

We often have time critical steps within procedures, these steps either dictate that we must wait a certain amount of time before we can proceed or the procedure needs to make us aware that a certain amount of time has elapsed.

Timers in AmbiFi are very flexible with a wealth of available options, this activity will walk through two very common timer types.

We will be looking at:

- The normal timer
- The modal timer

The normal timer is merely a timer that provides a point of references, overlays the activity and can take an action once finished. It is important to note that timers in AmbiFi are persistent and that the mobile device will show them

To create a normal timer click on the clock icon in the application toolbar on the very top.

Note: Make sure to save any unsaved changes as this will navigate you away from the authoring view.

The screenshot displays the application's interface during the creation of a normal timer. At the top, a dark toolbar contains various icons, with a red arrow pointing to the clock icon. Below the toolbar, a green notification bar reads "Starting a normal timer". The main workspace is divided into a left sidebar and a right content area. The sidebar shows a tree view with items: "AmbiFI Training", "List 1", "Timers", and "Normal Timer". A blue button with a checkmark and the text "Starting a normal timer" is highlighted. The right content area contains a form for configuring the timer item, including fields for "Check Item", "Navigation Title", and "Label 1", "Label 2", and "Media".

Home Authoring

Starting a normal timer

AmbiFI Training

List 1

Timers

Normal Timer

Starting a normal timer

Check Item

Label Only

**Navigation Title**  
A shorter title for this item that will be shown in navigation.

(Navigation Title)

Don't Show In Navigation Tree View

**Label 1**

Starting a normal timer

Don't Speak Label 1

Preview  
Starting a normal timer

**Label 2**

(Optional: Label 2)

Don't Speak Label 2

**Media**

Background Image Video Audio

Once you reach the Timers screen click on the "Add Timer" button

Timers

Create a new timer

Not Syncing  
00:01:00

Holding  
00:02:00  
Timer Complete

Switch Tanks - 45 min  
00:45:00  
Switch Tanks (5)

