

iOS (Dynamo)

Installation guide



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Power-up your charging experience with these innovative dynamic wallpapers.

Dynamo wallpapers utilise Shortcuts to change dynamically based on your iPhones battery life, and when your phone is on charge. Not only does this create a delightful interaction, it also improves visual communication of the charging cycle. Take your homescreen personalisation to the next level with Dynamo!



Installation guide

Dynamo wallpapers take approximately 10 minutes to install. You will need your iPhone, iOS 14, the Shortcuts app, and preferably another screen so that you can view this guide, or the video guide, whilst operating your phone.

View the video guide at the link below.

<https://vimeo.com/544589227>



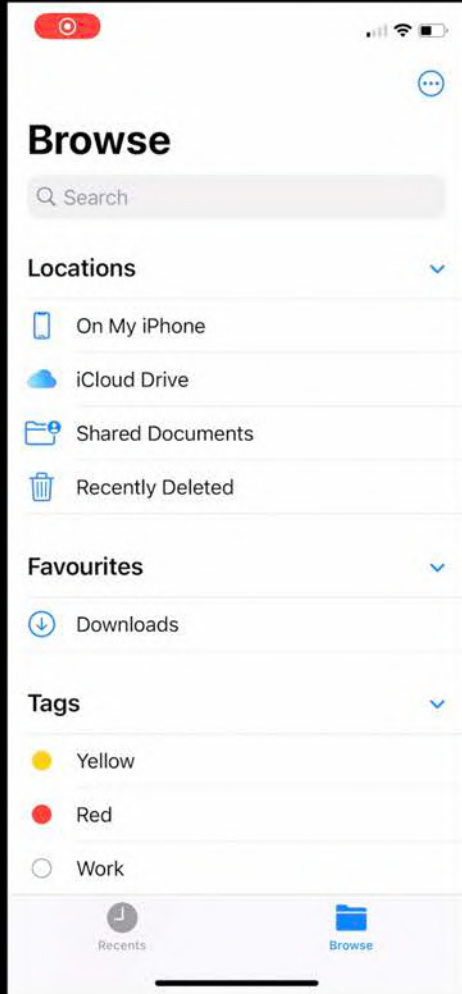
Part one

Download and move files to Shortcuts



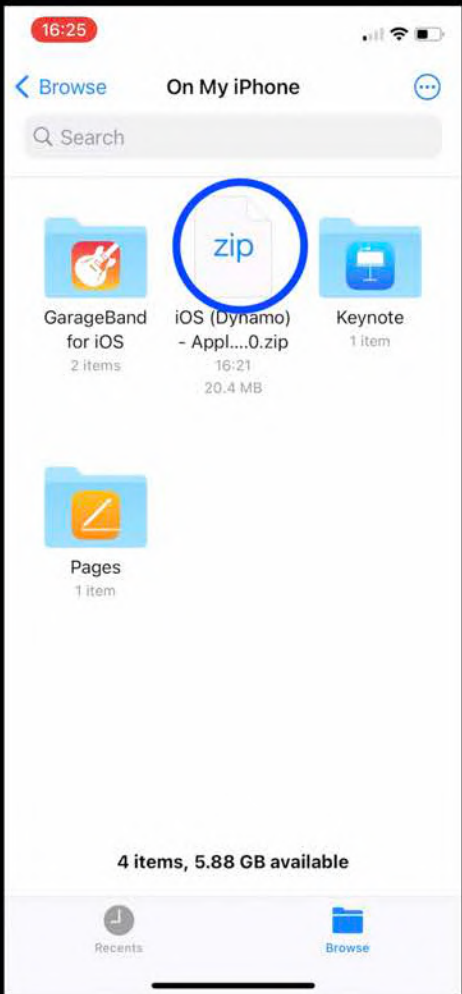
Part one - Download & move files to Shortcuts

1



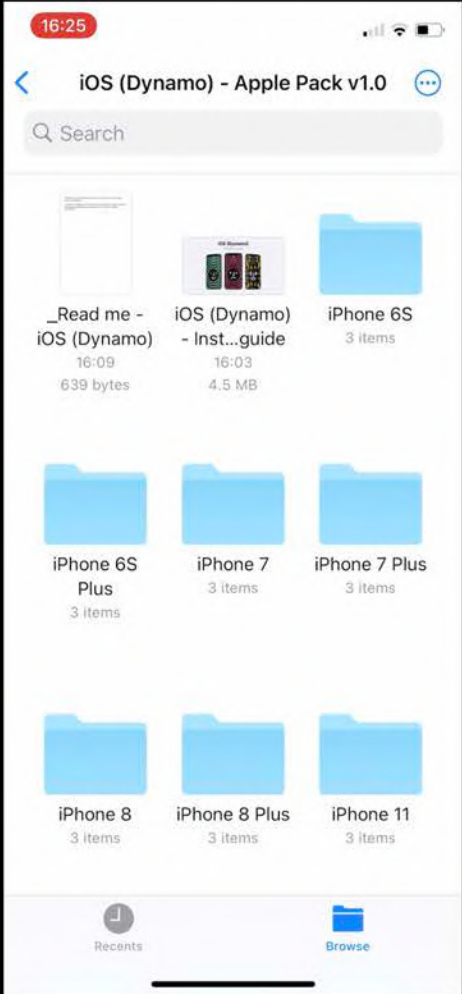
Download the zip file to your iPhone, and locate it in the 'Files' app.

2



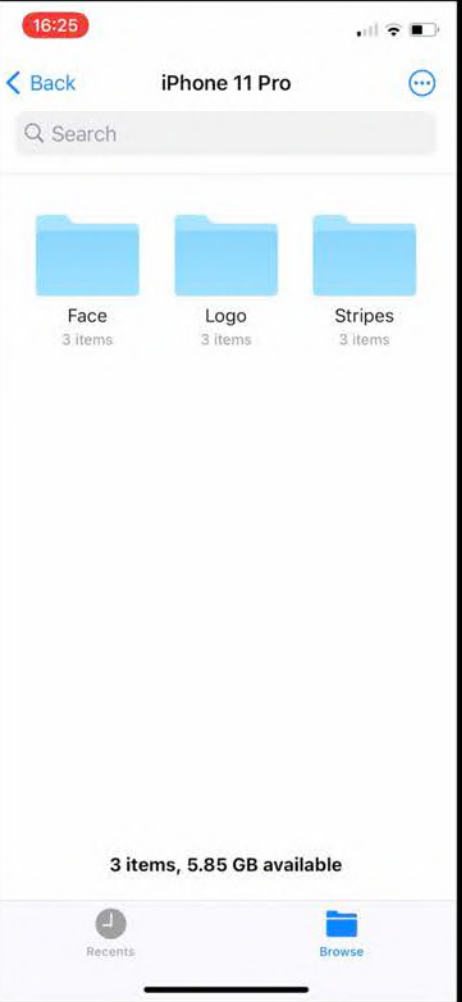
Unzip the file by tapping on it.

3



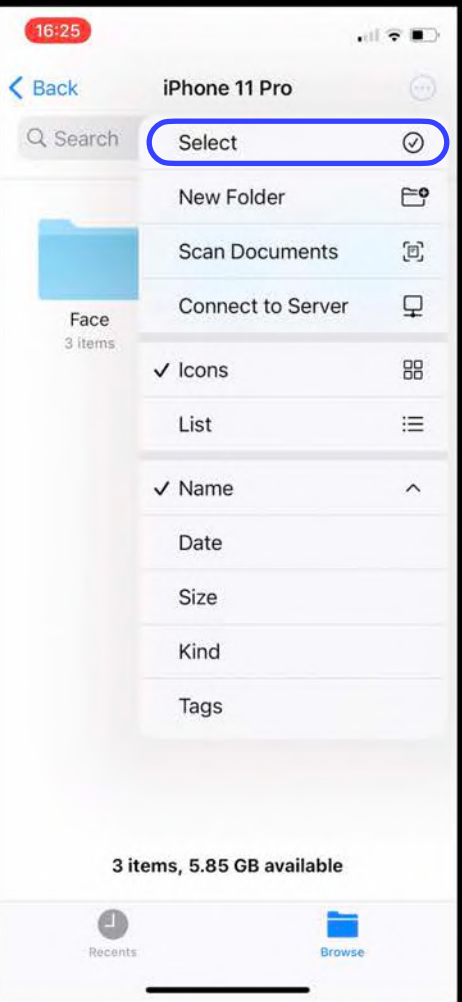
Tap on the folder to open it, and then tap on the folder optimised for your device.

4



Please note: The folder names will differ depending on which pack you purchased.

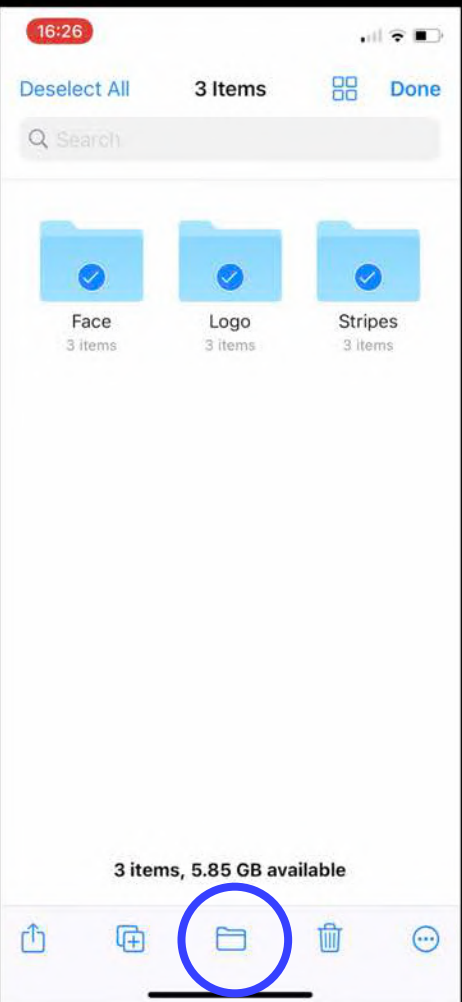
5



Tap on the 'Menu' and then tap on 'Select'.

Then tap 'Select all' which will be displayed on the top left.

6



Tap on the 'Folder' icon at the bottom of the screen,

Part one – Download & move files to Shortcuts

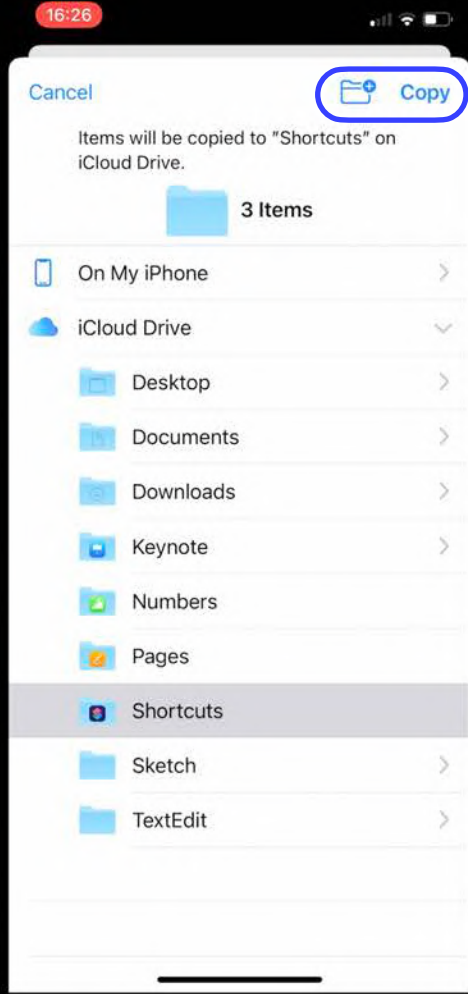
7



Find and locate the 'Shortcuts' folder on the iCloud Drive, and tap on it to select it.

Please note: If 'Shortcuts' is not showing in your iCloud Drive, you may need to open the 'Shortcuts' app first.

8



Then tap 'Copy' to copy the folders containing the wallpapers to this location.

Please note: Depending on where the files are located, this might say 'Move' rather than 'Copy'. In this case please tap on 'Move'.

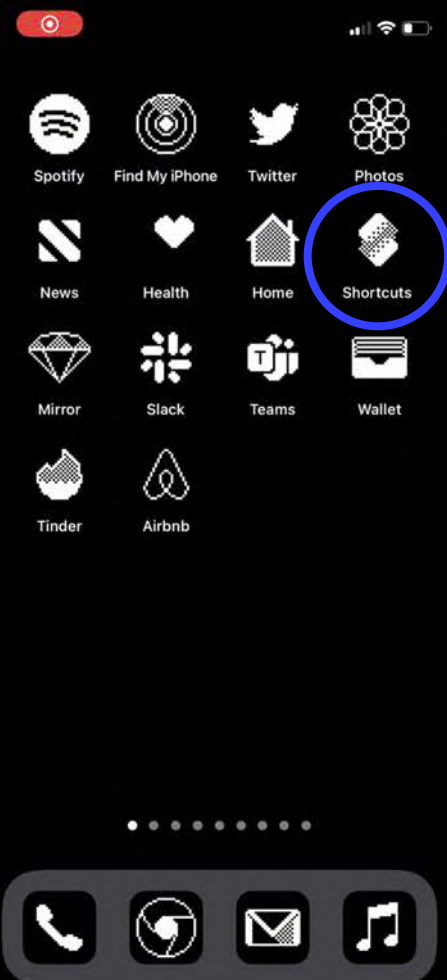
Part two

Create and run the automations



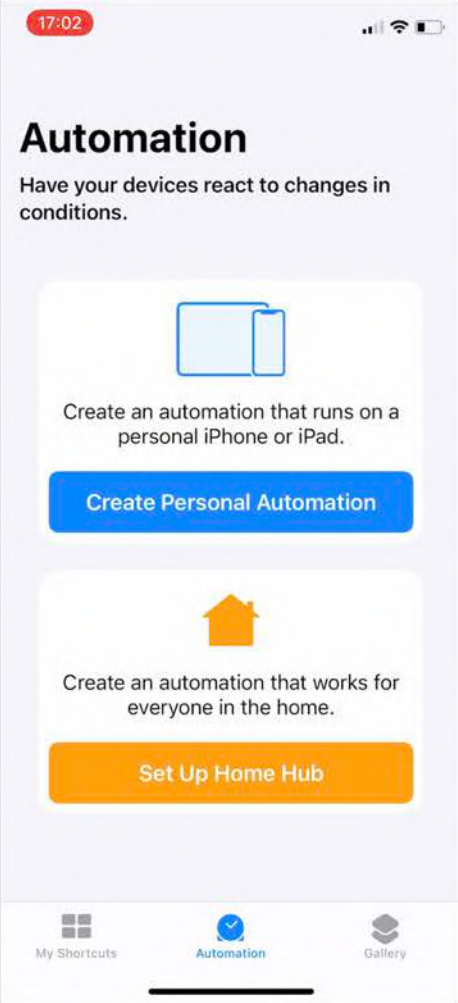
Part two - Create and run the automations

1



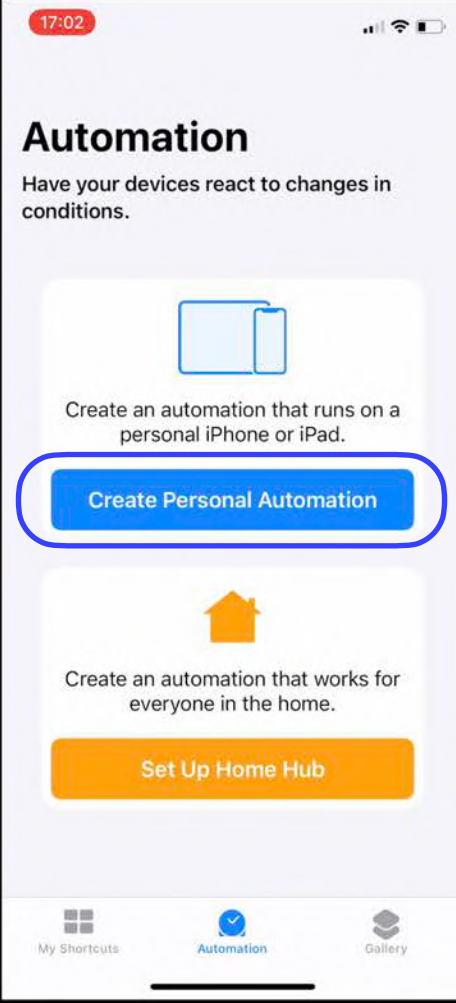
Open the 'Shortcuts' app.

2



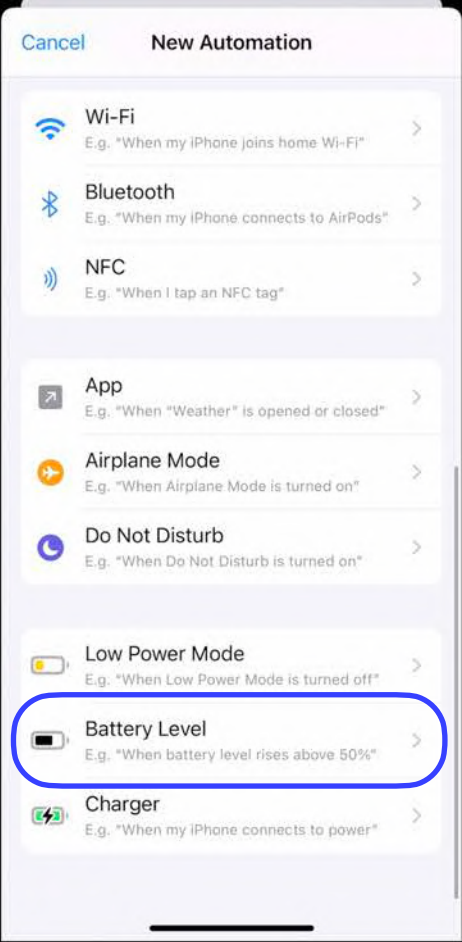
The first automation that we create will change the wallpaper when the battery falls below 20%.

3



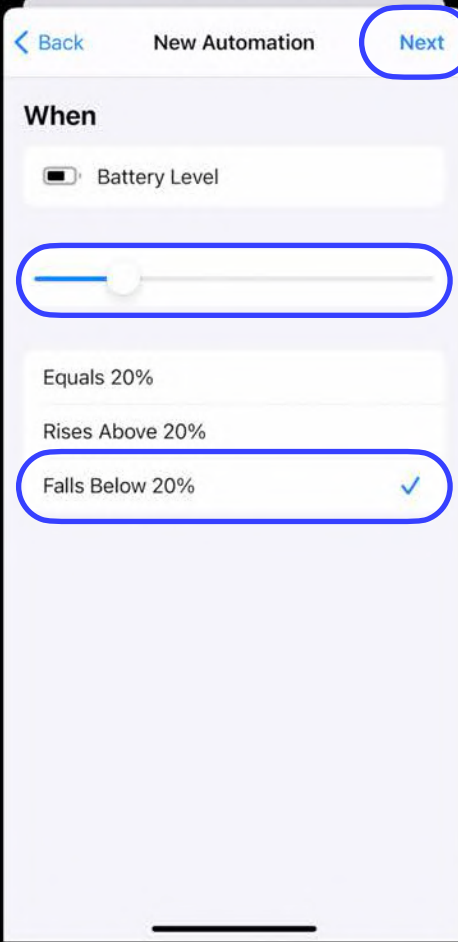
Navigate to the 'Automation' tab, and tap on 'Create Personal Automation'.

4



Scroll down, and tap on 'Battery level'.

