touch Bar instance.

Note

Step 7

The Touch Bar displays items in the order they appear in the defaultItemIdentifiers array.

toggle favorite item to the Touch Bar when asked.

Add the Touch Bar delegate method touch Bar(_:makeItemForIdentifier:) that

case. Then return the Touch Bar item.

the specified identifier.

contains a switch statement with a default

The Touch Bar object calls this method to ask the delegate object for the Touch Bar item with

Provide the delete recipe, edit recipe, and

Note

Step 8

Step 9

Add a deleteRecipe case to the switch

Note RecipeDetailViewController provides the action selectors to delete the recipe.

Step 10

statement.

statement.

Note RecipeDetailViewController provides

the action selectors to edit the recipe.

Add an editRecipe case to the switch

Step 11

Note RecipeDetailViewController provides the action selectors to toggle the recipe's is Favorite property.

Add a toggleRecipeIsFavorite case to

the switch statement.

The Touch Bar now displays the controls from the Recipes app. However, the image displayed in toggleRecipeIsFavorite Touch Bar item doesn't change between a heart and filled heart when the recipe's is

problem.

Step 12 In the Project navigator, select Recipe DetailViewController.swift to open the file in the editor. Then scroll to the update

UI () method and set the image for the toggle

Build and run the app, and test the new Touch

Bar controls by selecting a recipe in the app. If

your Mac doesn't support Touch Bar, choose Window > Touch Bar > Show Touch Bar from

favorite Touch Bar item.

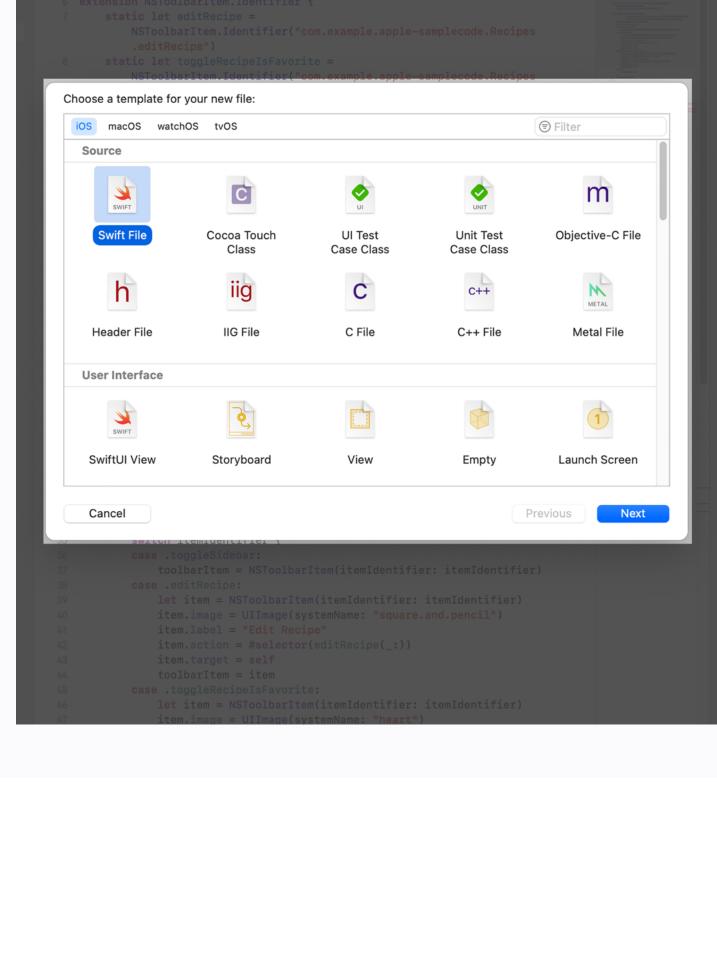
Favorite property changes. Let's fix that

the Xcode menu bar to use an onscreen Touch Bar to test your changes to the Recipes app.

Experiment

Question 1 of 3

What is the Touch Bar?



Check Your Understanding

The Touch Bar is an input view displayed above the virtual keyboard on iPad and iPhone. The Touch Bar is an input device located above the keyboard on select MacBook Pro models. The Touch Bar is an input window in macOS that displays dynamic controls people can use to interact with content in a main window of an app. Submit Next Updating the App Icon Recipes needs to provide icons in different sizes to make sure the app icon looks great on all supported devices, including icons sized specifically for the

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