Custom Timer  
00:00:05  
Hello Timer

Hello timer  
01:00:00  
Hello

Temperature Check 1 hour

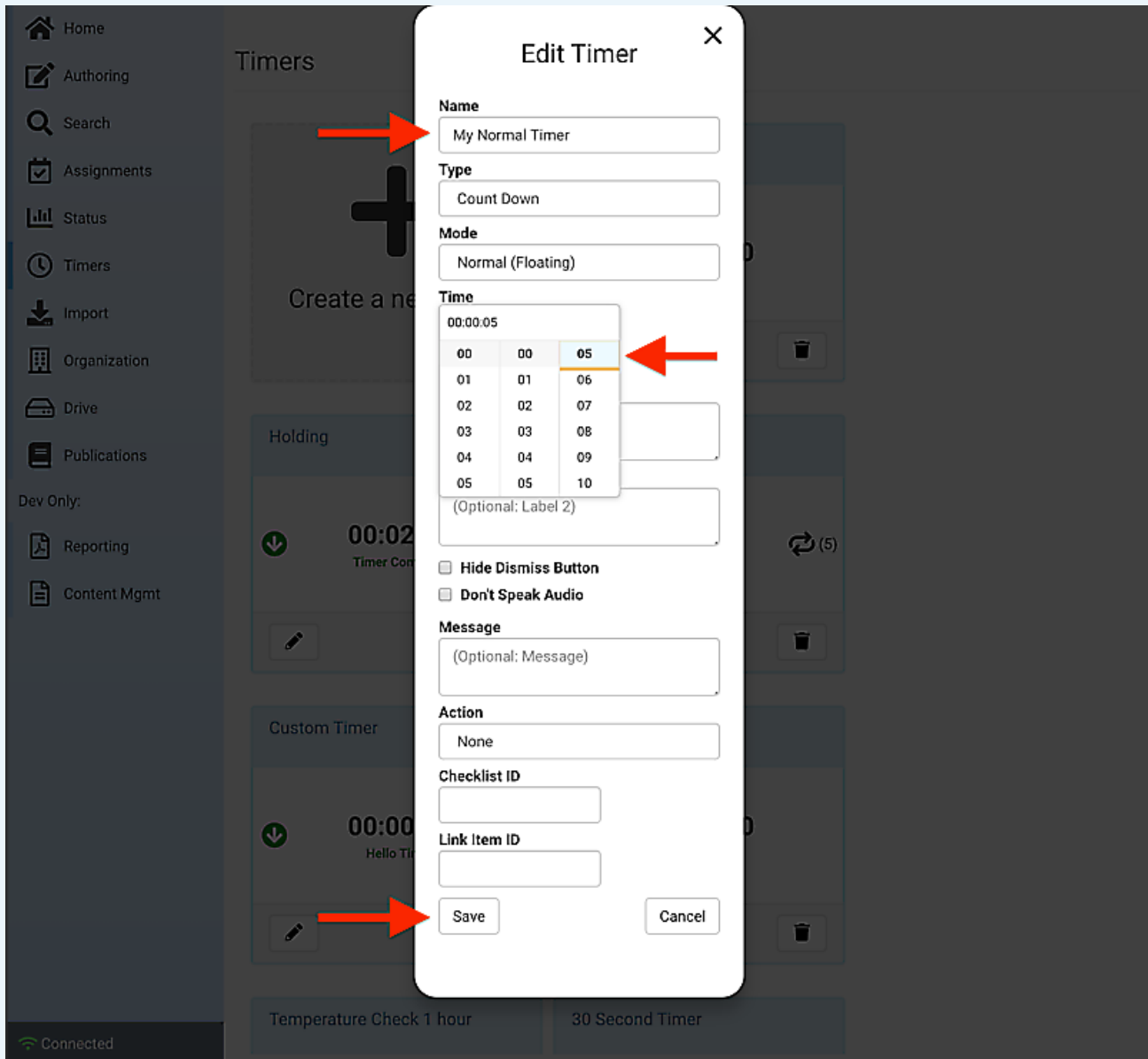
30 Second Timer

Connected

The dialog will now allow you to fill in information about your new timer, let's start with naming it "My Normal Timer", leave the type as "Count Down" and the mode as "Normal (Floating)".

Click the "Save" button when done.

Note: If you prefer the timer counts up to a certain time you can select "Count Up" it will then start at 0.



After the timer has been saved you will now see it in the list of available timers.

The screenshot displays a user interface for managing timers. On the left is a vertical navigation menu with icons and labels for: Home, Authoring, Search, Assignments, Status, Timers, Import, Organization, Drive, Publications, and a 'Dev Only' section containing Reporting and Content Mgmt. At the bottom left of the menu, a 'Connected' status indicator is visible. The main content area is titled 'Timers' and features a grid of timer cards. A dashed box with a large plus sign and the text 'Create a new timer' is positioned on the left, with a red arrow pointing to the first timer card. The timer cards are as follows:

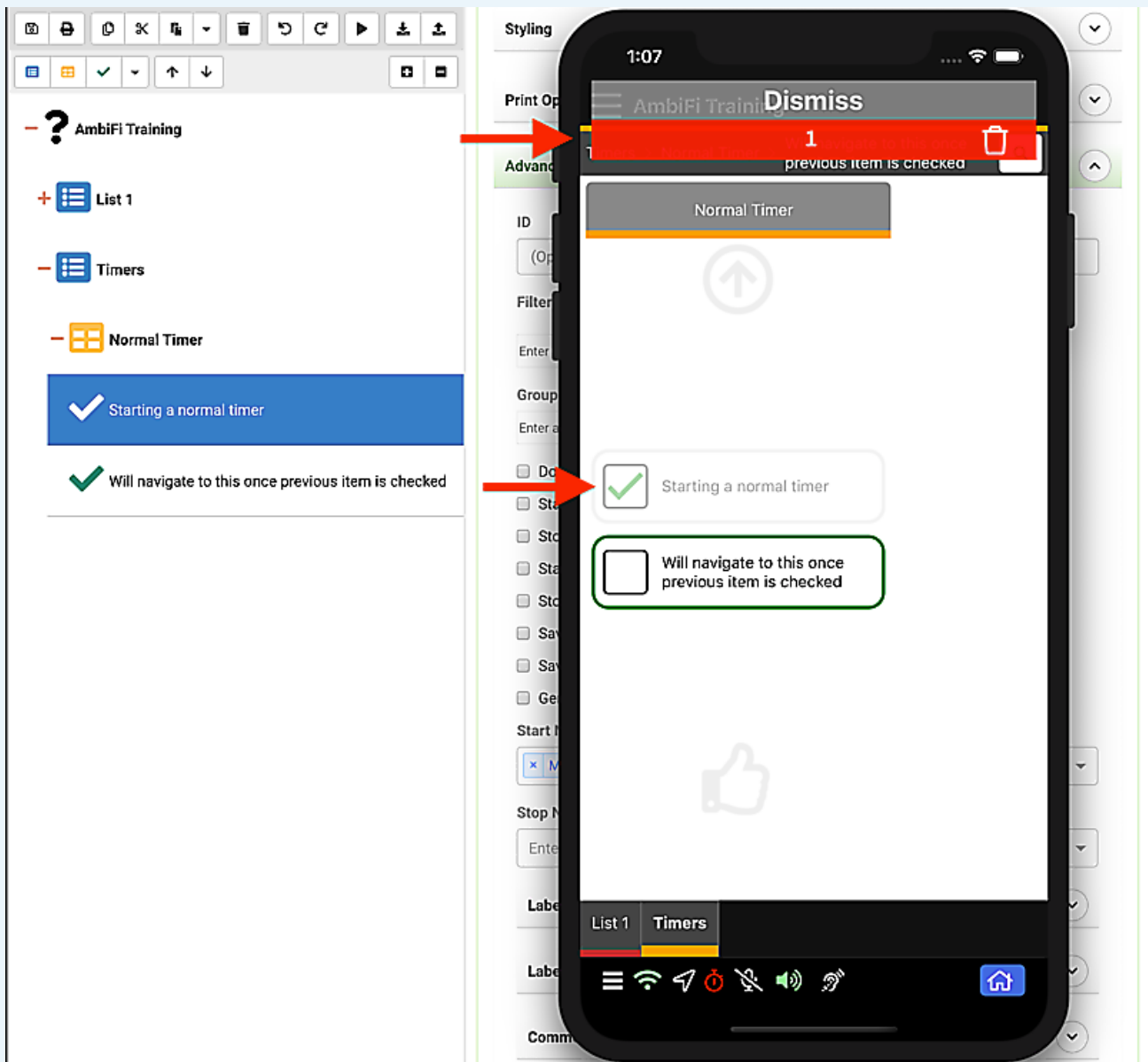
- My Normal Timer:** Shows a green downward arrow icon, a timer value of 00:00:05, and edit/delete icons at the bottom.
- Not Syncing:** Shows a green downward arrow icon, a timer value of 00:01:00, and edit/delete icons at the bottom.
- Holding:** Shows a green downward arrow icon, a timer value of 00:02:00, the text 'Timer Complete', and edit/delete icons at the bottom.
- Switch Tanks - 45 min:** Shows a green downward arrow icon, a timer value of 00:45:00, the text 'Switch Tanks', a refresh icon with '(5)', and edit/delete icons at the bottom.
- Custom Timer:** Shows a green downward arrow icon, a timer value of 00:00:05, the text 'Hello Timer', and edit/delete icons at the bottom.
- Hello timer:** A simple timer card with the text 'Hello timer'.
- Temperature Check 1 hour:** A simple timer card with the text 'Temperature Check 1 hour'.

Last but not least make sure to select the item that is supposed to start the timer (timer starts when this item is checked), navigate to "Advanced" and locate the "Start Named Timers" dropdown.

The first entry will be your newly created timer, select it.

The screenshot displays a software interface with a left sidebar and a right configuration panel. The sidebar contains a list of items: "AmbiFi Training", "List 1", "Timers", and "Normal Timer". A blue button labeled "Starting a normal timer" is highlighted with a red arrow pointing to it from the left. Below this button is a green checkmark and the text "Will navigate to this once previous item is checked". The right panel is titled "Advanced Options" and is highlighted with a green background. It contains several sections: "ID" with a text input field; "Filter Tags" with a text input field; "Group Names" with a text input field; a list of checkboxes for various actions like "Don't Print", "Start Timer when Checked", "Stop Timer when Checked", "Start Tracking when Checked", "Stop Tracking when Checked", "Save On Complete (Check)", "Save And Exit On Complete (Check)", and "Generate Report On Complete (Check)"; "Start Named Timers" with a dropdown menu showing "My Normal Timer" selected and highlighted with a red arrow; "Stop Named Timers" with a text input field; "Label 1" and "Label 2" with dropdown menus; and "Comments" with a dropdown menu.