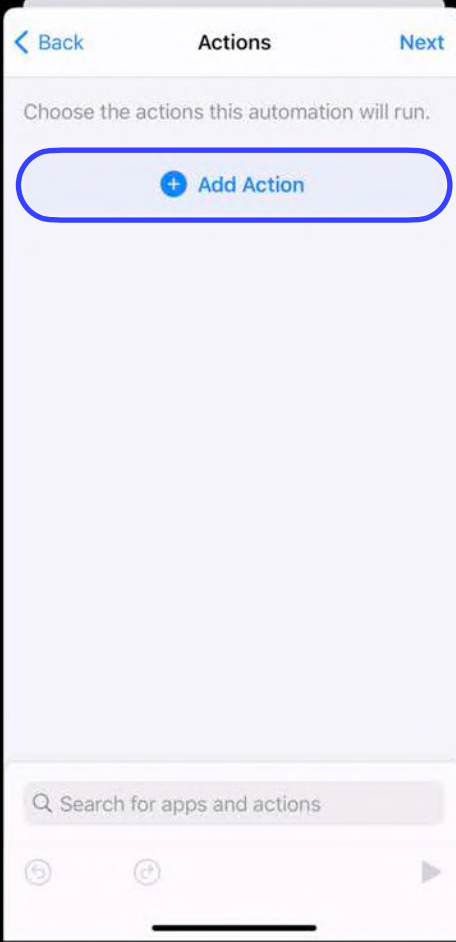
5



Adjust the slider to 20%.

Tap on 'Falls Below 20%', then tap on next.

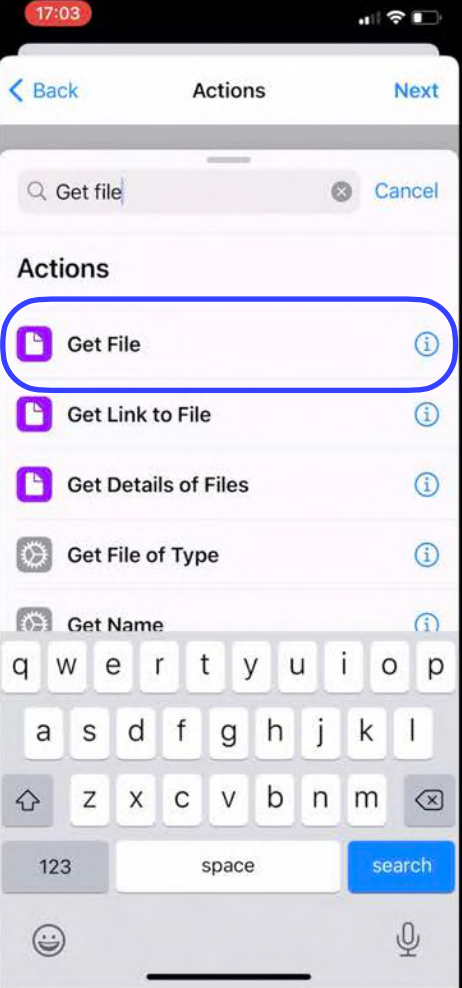
6



Tap on 'Add action'.

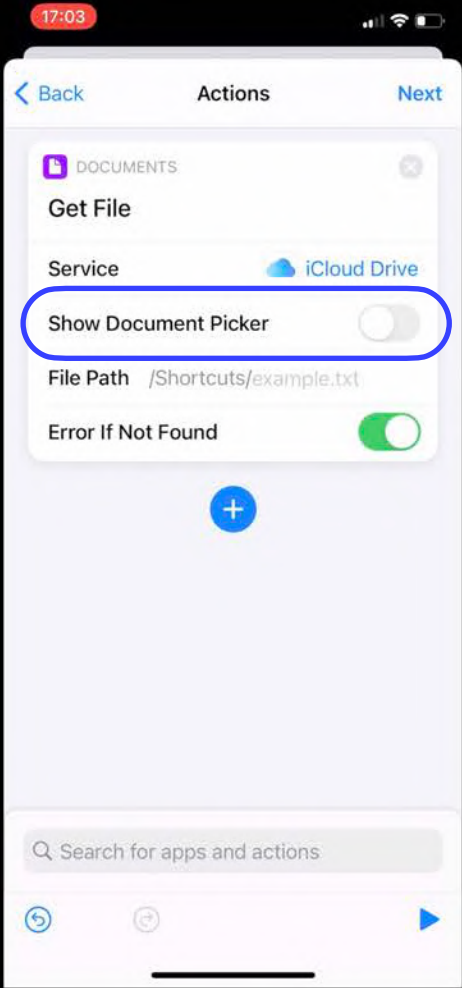
Part two - Create and run the automations

7



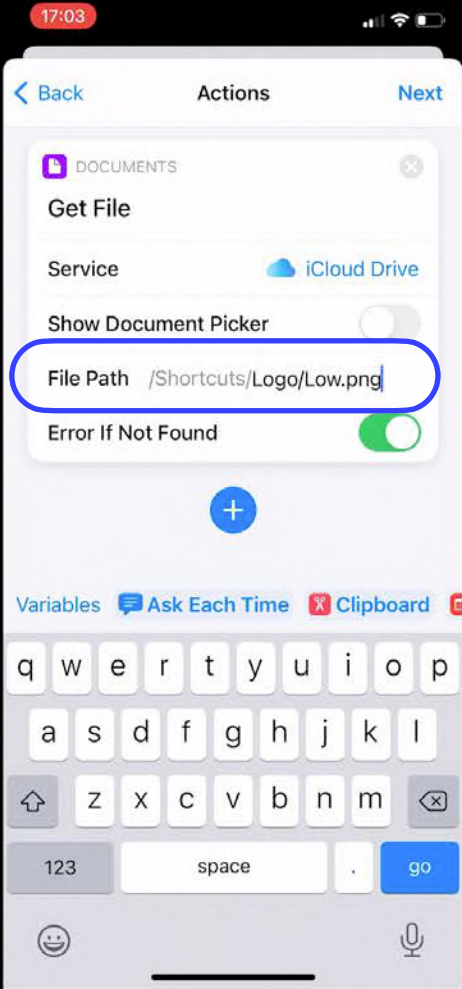
Search 'Get file', and then tap on it.

8



Toggle off 'Show Document Picker'.

9



Tap to add the file path of the wallpaper you would like to use in the following format.

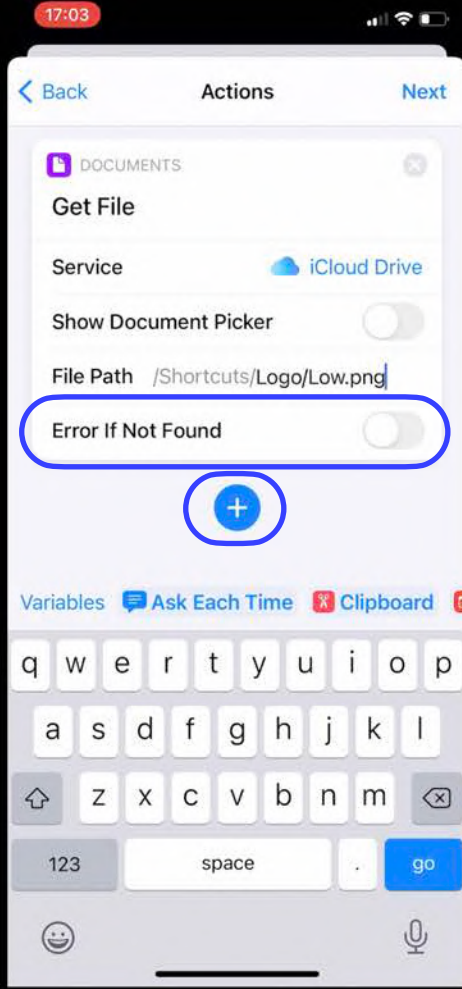
Shortcuts/Wallpapername/Low.png

Replace 'Wallpapername' with your chosen wallpaper - the names are shown on the left.

In this example I'm using the 'Logo' wallpaper from the 'Apple pack'.

Please note: Remember to include the forward slashes and match the text formatting as shown (it's case sensitive).

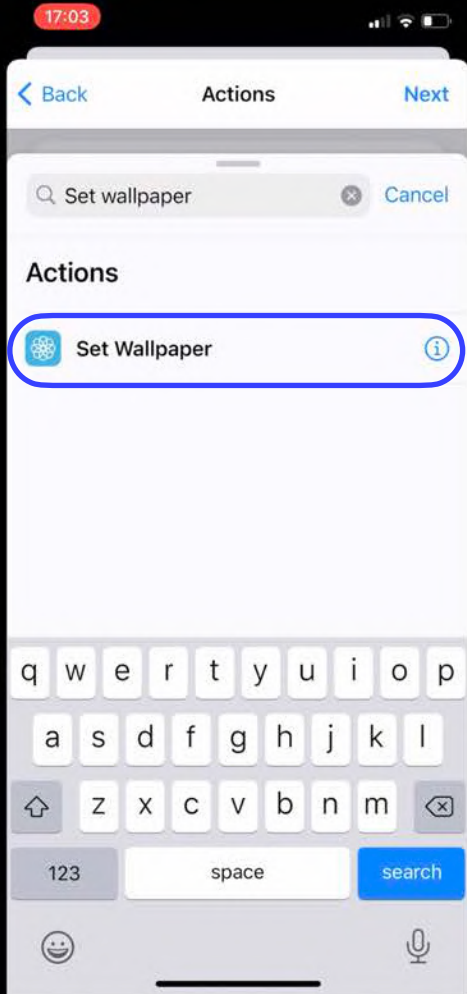
10



Toggle off 'Error If Not Found'. Then tap '+' to set the action.

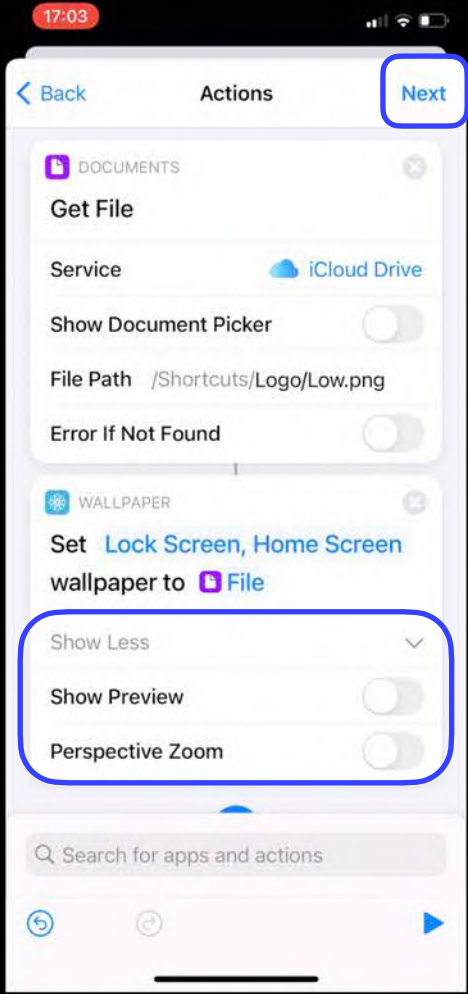
Part two - Create and run the automations

11



Search for 'Set Wallpaper' and tap on it.

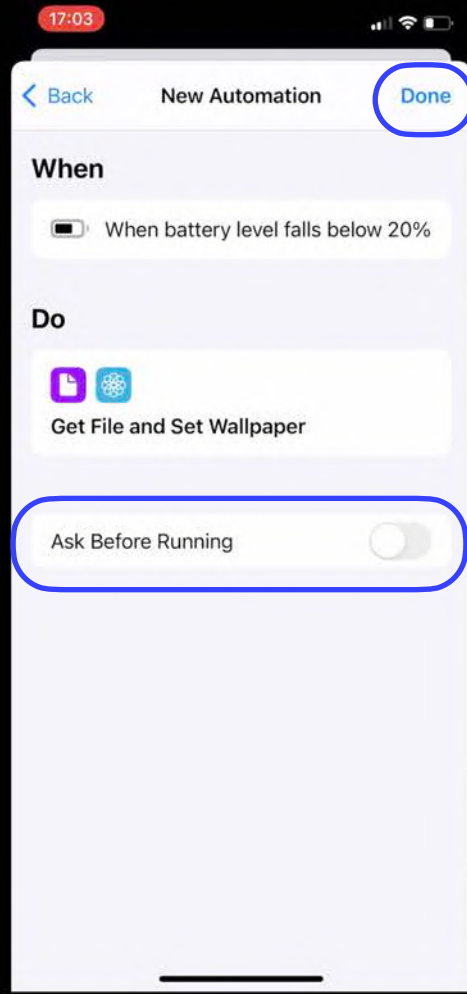
12



Tap on 'Show More' and toggle off 'Show preview'.

Then tap on 'Next'.

13



Toggle off 'Ask before running'.

And confirm by selecting 'Don't Ask'.

Tap on 'Done' to complete the automation.

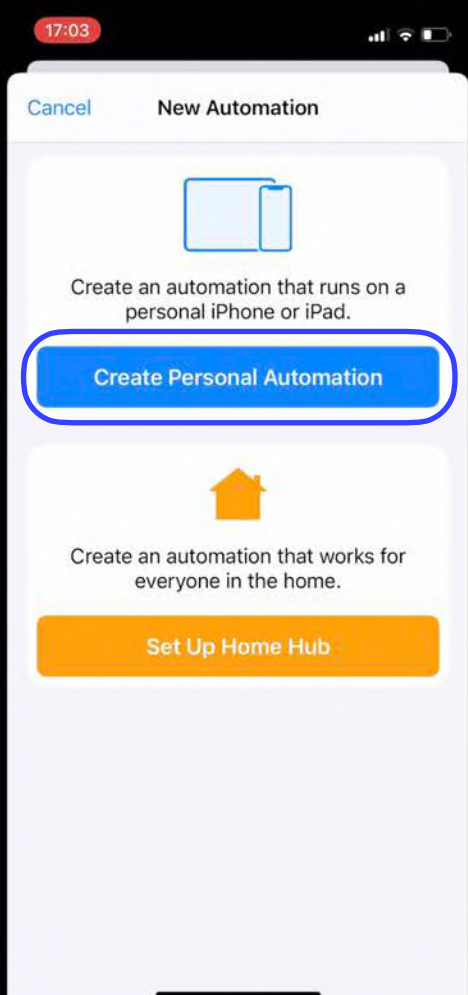
14



That's our first automation done. Good job!

Tap on the '+' icon to create the second automation.

15



This automation will update the wallpaper when the phone reaches 100% charge.

Tap on 'Create Personal Automation' to begin.

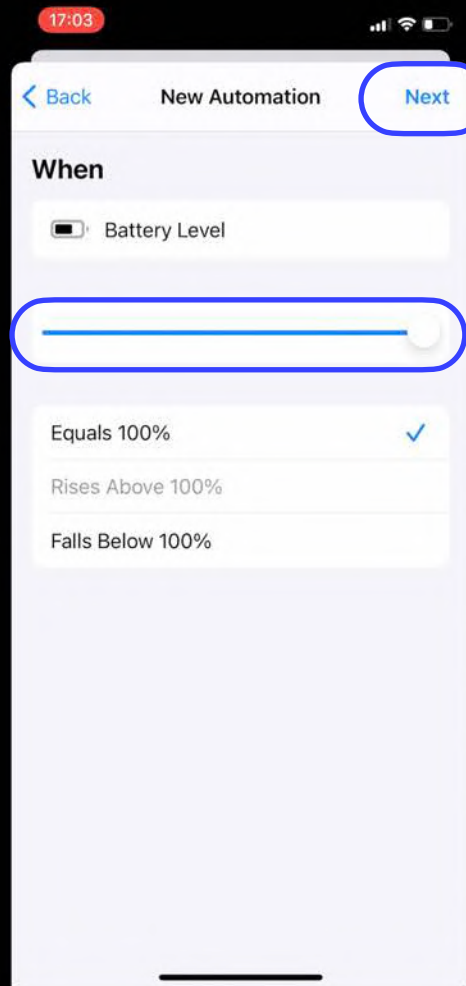
16



As before, scroll down, and tap on 'Battery Level'.

Part two - Create and run the automations

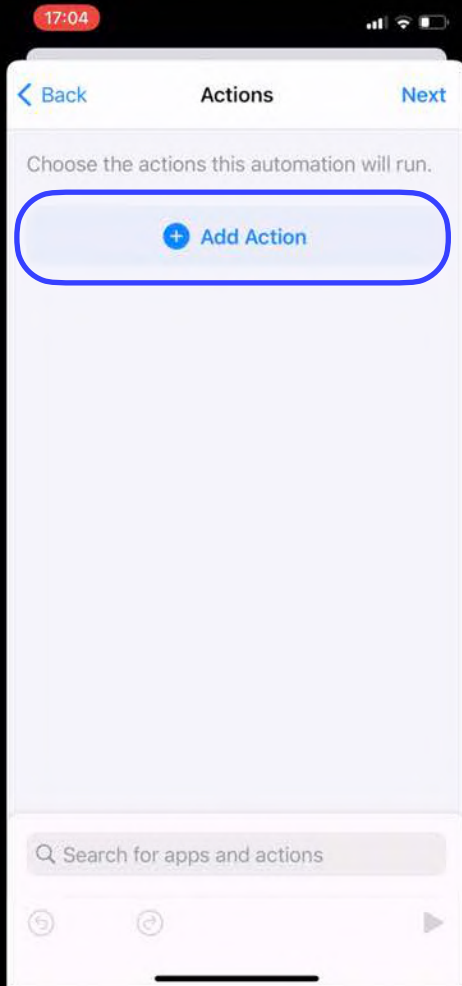
17



But this time, adjust the slider to 100%, and leave it on 'Equals 100%'

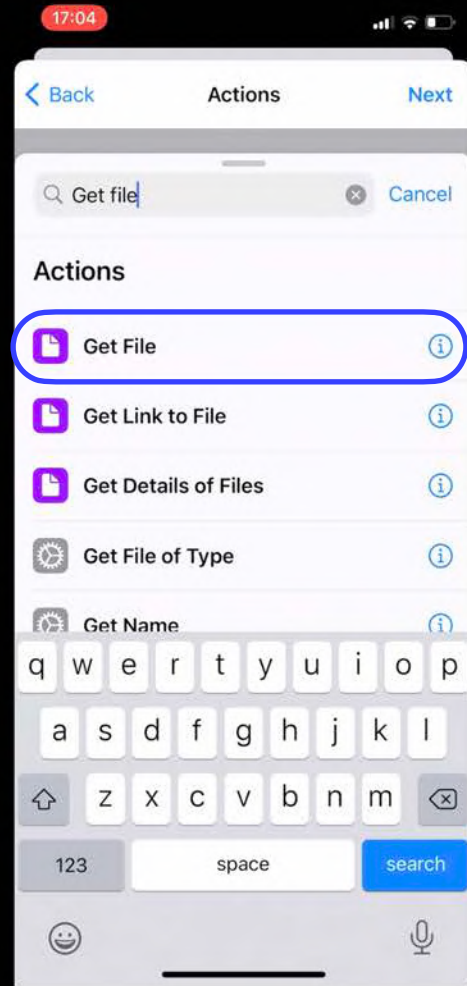
Then tap on 'Next'.