The preview in the editor currently doesn't support timers, to see the timer in action use your mobile device instead and check the item which you designated for starting the named timer.



To create a modal timer that will block the user until it is complete make sure to navigate to the Timers screen again using the clock icon.

The screenshot displays the Ambifl Training software interface. The top navigation bar includes a home icon, 'Authoring' text, a search icon, a list icon, a clock icon (highlighted with a red arrow), a download icon, a print icon, a share icon, a refresh icon, and a user profile icon labeled 'AU'. Below the navigation bar is a toolbar with various editing tools. The left sidebar shows a tree view with 'Ambifl Training' expanded, containing 'List 1', 'Timers', and 'Normal Timer'. The 'Starting a normal timer' item is selected and highlighted in blue. The main content area shows the configuration for 'Starting a normal timer', which includes a 'Check Item' field, a 'Label Only' checkbox, a 'Navigation Title' section with a subtitle 'A shorter title for this item that will be shown in navigation.' and a text input field containing '(Navigation Title)', and a 'Don't Show In Navigation Tree View' checkbox. Below this are sections for 'Label 1' and 'Label 2', each with a text input field and a 'Don't Speak' checkbox. The 'Label 1' section also includes a 'Preview' section showing 'Starting a normal timer'. At the bottom, there is a 'Media' section with a scroll-up arrow and a row of media type dropdown menus: 'Background', 'Image', 'Video', and 'Audio'.



Click the "Add Timer" button again.

- Home
  - Authoring
  - Search
  - Assignments
  - Status
  - Timers
  - Import
  - Organization
  - Drive
  - Publications
  - Dev Only:
    - Reporting
    - Content Mgmt
- Connected

### Timers

**+**  
Create a new timer

Not Syncing

00:01:00

Holding

00:02:00  
Timer Complete

Switch Tanks - 45 min

00:45:00  
Switch Tanks (5)