18



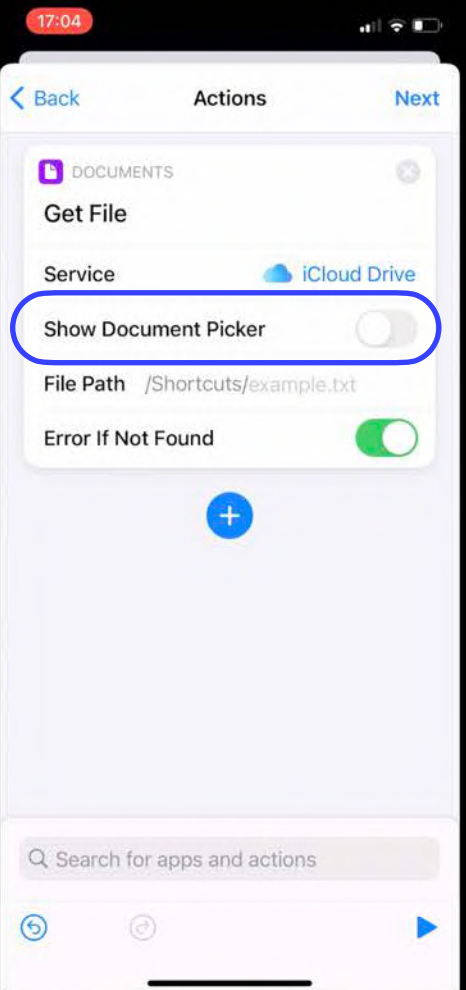
Tap on 'Add action'.

19



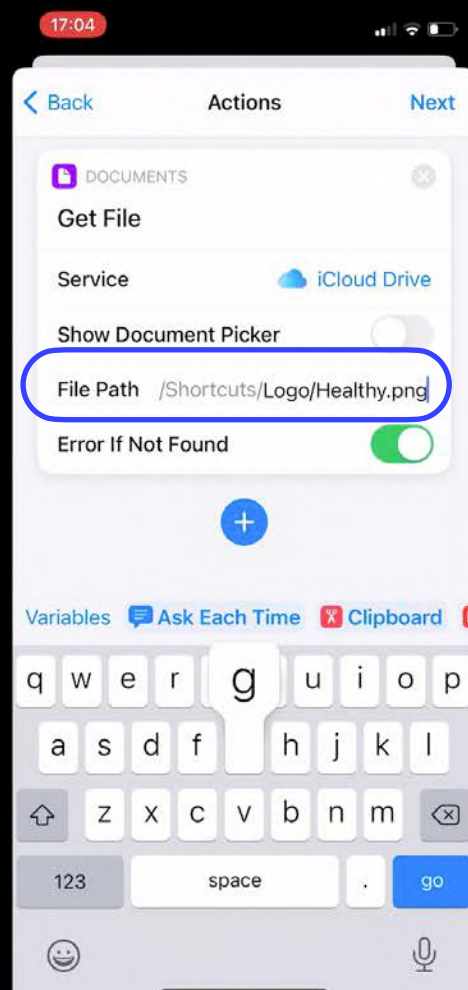
Search for 'Get file' and then tap on it.

20



Toggle off 'Show Document Picker'.

21



Tap to add the file path of the wallpaper you would like to use in the following format.

Shortcuts/Wallpapername/Healthy.png

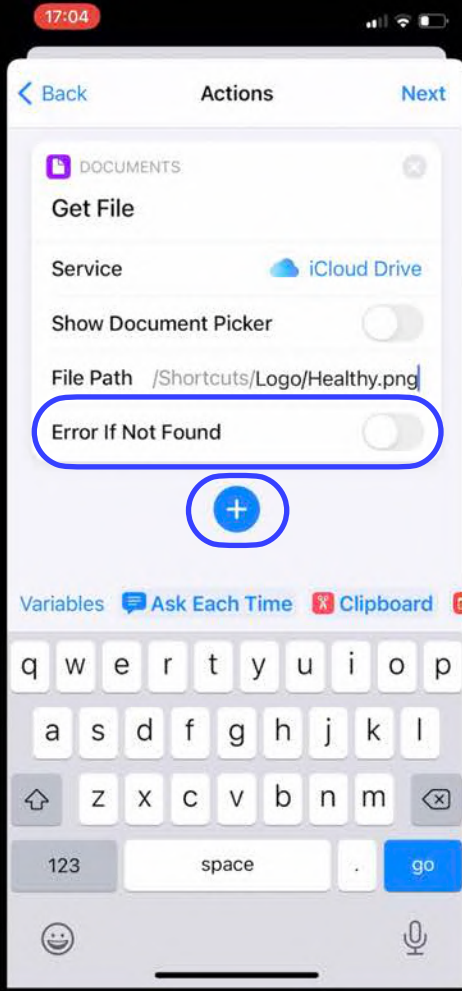
Replace 'Wallpapername' with your chosen wallpaper - the names are shown on the left.

In this example I'm using the 'Logo' wallpaper from the 'Apple pack'.

Please note: Remember to include the forward slashes and match the text formatting as shown (it's case sensitive).

Part two - Create and run the automations

22



Toggle off 'Error If Image Not Found'.

Then tap '+' to set the action.

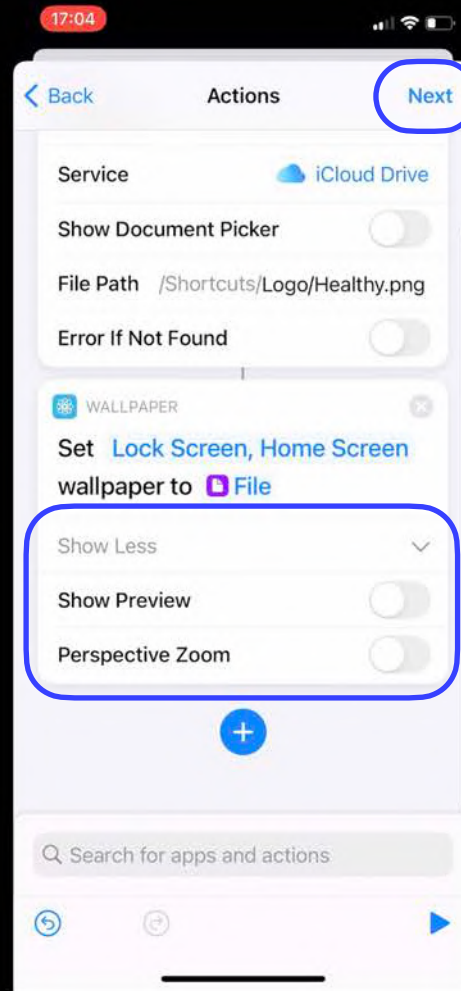
23



Search for 'Set wallpaper'.

Then tap on it.

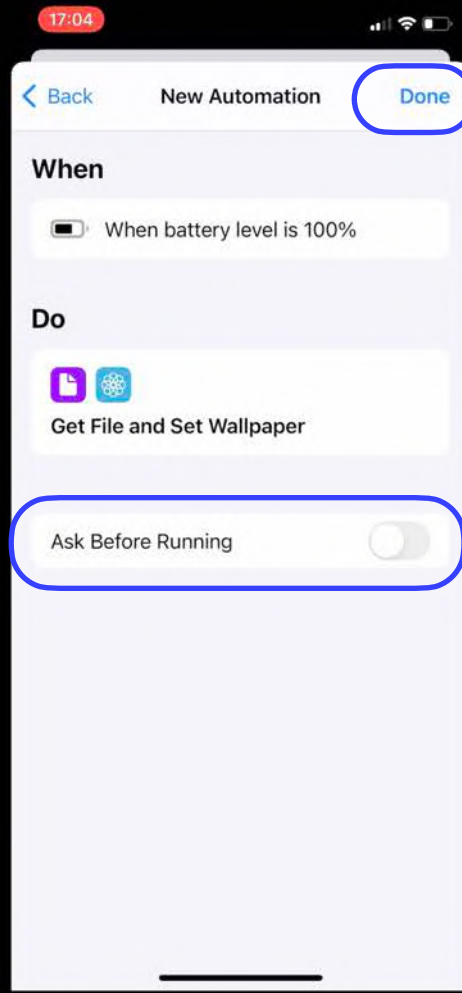
24



Tap on 'Show more', then toggle off 'Show Preview'.

Then tap on 'Next'.

25

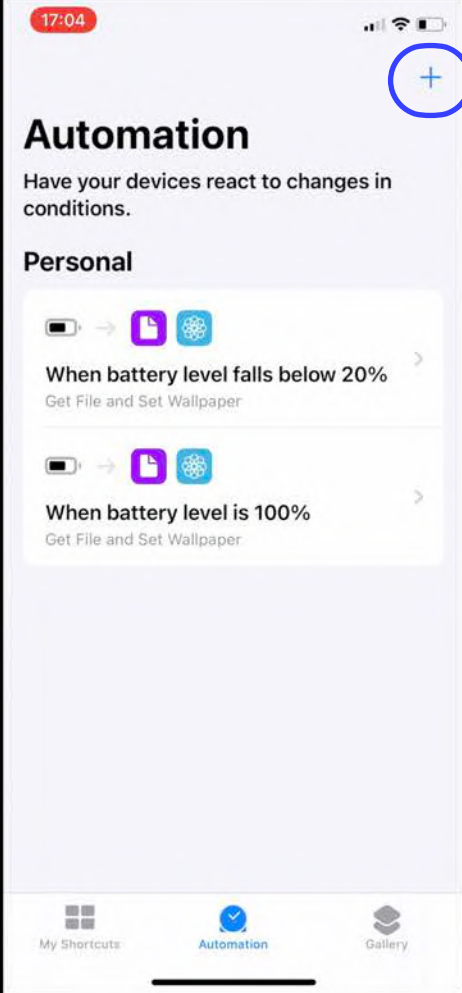


Toggle off 'Ask before running'.

And confirm by selecting 'Don't Ask'.

Then tap on 'Done'.

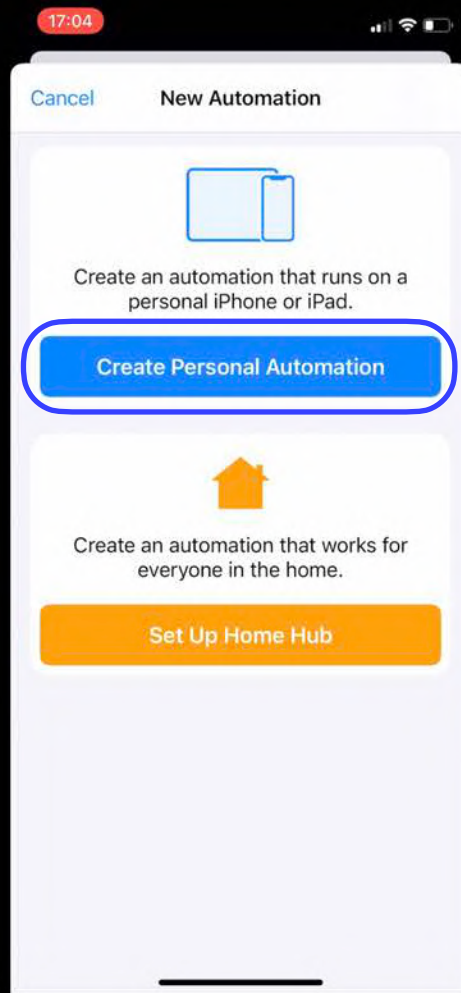
26



That's our second automation created!

Tap on the '+' to create our next automation.

27

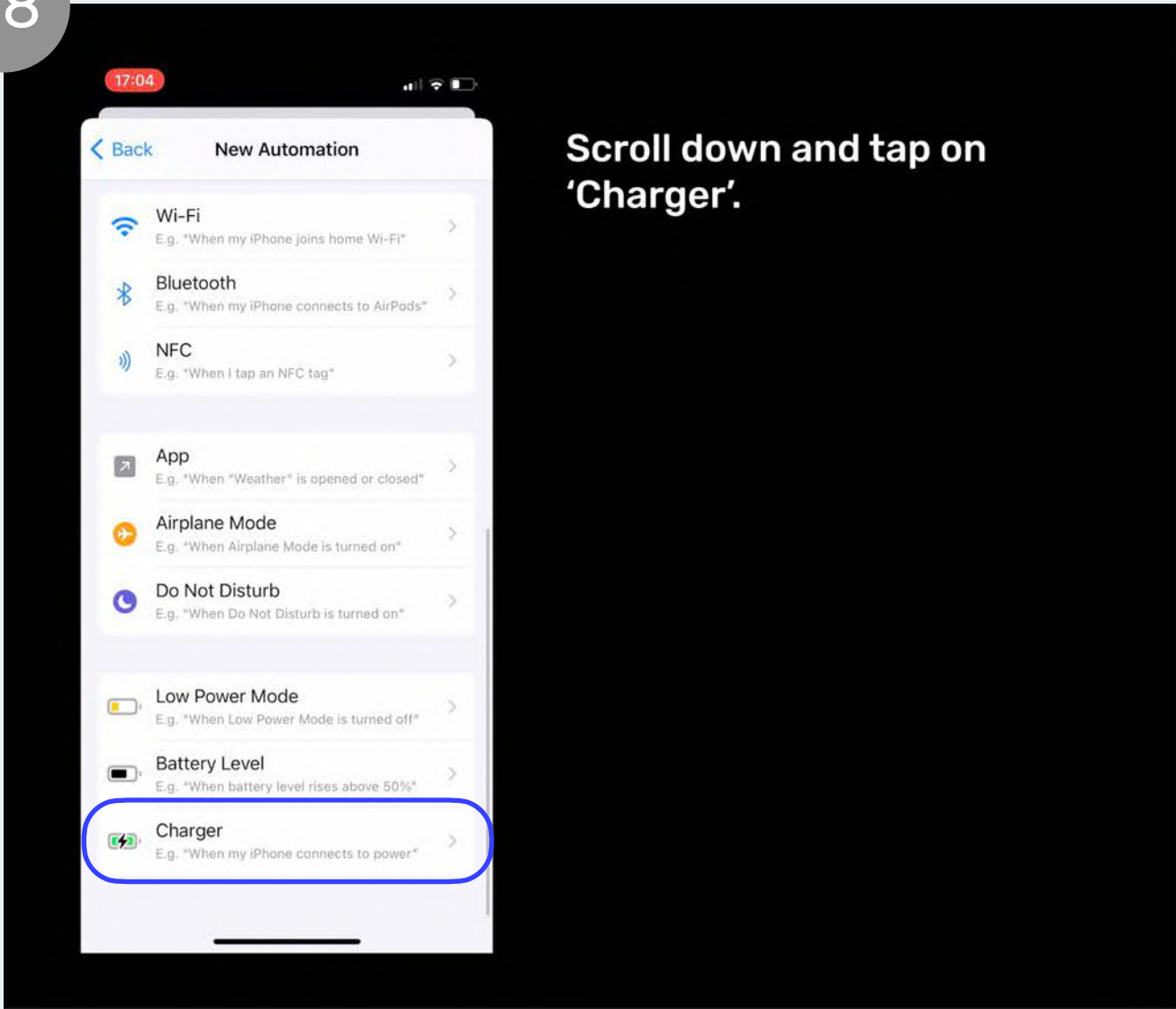


This automation will update the wallpaper whilst the phone is on charge.

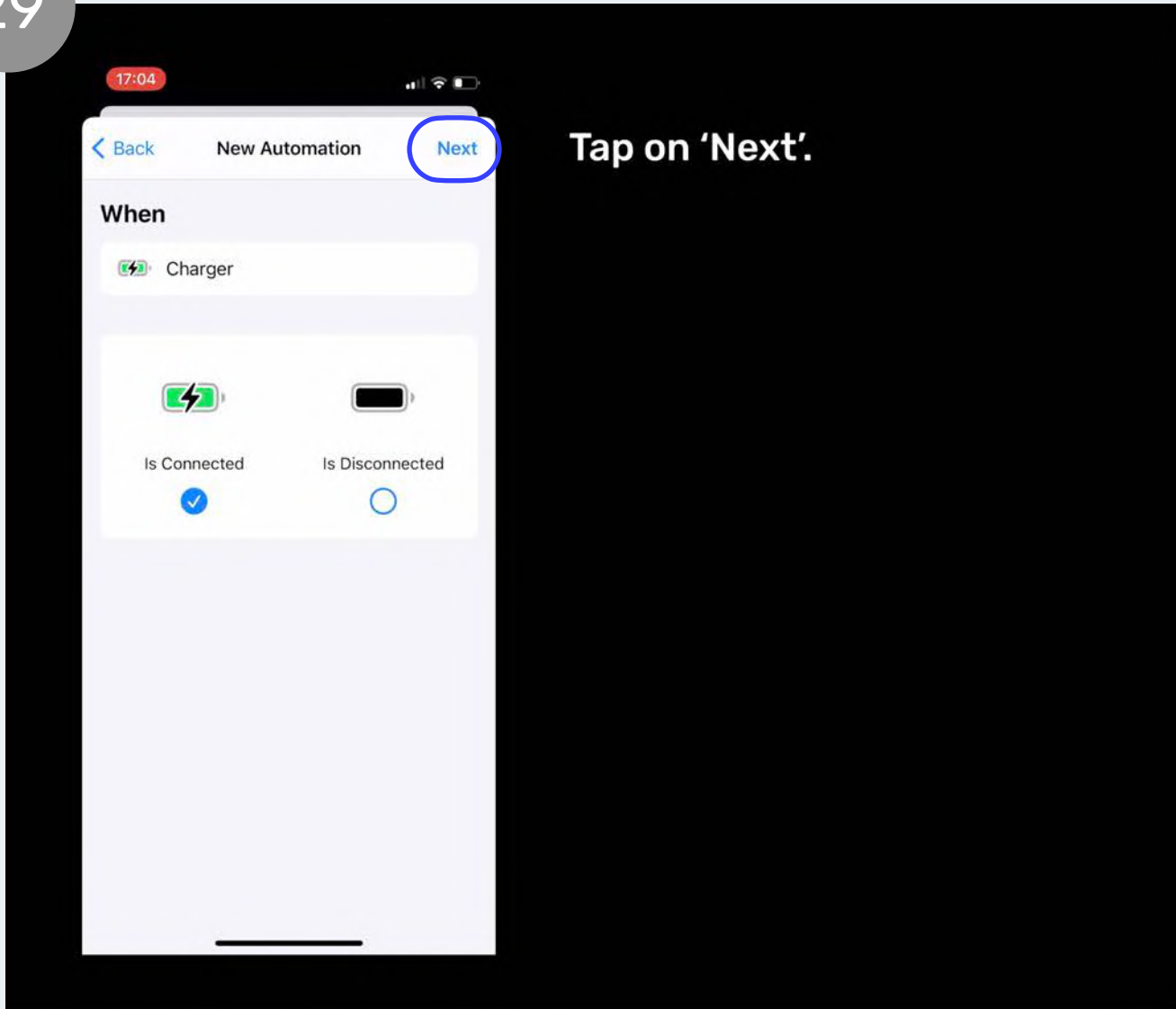
Tap on 'Create Personal Automation' to begin.