Custom Timer

00:00:05  
Hello Timer

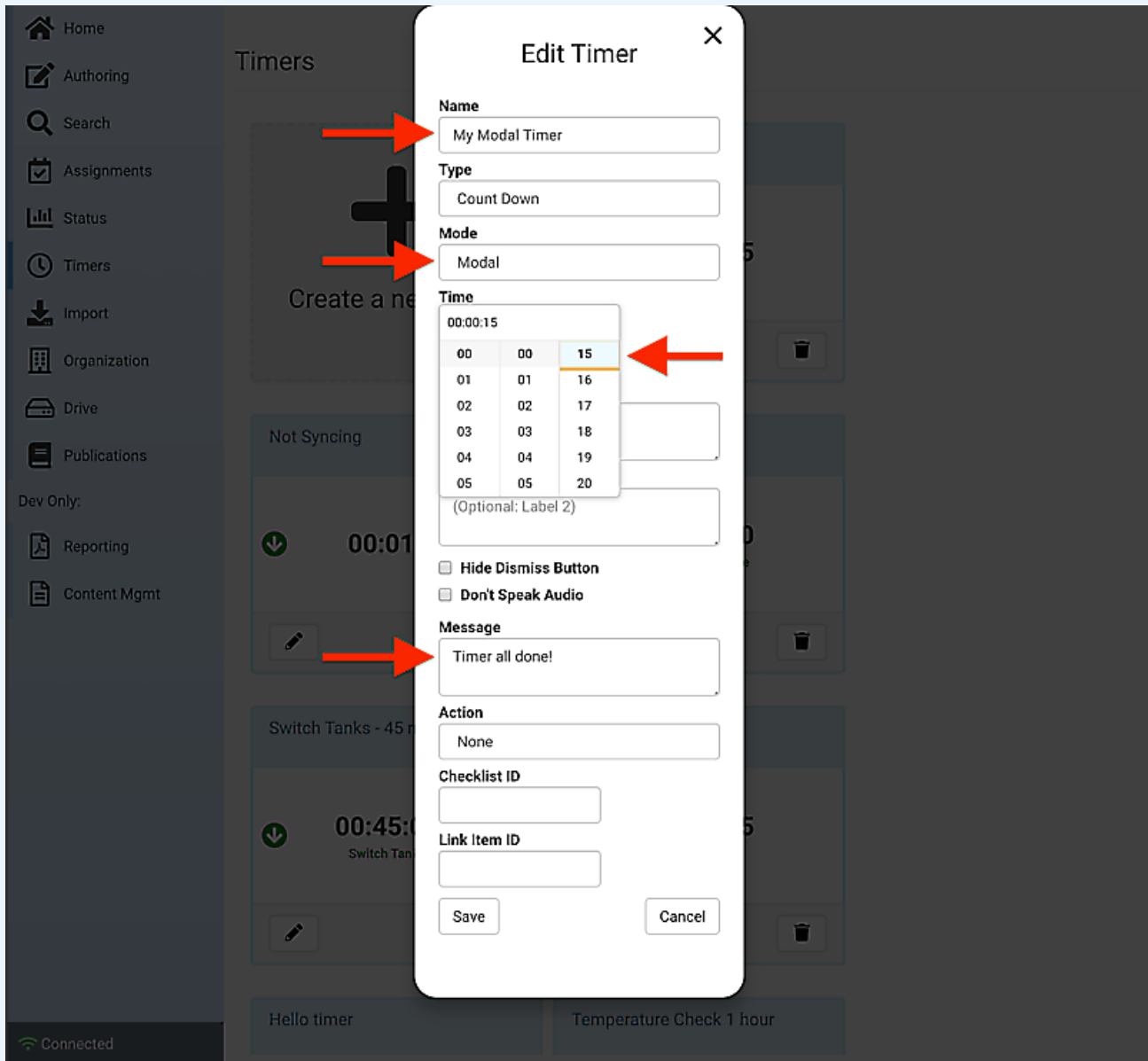
Hello timer

01:00:00  
Hello

Temperature Check 1 hour

30 Second Timer

This time select the "Modal" option for Mode, we will increase the time to 15 seconds and also add a nice message "Timer all done!" for when the timer completes. Click Save to create the new timer.



Once the timer has been created it will be shown in the timer list.