Part two - Create and run the automations

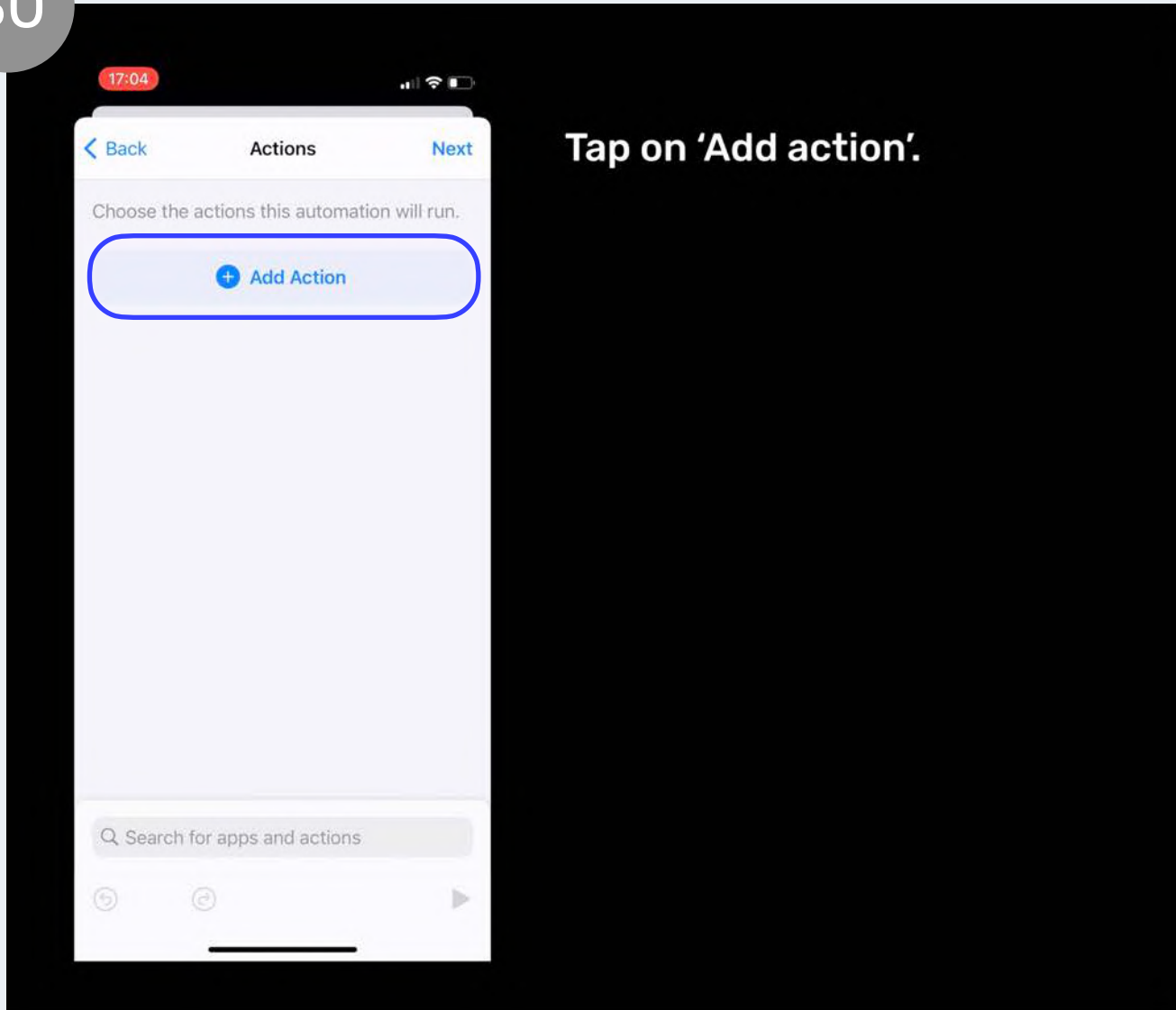
28



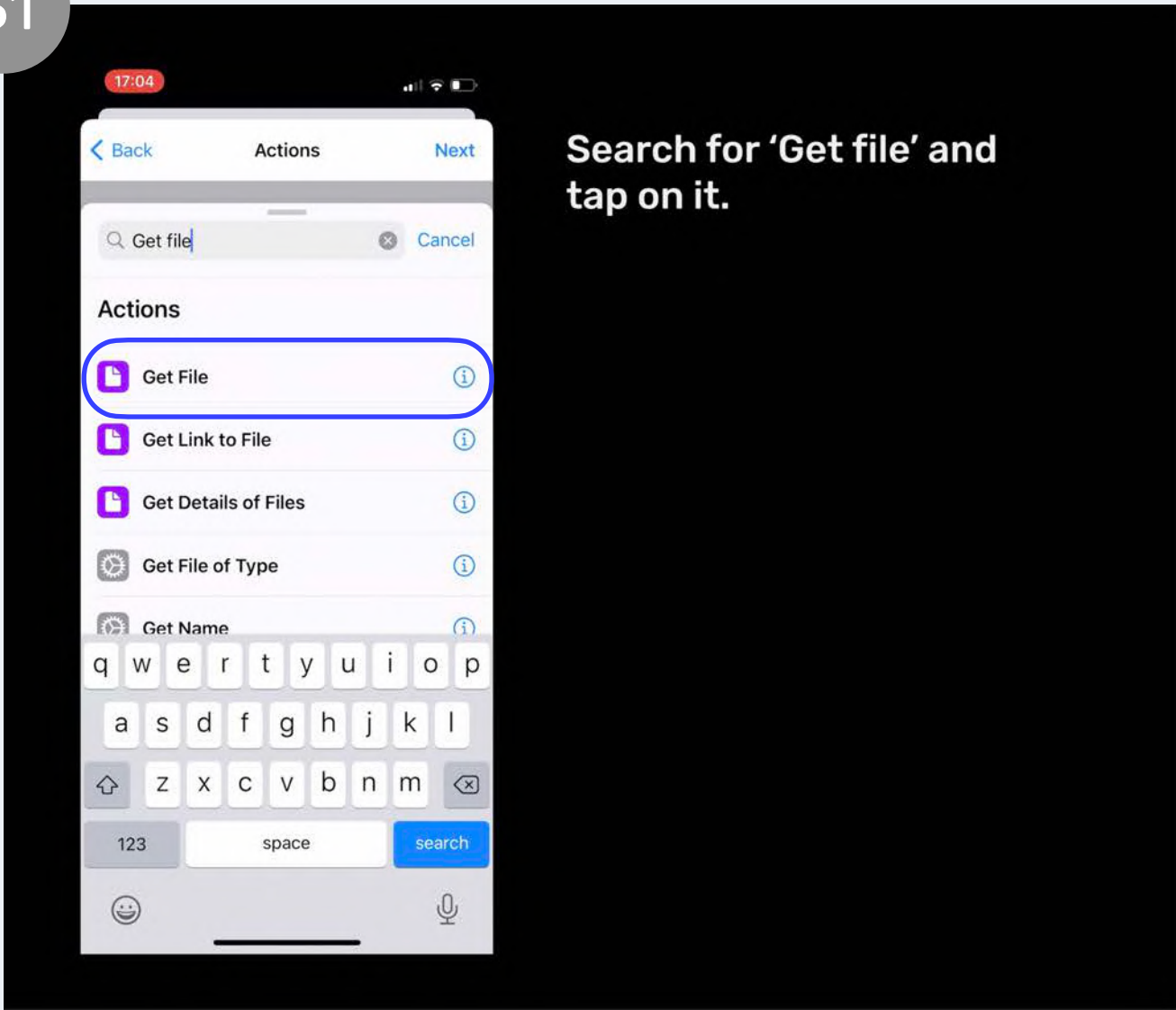
29



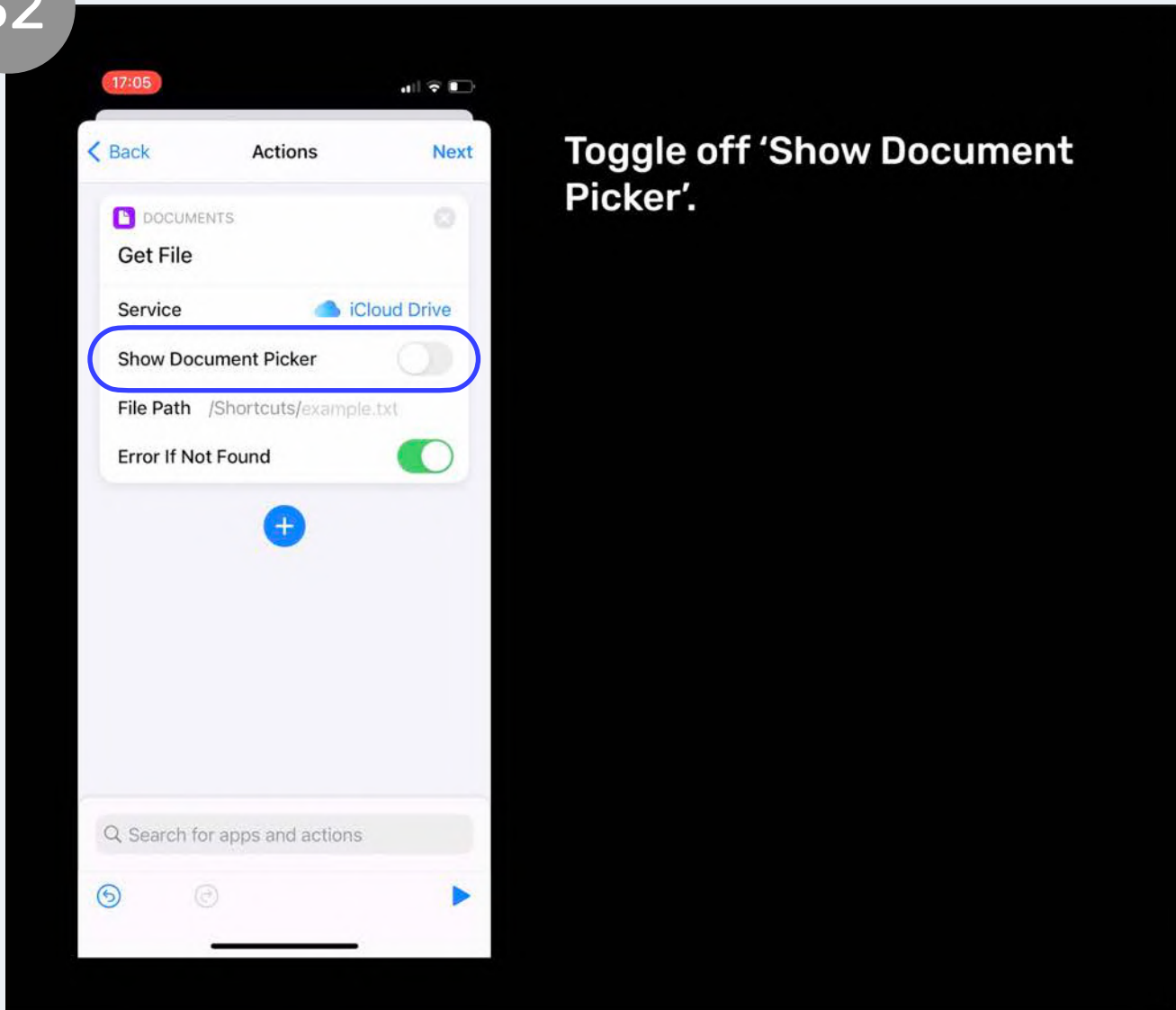
30



31

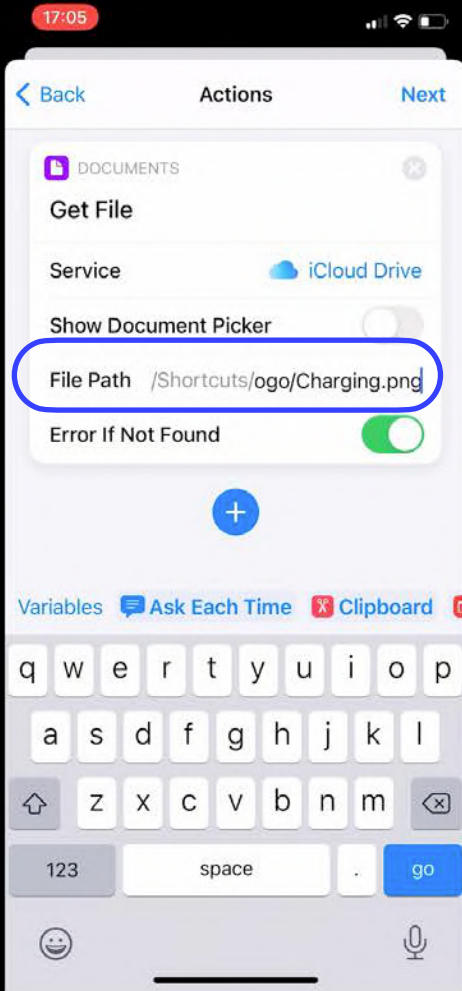


32



Part two - Create and run the automations

33



Tap to add the file path of the wallpaper you would like to use in the following format.

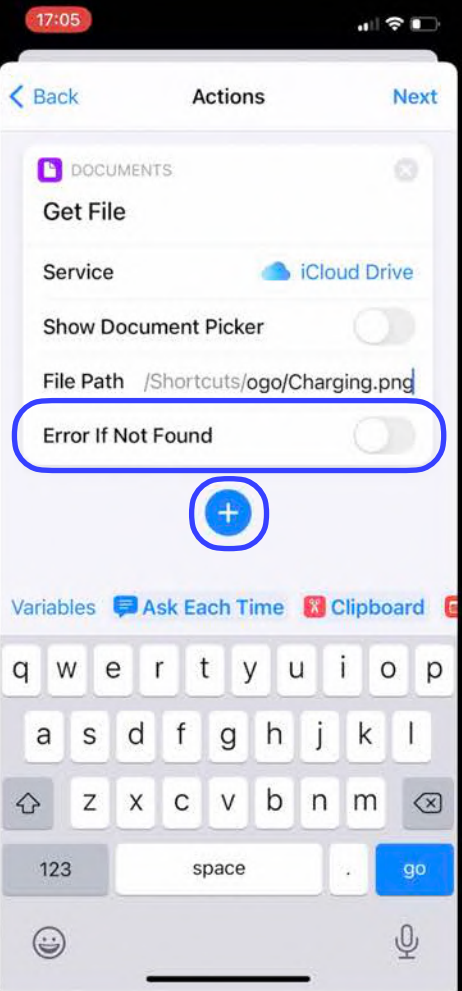
Shortcuts/Wallpapername/Charging.png

Replace 'Wallpapername' with your chosen wallpaper - the names are shown on the left.

In this example I'm using the 'Logo' wallpaper from the 'Apple pack'.

Please note: Remember to include the forward slashes and match the text formatting as shown (it's case sensitive).

34



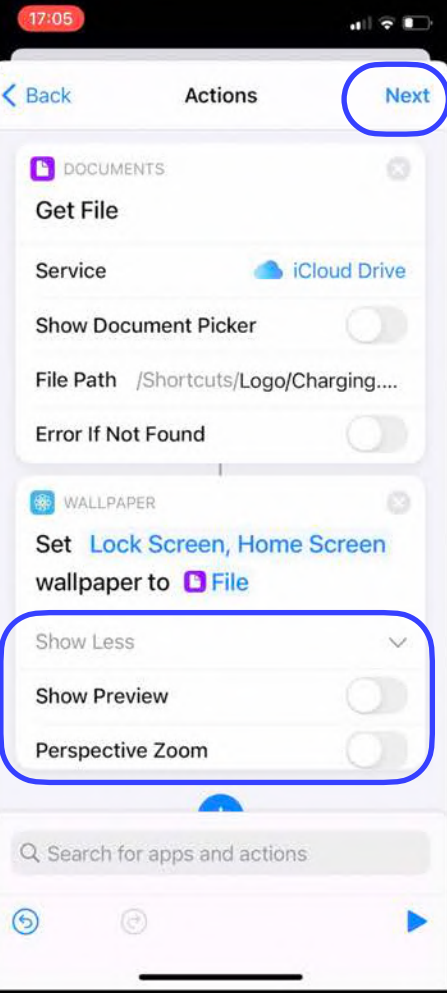
Toggle off 'Error If Not Found' and tap on the '+' to add the action.

35



Search for 'Set Wallpaper' and tap on it.

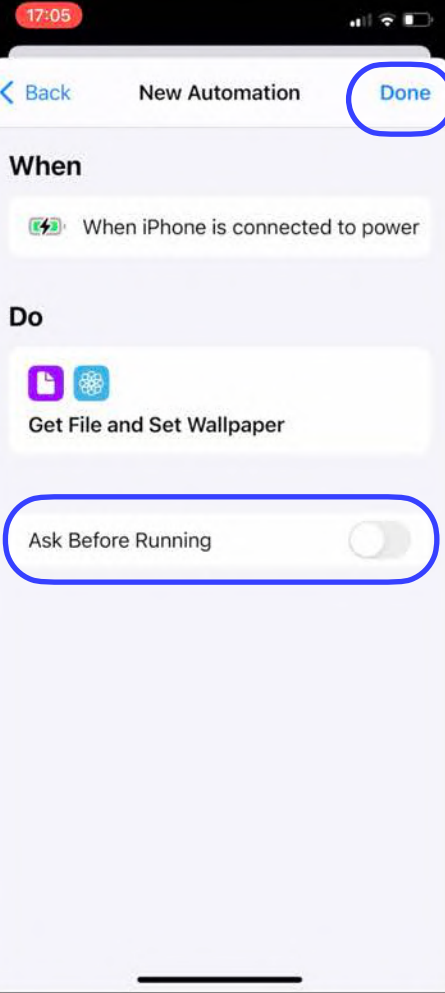
36



Tap on 'Show more' and toggle off 'Show preview'.

Then tap on 'Next'.

37



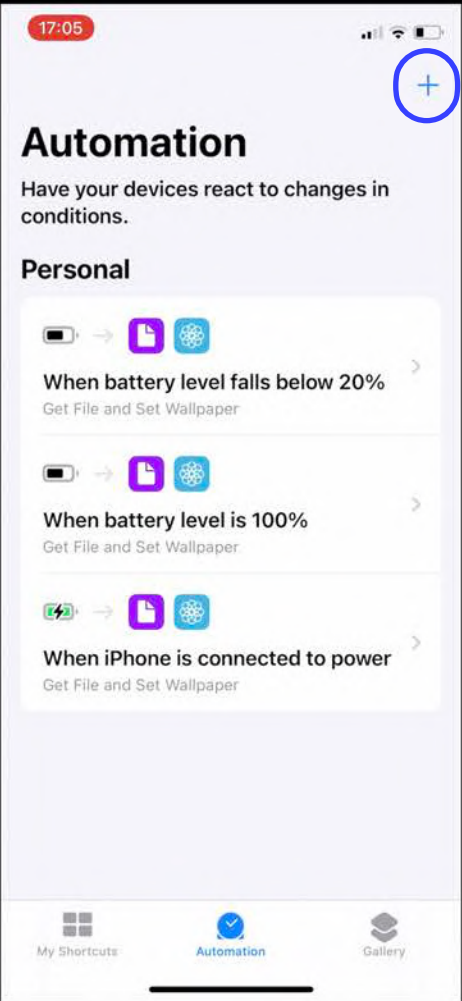
Toggle off 'Ask Before Running'.

And confirm it by tapping 'Don't ask'

Then tap on 'Done'.

Part two - Create and run the automations

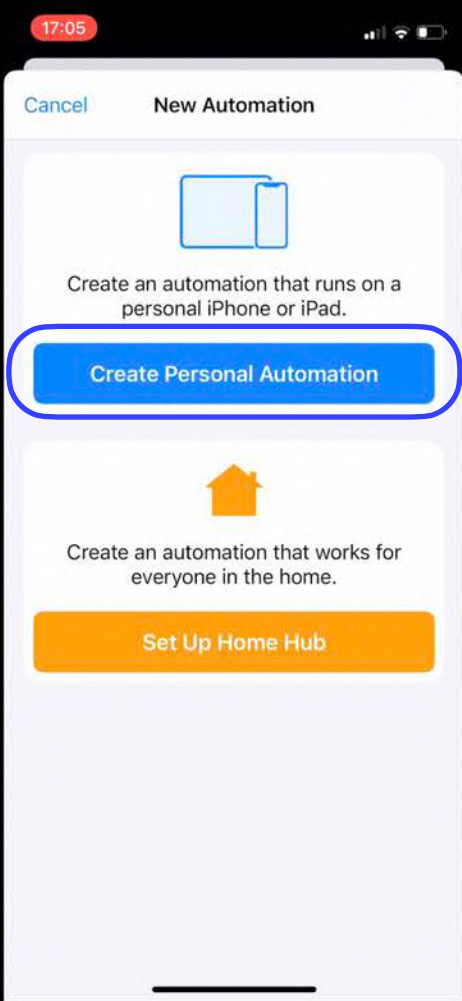
38



Good job! That's our third automation created!

Tap on the '+' to create our final automation.

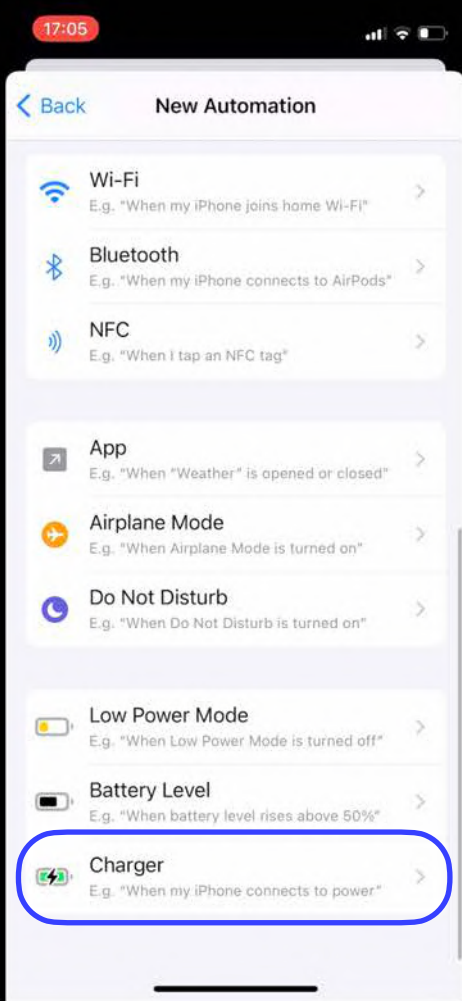
39



This final automation will update the wallpaper based on battery percentage when the charger is disconnected.

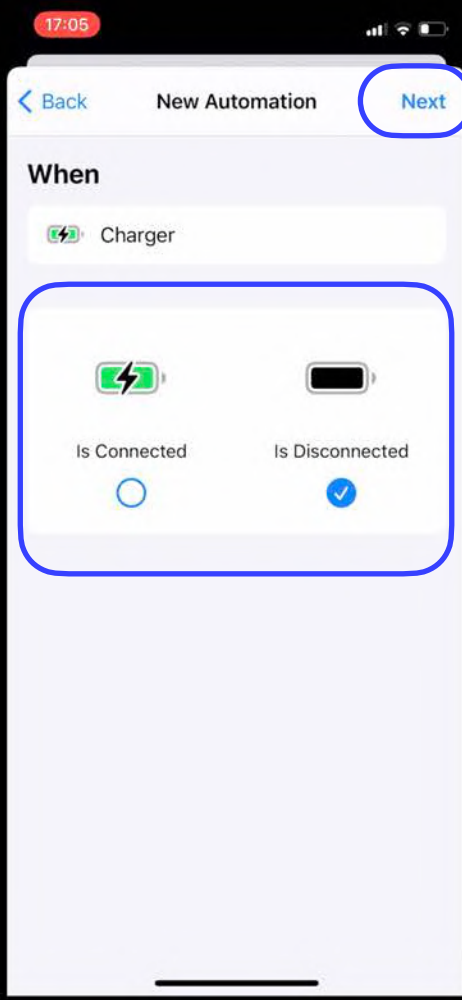
Tap on 'Create Personal Automation'.

40



Scroll down, and tap on 'Charger'.

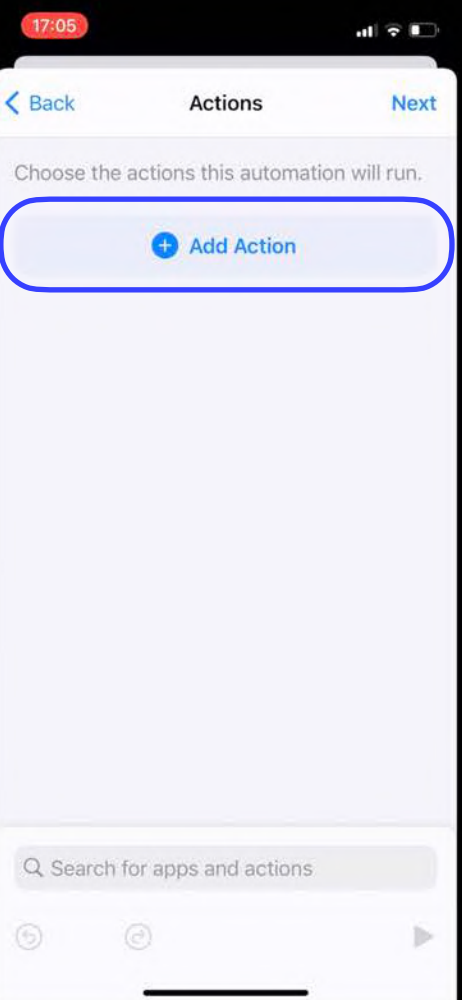
41



Deselect 'Is Connected', and select 'Is Disconnected'

Then tap on 'Next'.

42



Tap on 'Add Action'.

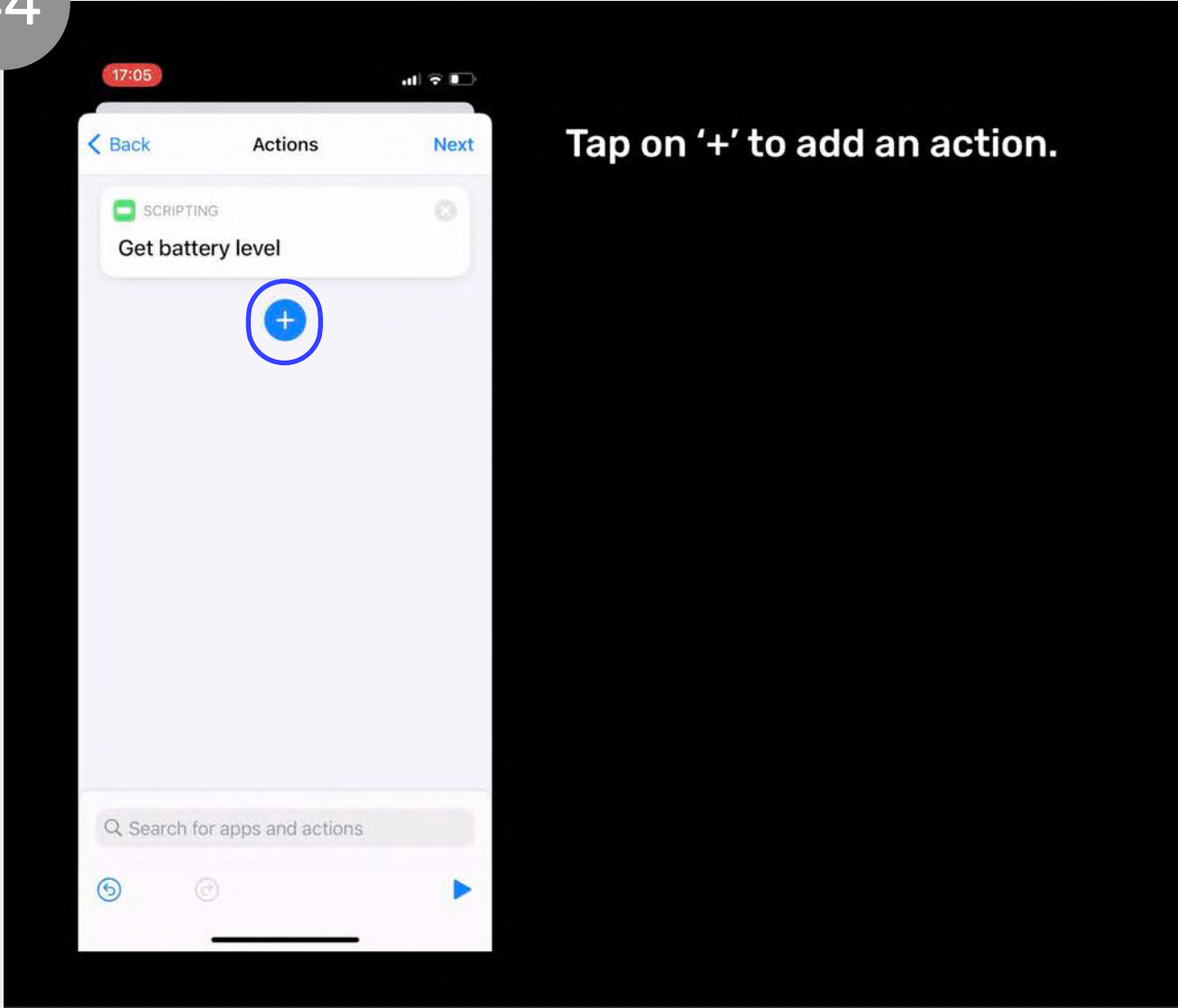
43



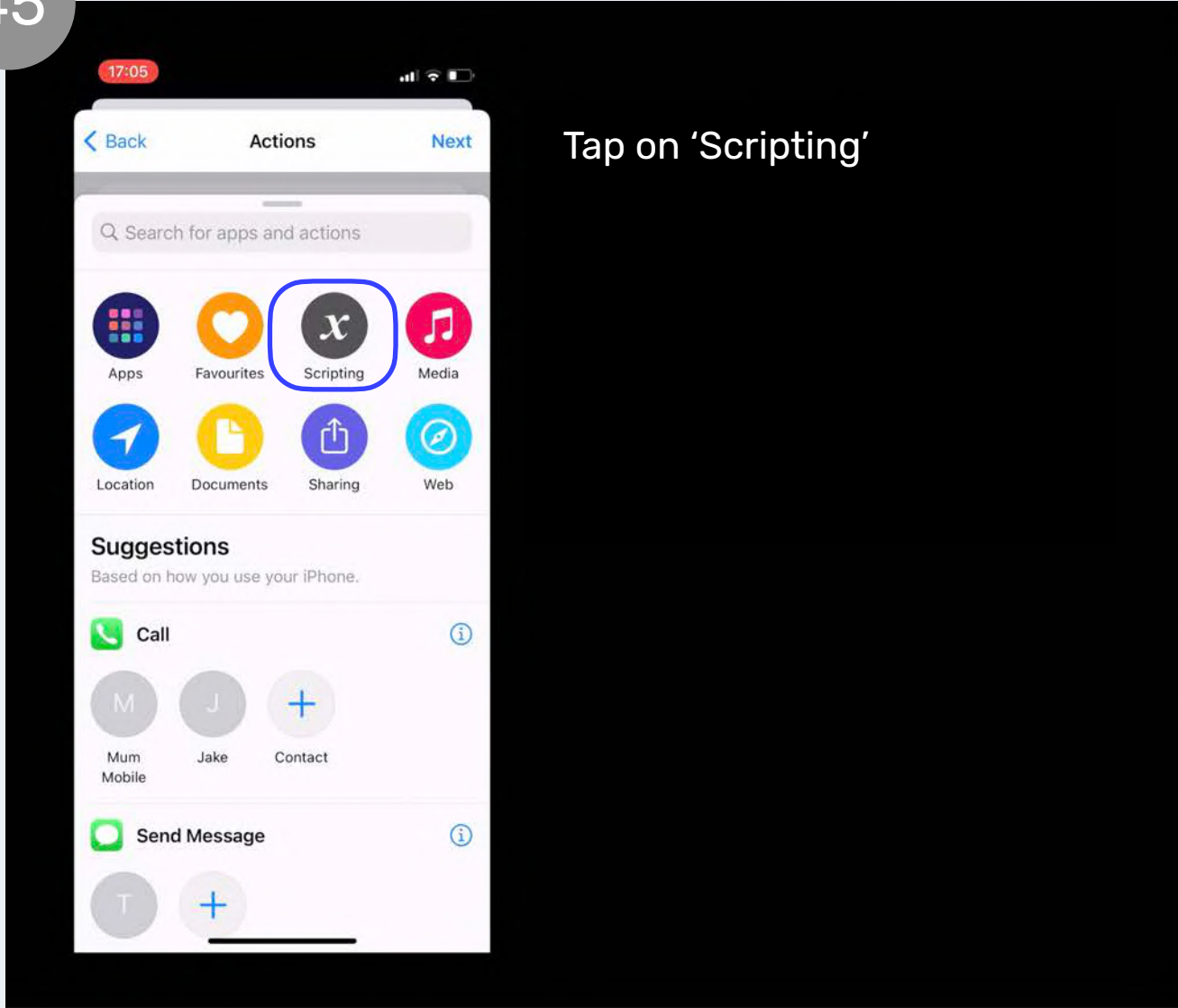
Search for 'Get Battery Level', and tap on it.