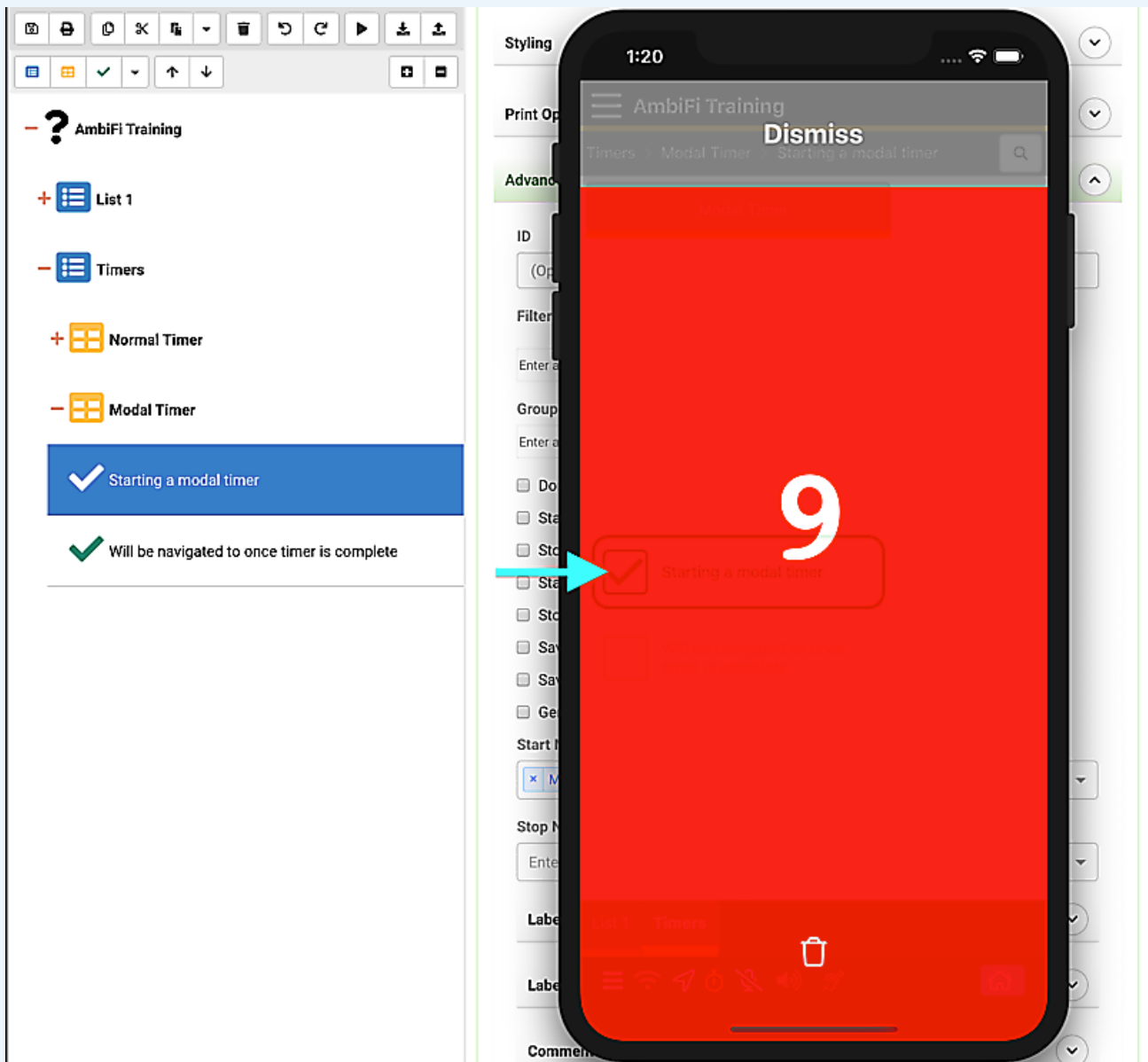
The screenshot displays a user interface for managing timers. On the left is a vertical sidebar with navigation icons and labels: Home, Authoring, Search, Assignments, Status, Timers (highlighted), Import, Organization, Drive, Publications, and a 'Dev Only' section containing Reporting and Content Mgmt. At the bottom of the sidebar, a 'Connected' status indicator is visible. The main content area is titled 'Timers' and features a large dashed box with a plus sign and the text 'Create a new timer'. A red arrow points from this box to the first timer card, 'My Modal Timer'. This card shows a green downward arrow, a timer value of '00:00:15', and the text 'Timer all done!'. Below the timer value are edit and delete icons. The list continues with 'My Normal Timer' (00:00:05, Timer Complete), 'Not Syncing' (00:01:00), 'Holding' (00:02:00, Timer Complete), and 'Switch Tanks - 45 min' (00:45:00, Switch Tanks, with a refresh icon and '(5)'). At the bottom of the list are two more cards: 'Custom Timer' and 'Hello timer'. The interface uses a light blue color scheme.

Going back into the activity you can now again reference the timer for the check item, note that you can do this for any item type not just checks. Other items types display an "Ok" button which will start the timer.

The screenshot displays a software interface with a left-hand navigation pane and a right-hand configuration pane. The left pane contains a list of items: "AmbiFi Training", "List 1", "Timers", "Normal Timer", "Modal Timer", "Starting a modal timer", and "Will be navigated to once timer is complete". The "Starting a modal timer" item is highlighted in blue. The right pane is titled "Advanced Options" and contains several sections: "ID" (with an input field for "(Optional: ID)"), "Filter Tags" (with a search input), "Group Names" (with a search input), a list of checkboxes for actions like "Don't Print", "Start Timer when Checked", "Stop Timer when Checked", "Start Tracking when Checked", "Stop Tracking when Checked", "Save On Complete (Check)", "Save And Exit On Complete (Check)", and "Generate Report On Complete (Check)", "Start Named Timers" (with a dropdown menu showing "My Modal Timer"), "Stop Named Timers" (with a search input), "Label 1", "Label 2", and "Comments".