Part two - Create and run the automations

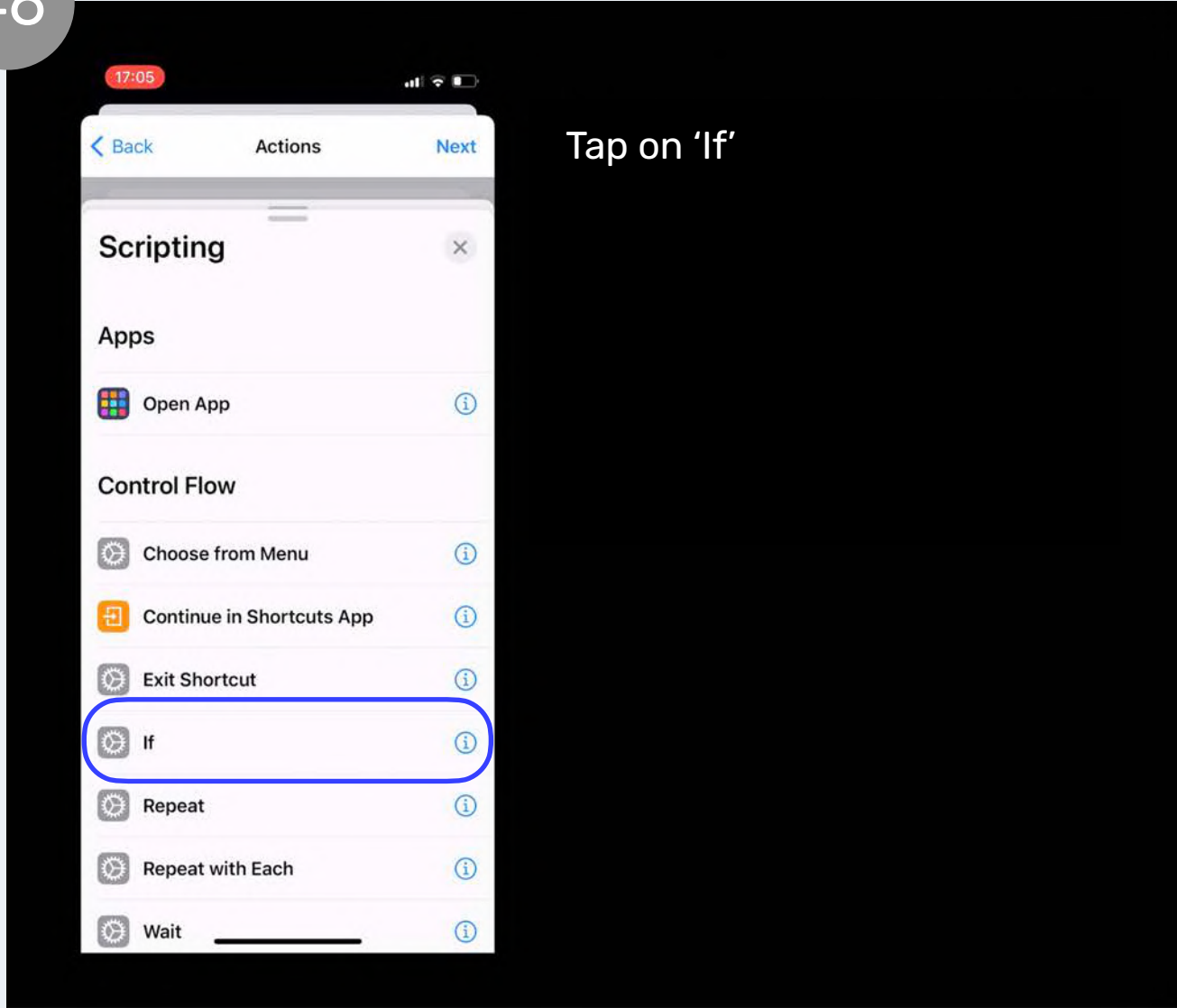
44



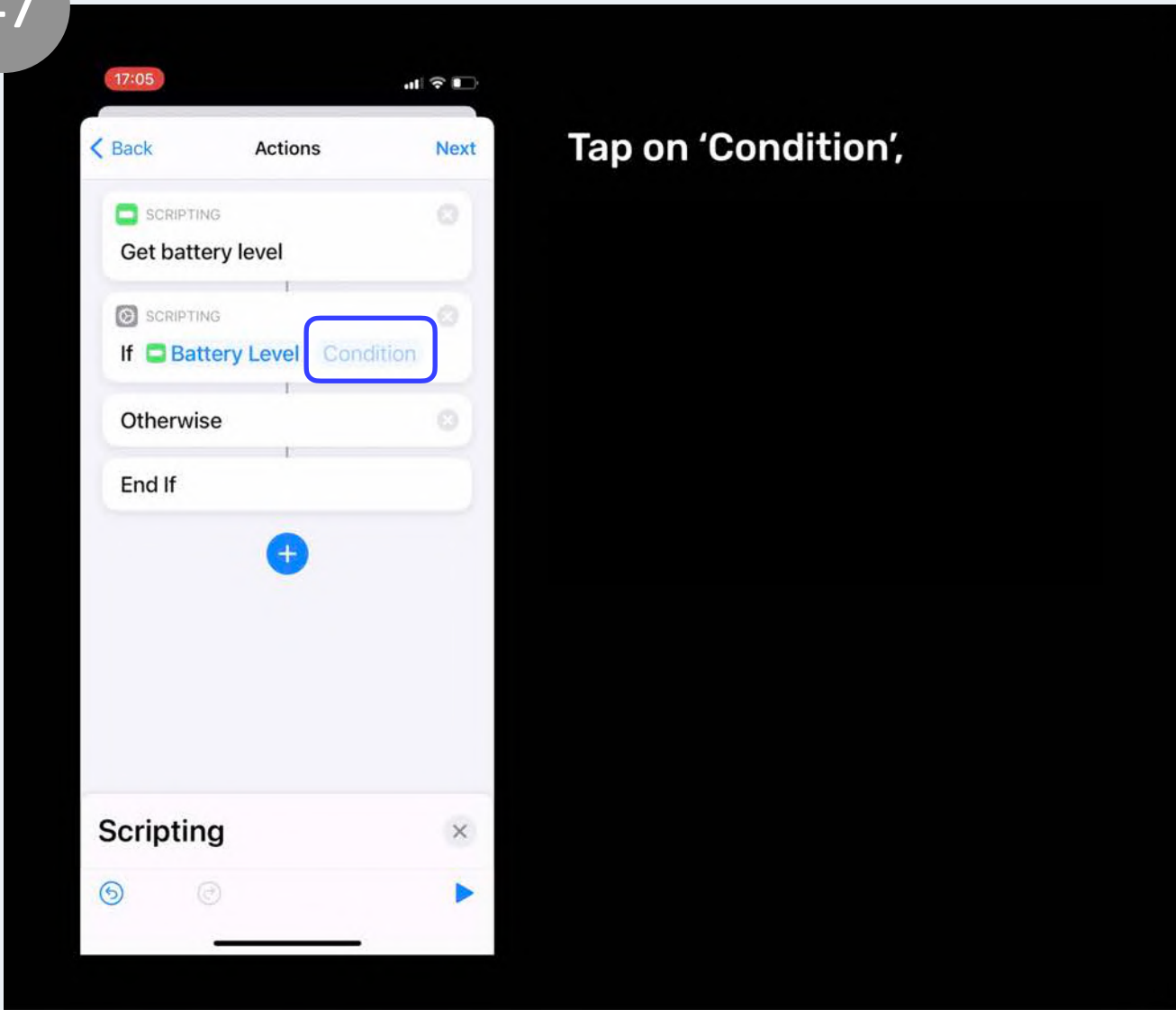
45



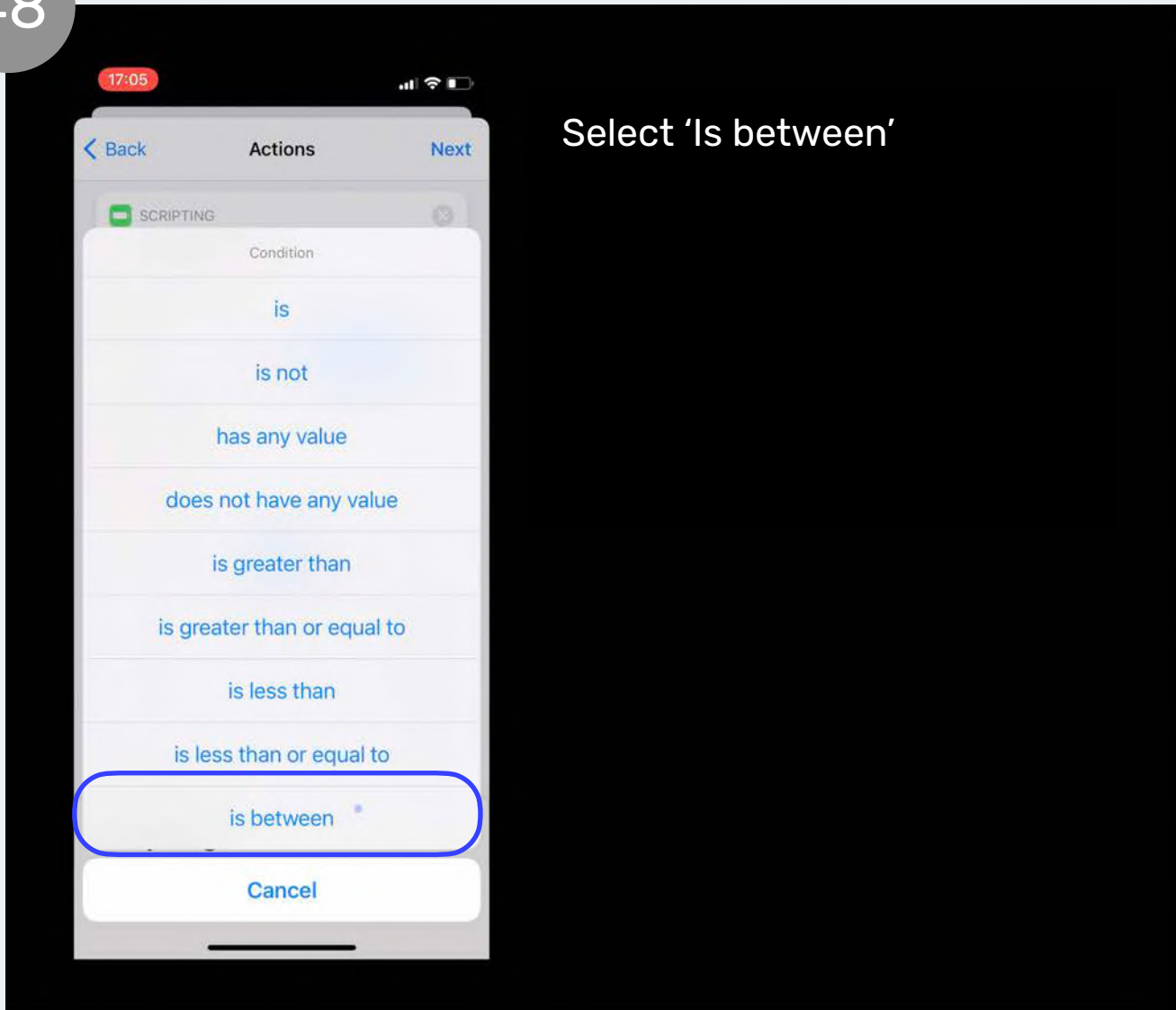
46



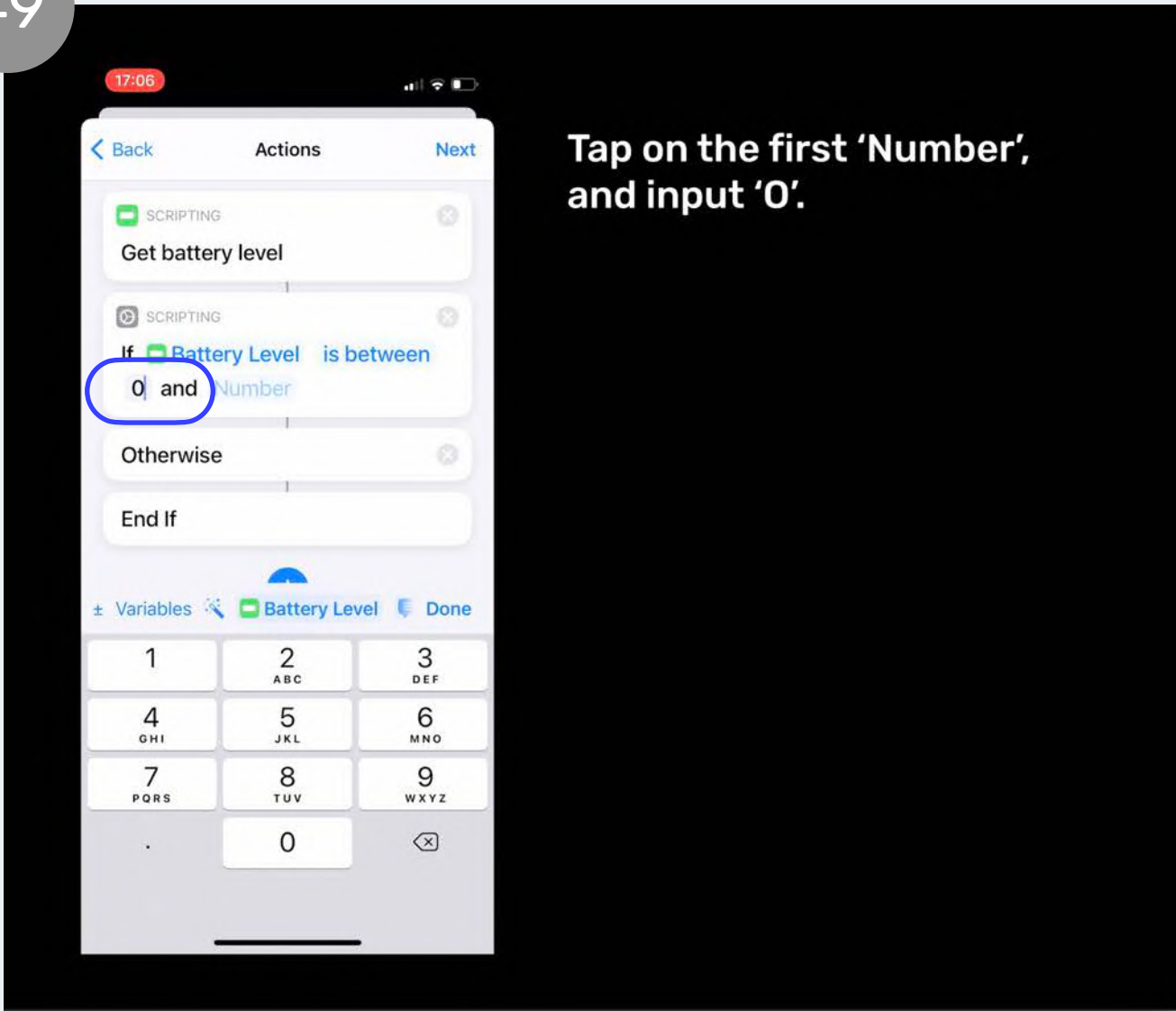
47



48

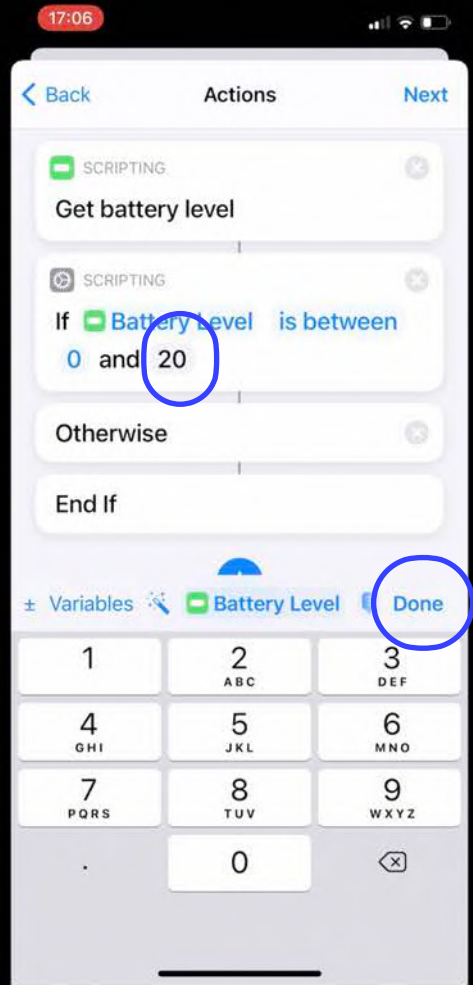


49



Part two - Create and run the automations

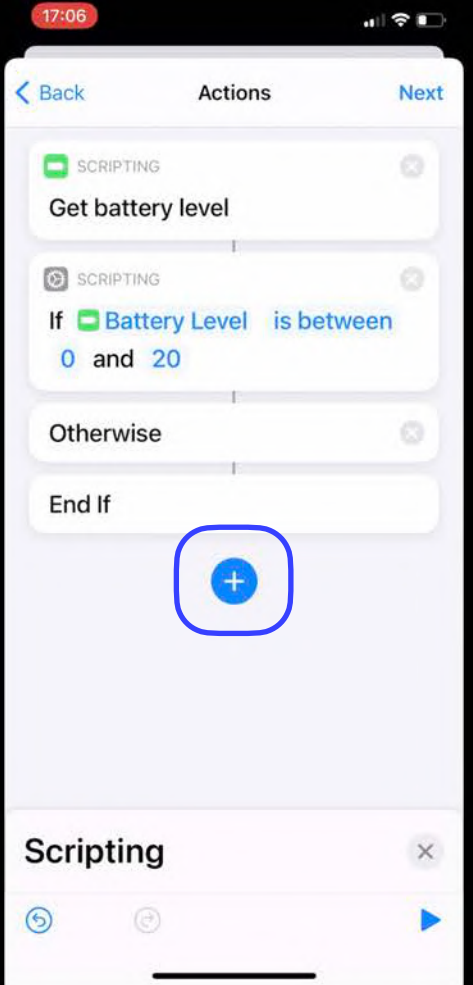
50



Tap on the second 'Number', and input '20'.

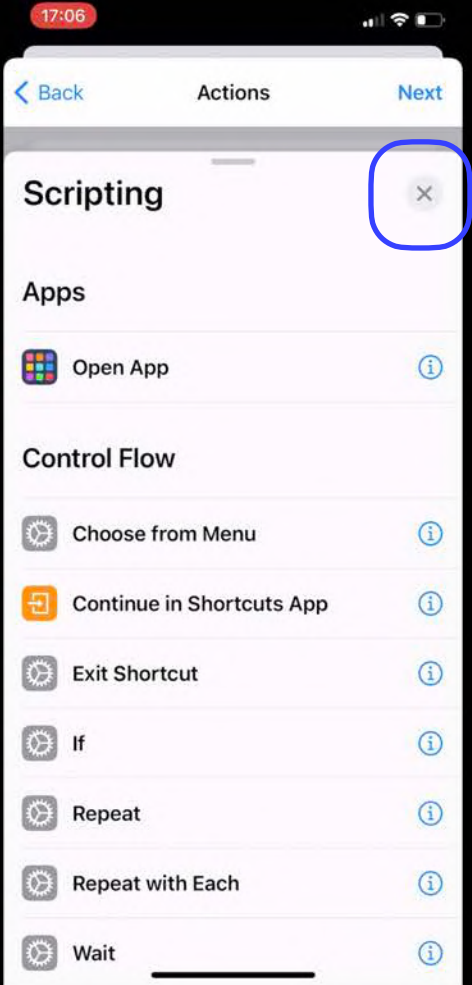
The tap on 'Done'

51



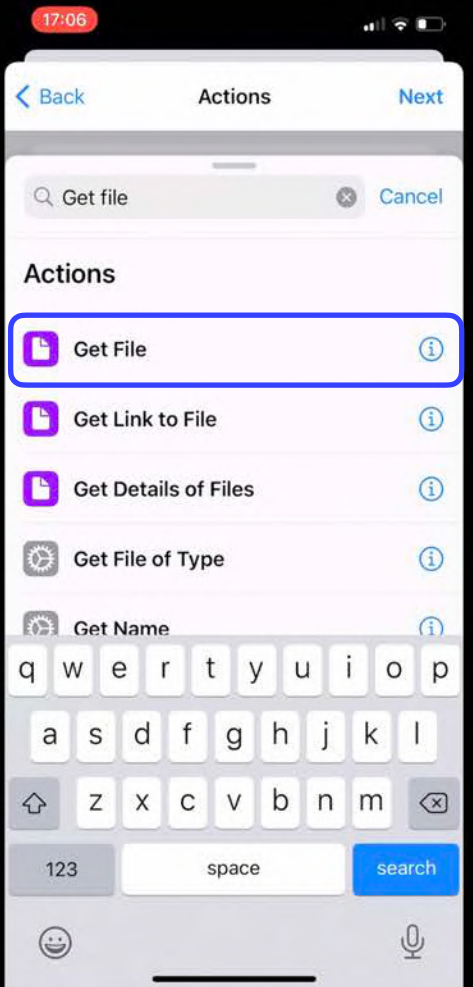
Tap on the '+' to set the action.

52



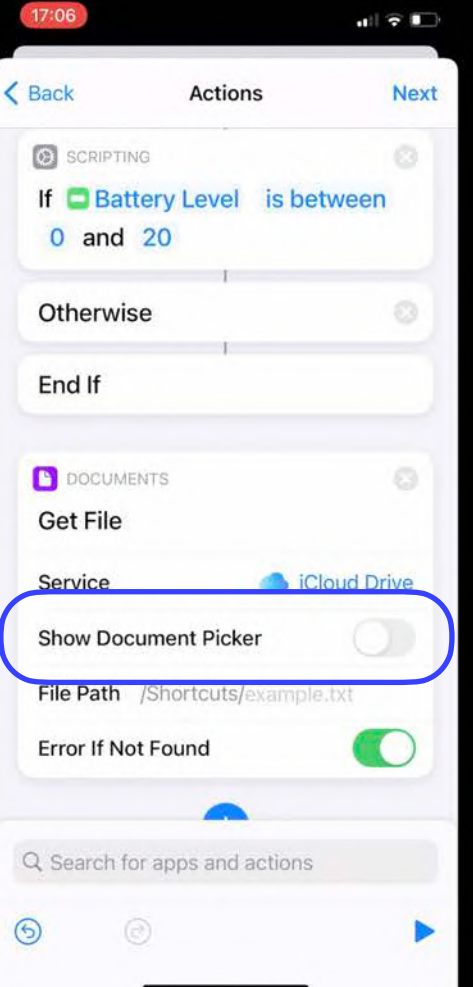
Tap on the 'X' to close the scripting dialog.

53



Search for 'Get file' and tap on it.

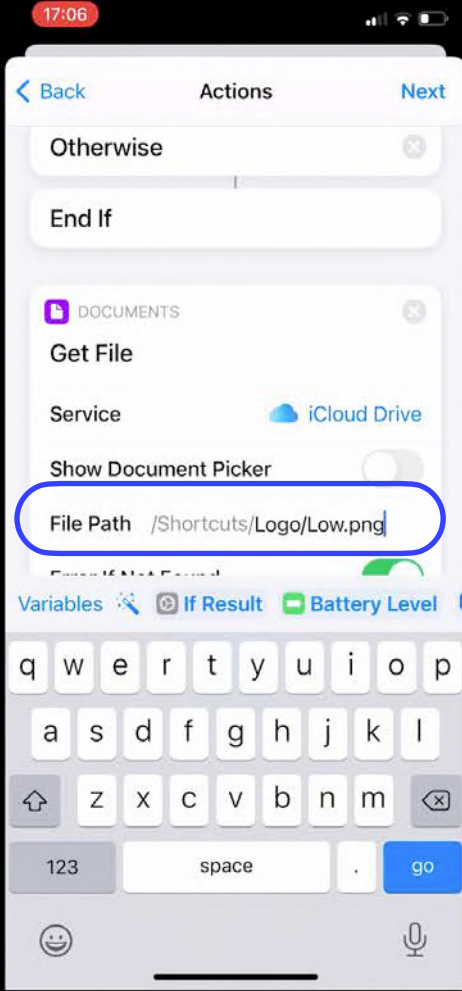
54



Toggle off 'Show Document Picker'.

Part two - Create and run the automations

55



Tap to add the file path of the wallpaper you would like to use in the following format.

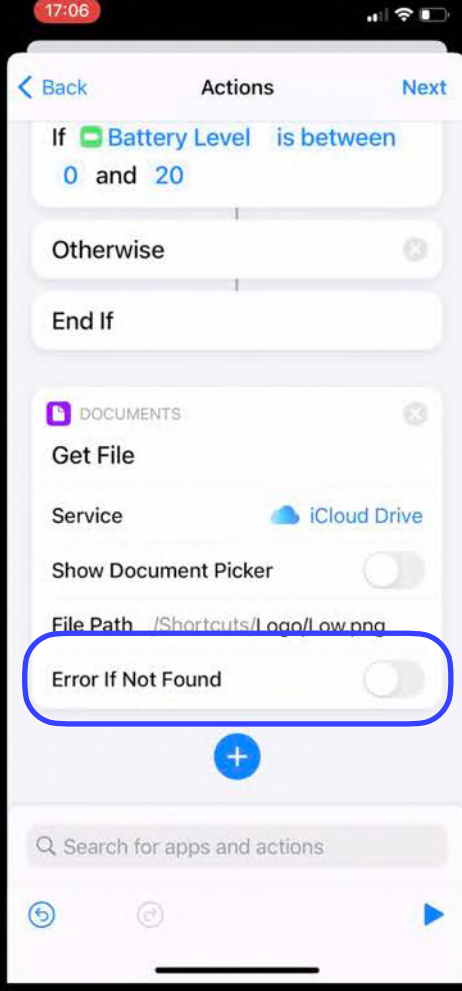
Shortcuts/Wallpapername/Low.png

Replace 'Wallpapername' with your chosen wallpaper - the names are shown on the left.

In this example I'm using the 'Logo' wallpaper from the 'Apple pack'.

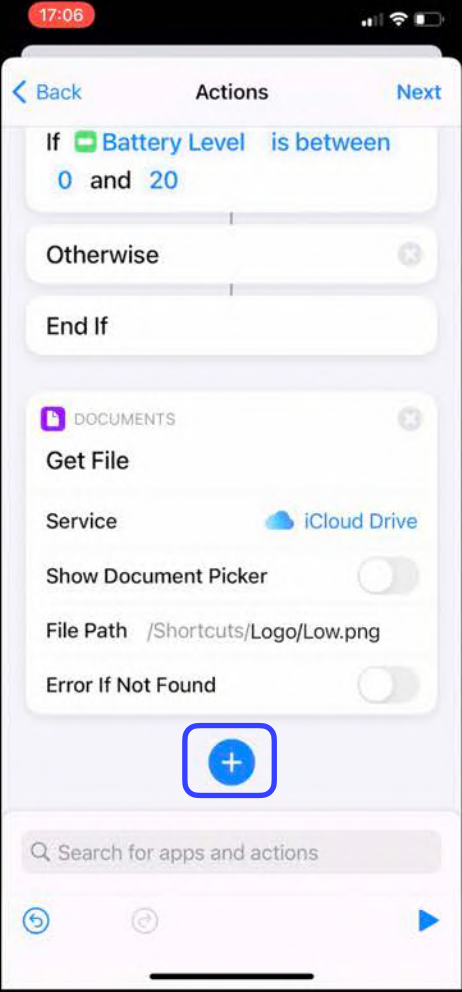
Please note: Remember to include the forward slashes and match the text formatting as shown (it's case sensitive).

56



Toggle off 'Error If Not Found'

57



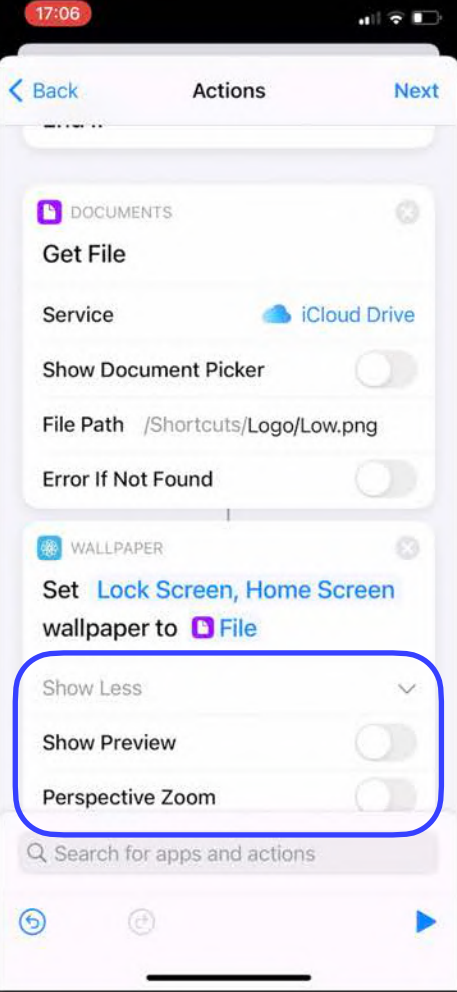
Now tap on '+' to set an action.

58



Search for 'Set Wallpaper' and tap on it.

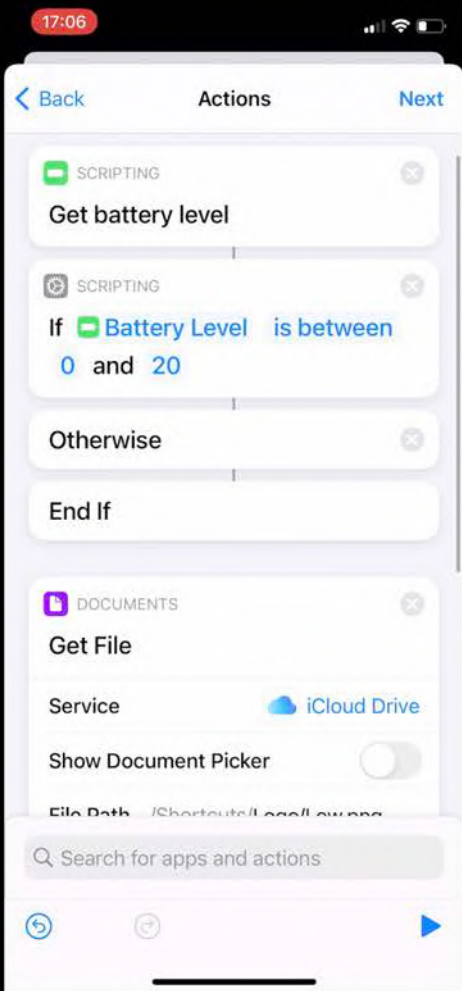
59



Tap on 'Show more' and toggle off 'Show Preview'.

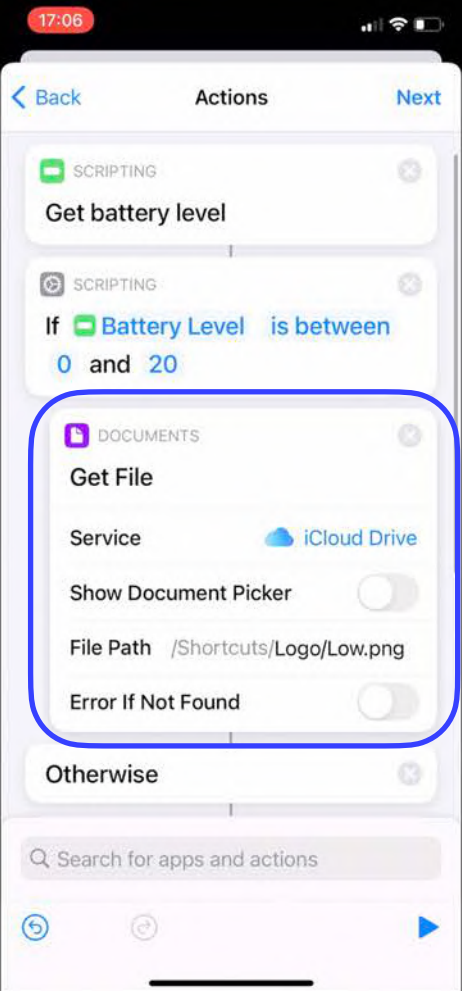
Part two - Create and run the automations

60



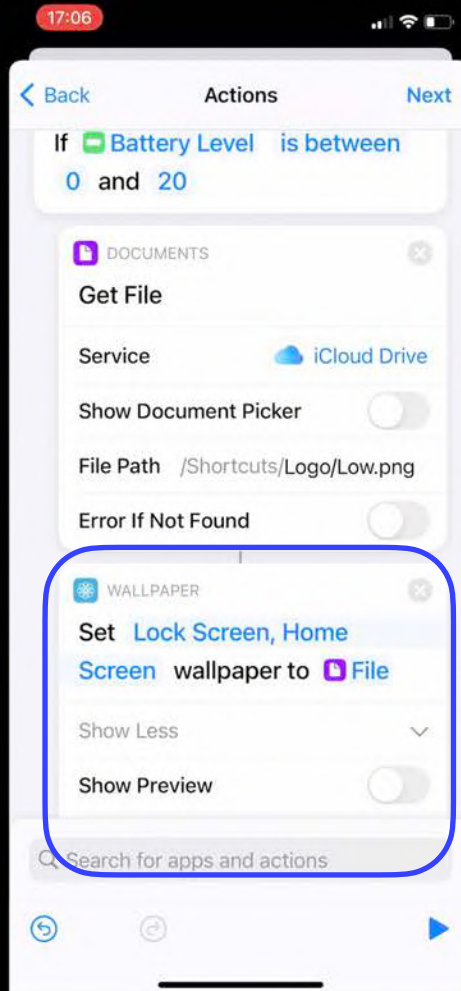
Now you need to drag and drop these actions underneath the scripting we just created.

61



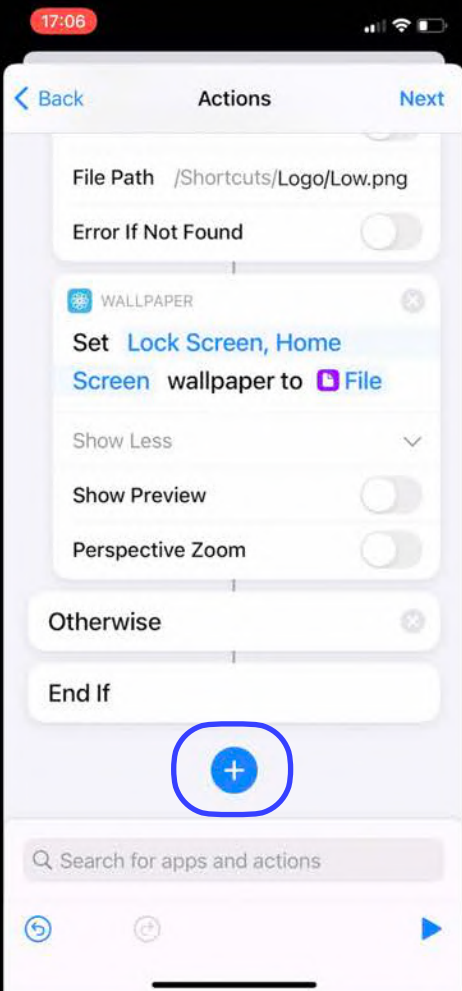
Tap and hold the 'Get file' action, to drag and drop it into place.

62



Do the same for the 'Set Wallpaper' action.

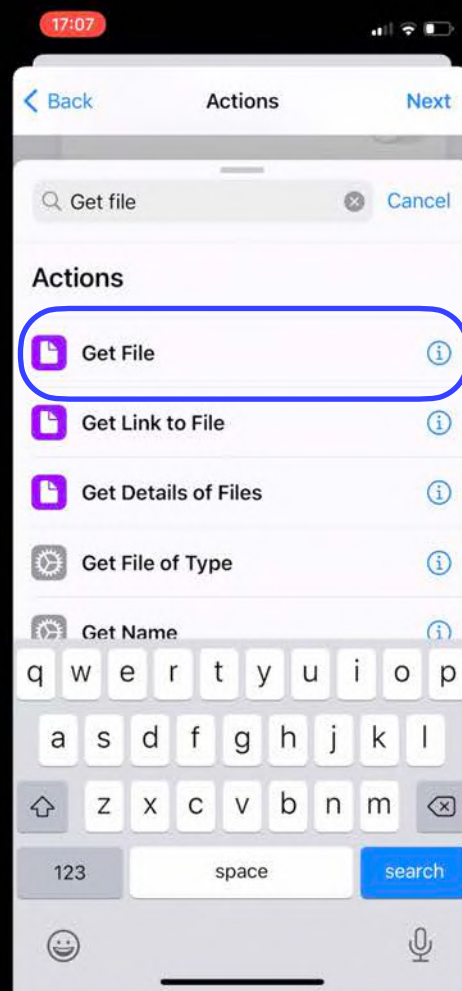
63



Now we need to create the alternate logic for the 'Otherwise' actions...

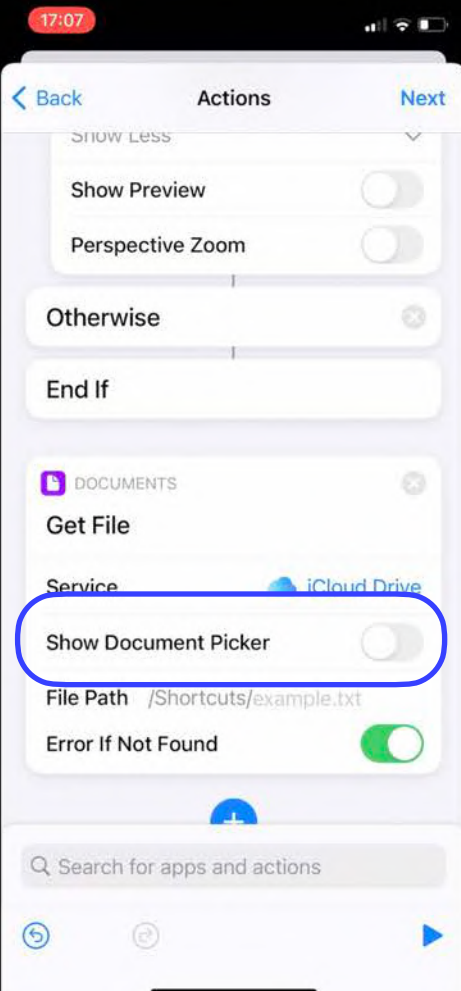
Tap on the '+' to begin.

64



As before, search for 'Get file' and tap on it.

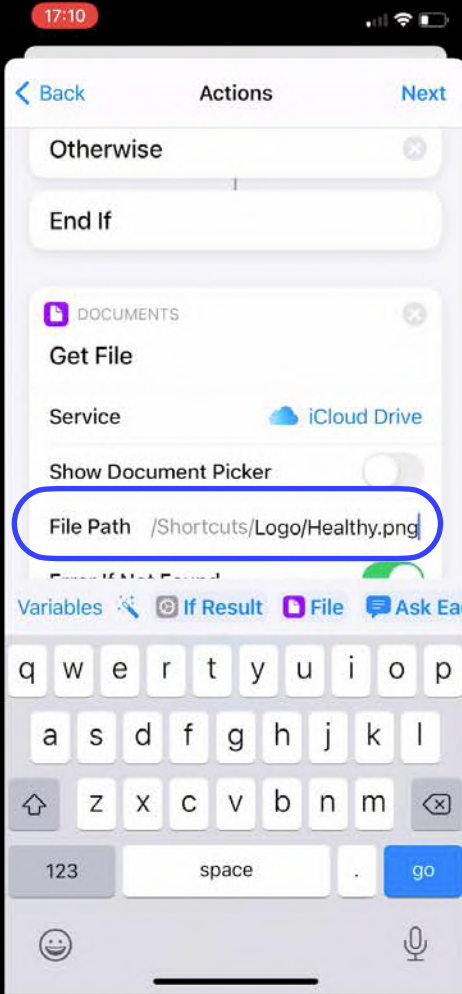
65



Toggle off 'Show Document Picker'.

Part two - Create and run the automations

66



Tap to add the file path of the wallpaper you would like to use in the following format.

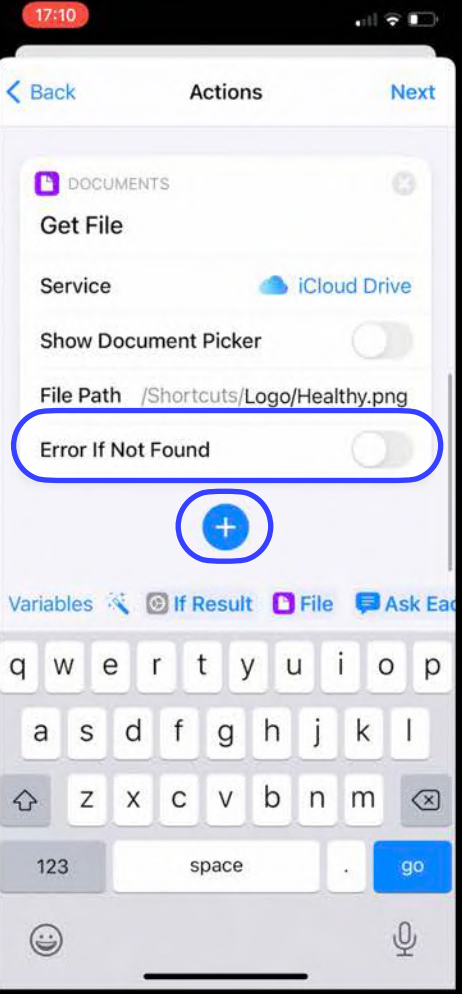
Shortcuts/Wallpapername/Healthy.png

Replace 'Wallpapername' with your chosen wallpaper - the names are shown on the left.

In this example I'm using the 'Logo' wallpaper from the 'Apple pack'.

Please note: Remember to include the forward slashes and match the text formatting as shown (it's case sensitive).

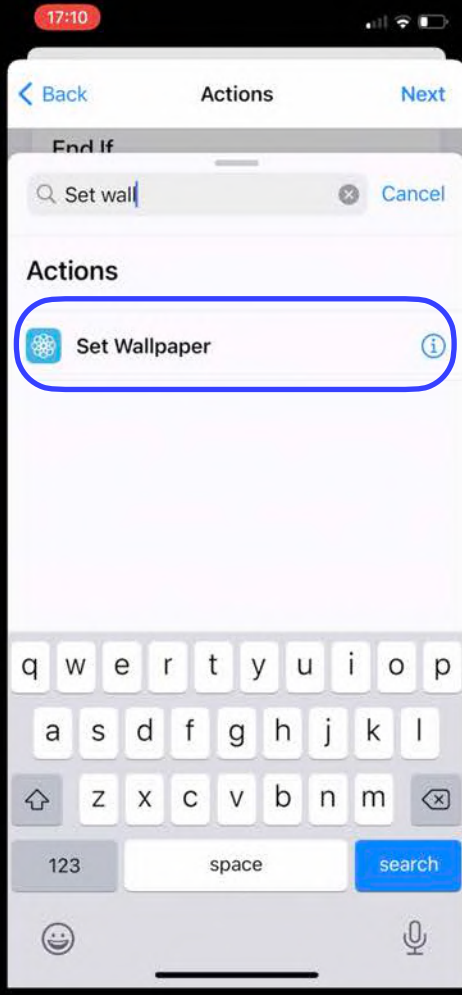
67



Toggle off 'Error If Not Found'.

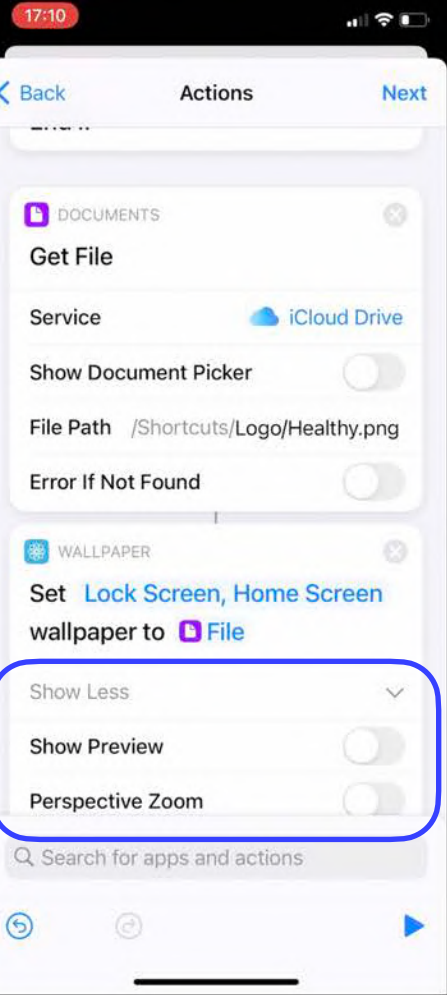
And tap on the '+' to set the action.