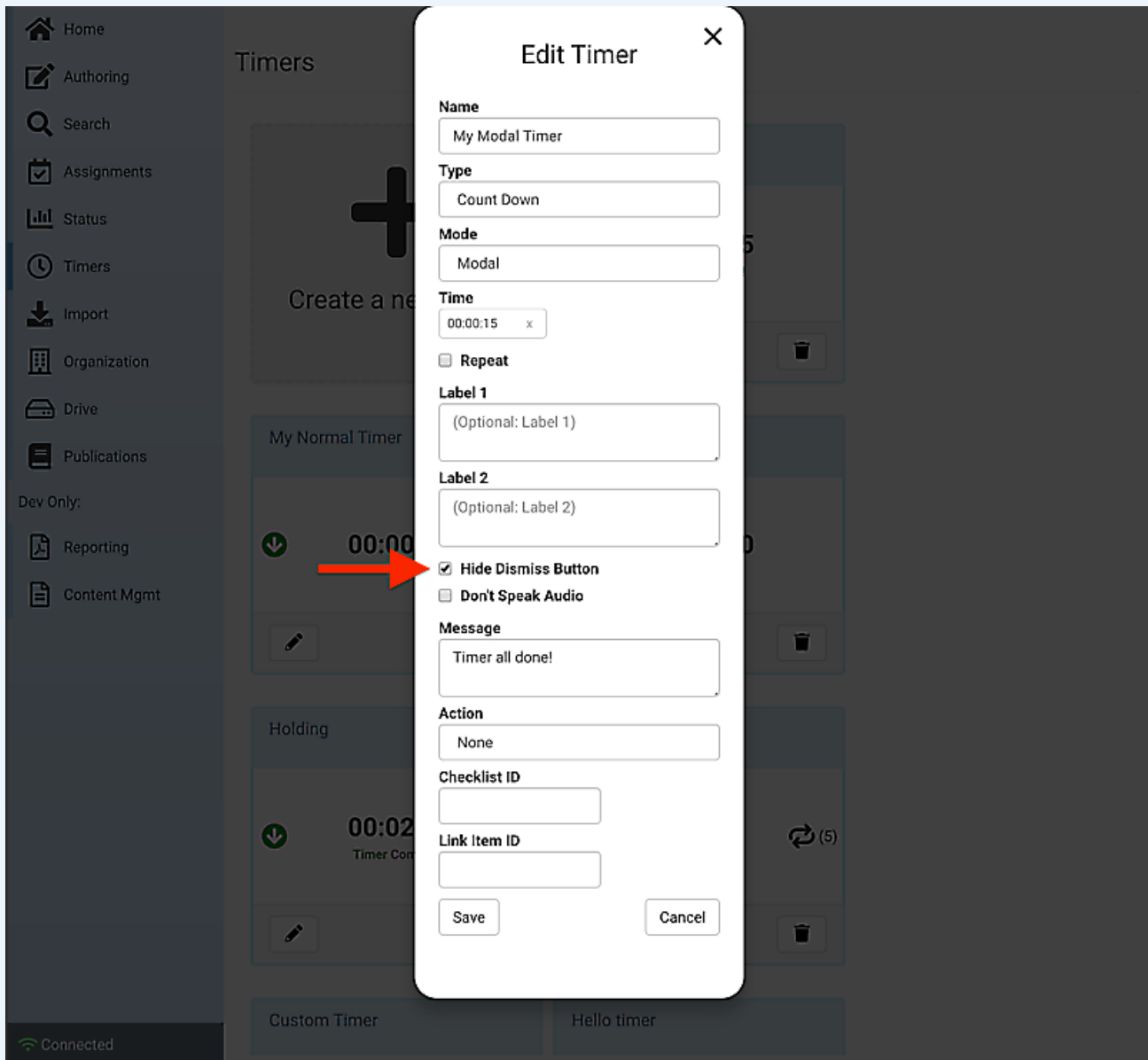
Red arrows point to the "Advanced Options" section in the right pane and the "Starting a modal timer" item in the left pane.

On the mobile device we can now test the timer by checking the box and will observe a modal timer that overlays the whole screen,



You may have noticed the "Dismiss" button on the previous modal, this would allow a user to dismiss the modal and move on prior to it being finished.

There is also an option to disable this, in the Timer editor check the "Hide Dismiss Button" checkbox.



Once this is hidden you will notice that the modal is now no longer dismissible.