68



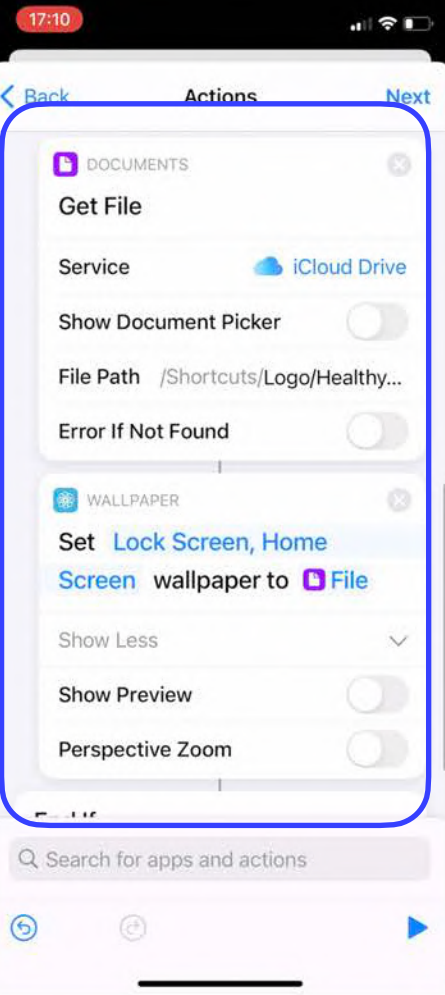
Search for 'Set Wallpaper' and tap on it.

69



Tap on 'Show More', and toggle off 'Show Preview'.

70

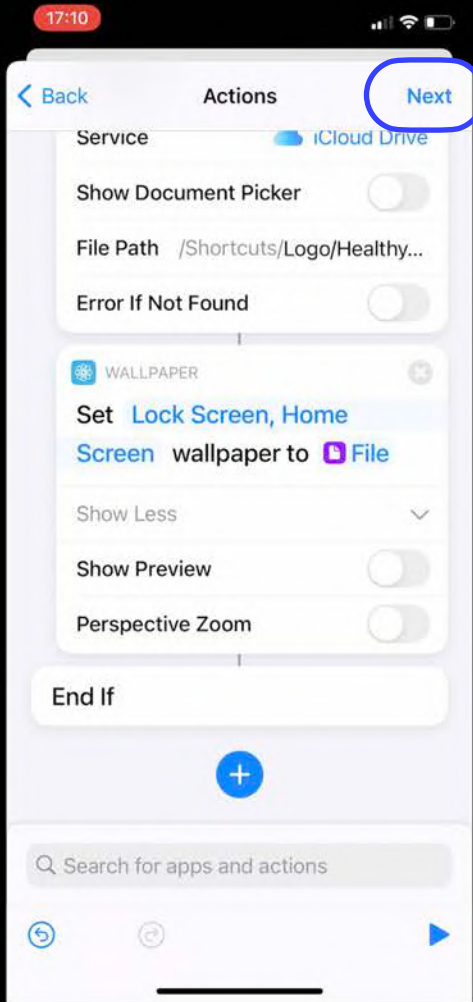


Now we need to drag and drop these actions underneath the 'Otherwise' section.

Tap and hold to drag them.

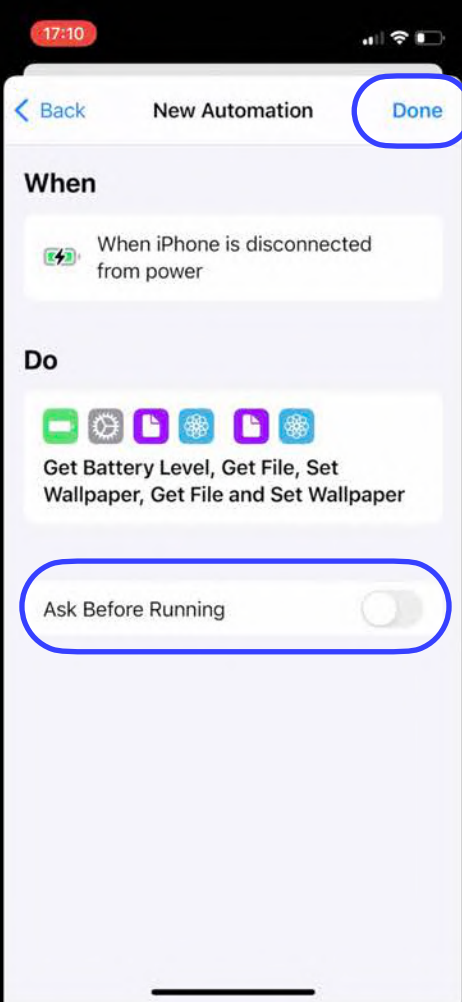
Part two - Create and run the automations

71



Now tap on 'Next'.

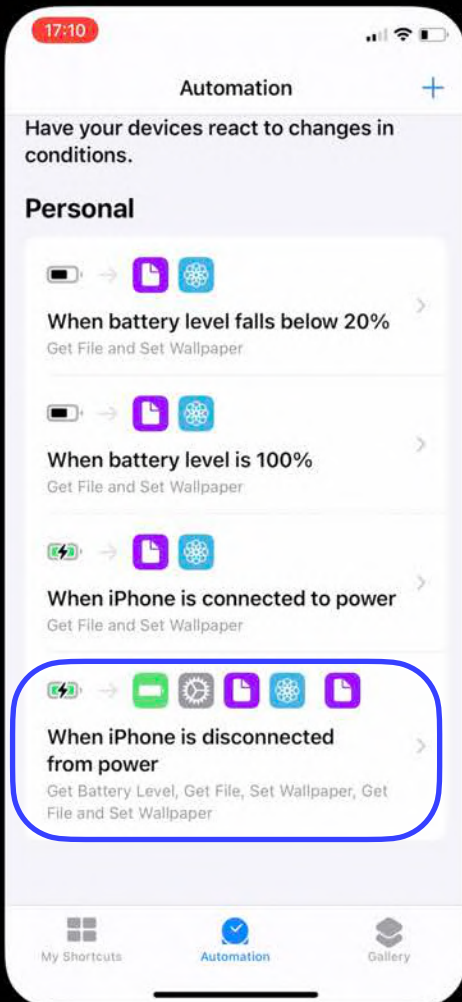
72



Toggle off 'Ask Before Running' and tap on 'Don't Ask' to confirm.

Then tap on 'Done'.

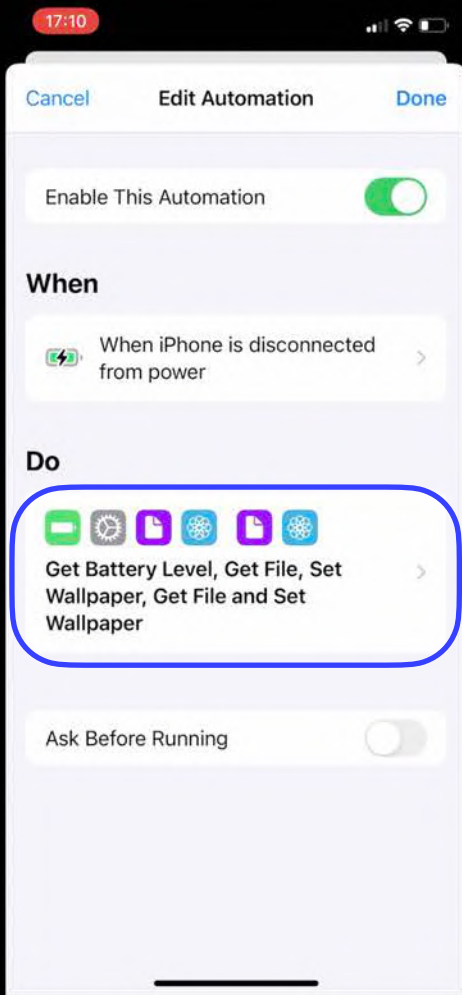
73



That's our final automation created! Now we just need to run one of them to trigger the process.

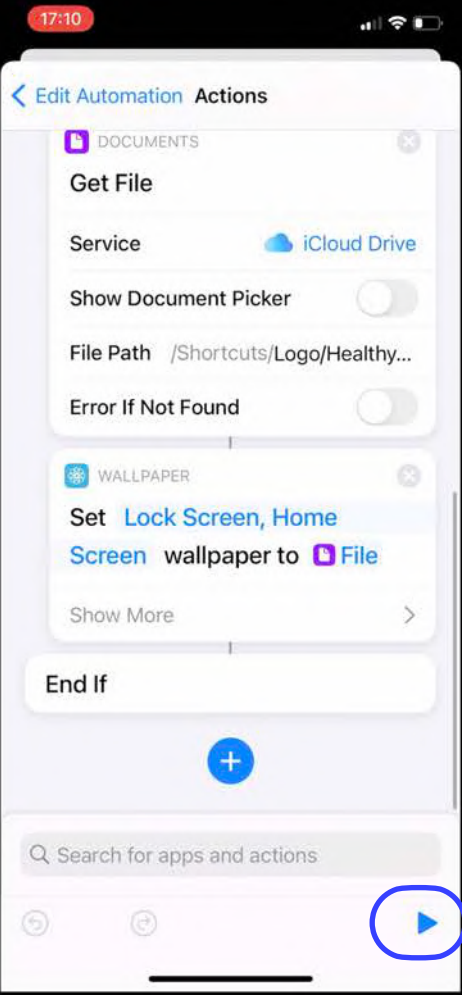
Make sure your iPhone is disconnected from power and tap on the 'When iPhone is disconnected from power' automation.

74



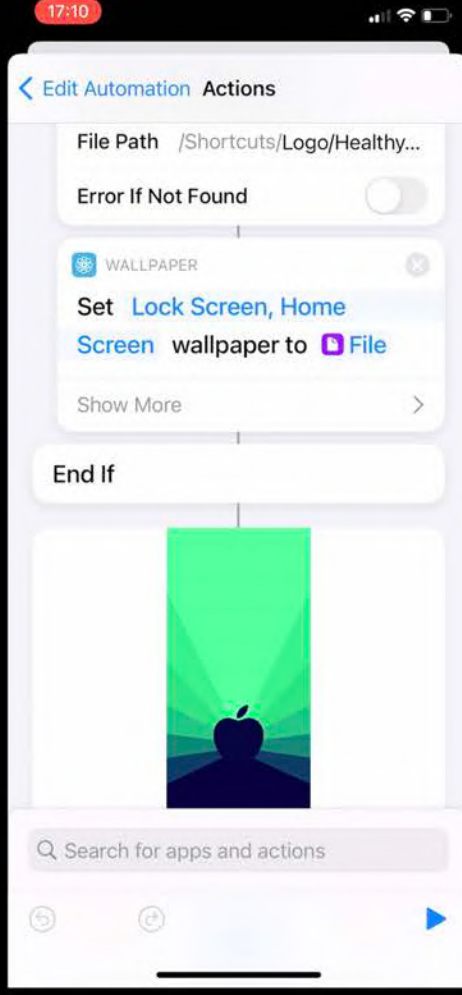
Now tap on the 'Do' command.

75



Tap on 'Play symbol' in the bottom right.

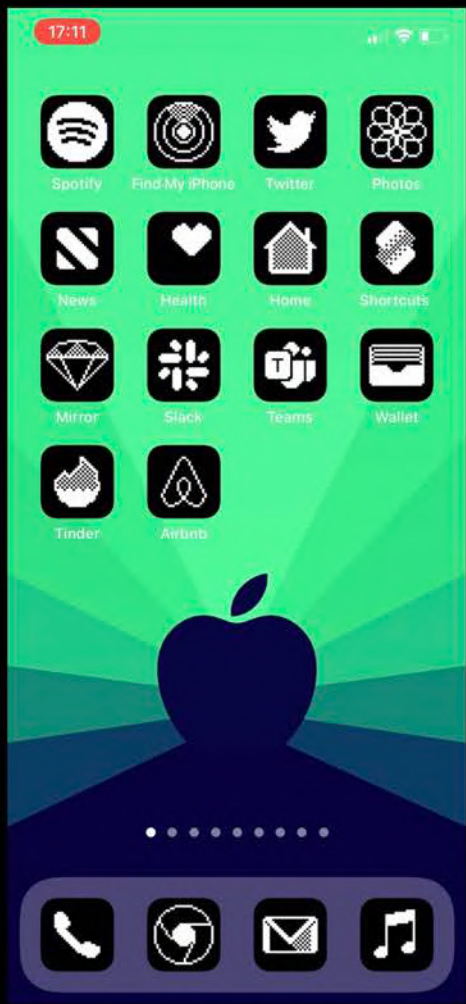
76



This will run the automation and choose the correct wallpaper based on your iPhones battery life.

Part two - Create and run the automations

77



Great job, that's it!

From now on, your wallpapers
will be entirely automated.

Enjoy!

Read on to find out how to
switch wallpapers.

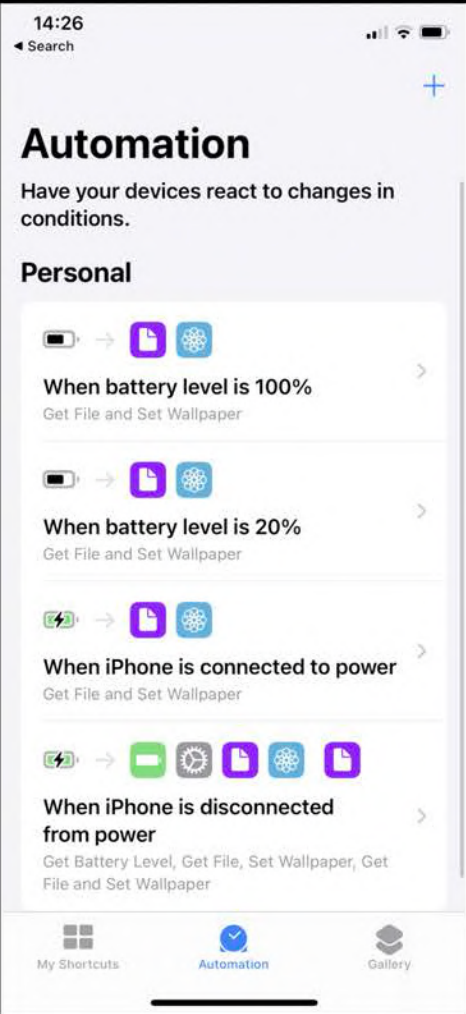
Part three

Switching Wallpapers



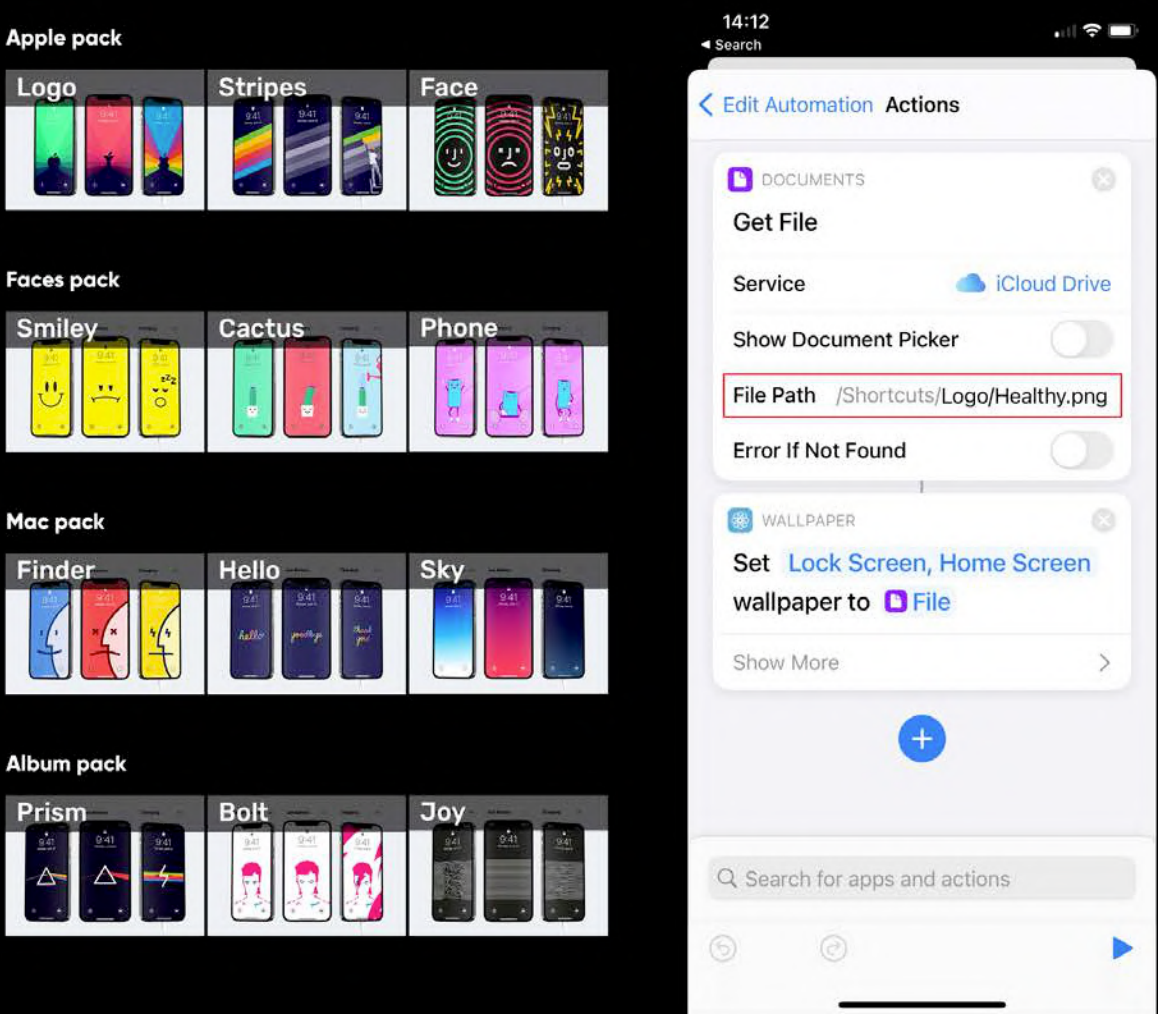
Part three - Switching wallpapers

1



Once you have all of your automations set up, you can easily switch wallpapers by changing the 'File Path' in your automations.

2



Simply open the 'Shortcuts' app, then one by one open each of the four automations, updating the folder name in the file paths.

For example, if I had purchased the Apple pack, and was using the 'Logo' wallpaper, I could swap it for the 'Stripes' wallpaper by swapping 'Logo' for 'Stripes' in each of the file paths.

This saves a lot of effort when switching between Dynamo wallpapers.

FAQ's

Can I turn off the Shortcut notifications?

Yes, and I definitely recommend it, please find instructions on how to do that from the great people at iOS Gadget Hacks. Link [here](#).

Can I configure these wallpapers to show on just my lockscreen or homescreen?

Yes you can! In each of the automations the 'Set wallpaper' actions are set to display on the home screen and lock screen by default. If you tap on 'Lock Screen Home Screen' in each of the actions you can configure this to whatever you like.

I'm getting an 'Unable to set wallpaper' message? What's gone wrong? Help!

There are 2 issues that could be causing this error to be displayed. The majority of the time it's an issue with the 'File path' being entered incorrectly (it's case sensitive). Please check 'Part two' of the install guide and make sure the file paths in each of the automations are formatted correctly and are using capitals and lower case letters as needed.

The other possible reason is that the folders have been moved to the wrong location. Please check 'Part one' of the installation guide to make sure this is set up correctly.

How do I switch wallpapers?

Fortunately, switching wallpapers is much faster than setting them up in the first place. Please see 'Part three' of the installation guide for more information on how to do this.

These wallpapers are awesome! I've bought both packs, are there more coming?

I can't wait to extend this project, and will do so as soon as I get the time. Thank you for your appreciation and support of my work!

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