



# HDX-BU-200

## Web Content Workflow Lab

HCLSoftware U

Creating a new generation of experts

Edition December 2024

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## Author(s)

This document was created by the following Subject Matter Expert:



**Herbert Hilhorst**  
**Company:**  
**HCLSoftware**

### **Bio**

Herbert Hilhorst is an HCL Digital Experience (DX) Technical Advisor at HCLSoftware.

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## Introduction

This hands-on lab gets you started on the HCL Digital Experience (DX) platform and its workflow capabilities. You will see how workflow ensures that only approved content appears on your website. You will also learn to use the Content Reporting tool to easily search and modify several items together.

In this DX back-office user lab, you will act in the role of Rose, Ethan, and Albert, who are going to team up to prepare several changes to the website of the fictitious Woodburn Healthcare company.



**Rose Bozli**, Marketing Rep, based in Tokyo (Japan)

Rose, a Marketing Rep, will create a new product and submit it for approval. After approval, Rose will then update the content again and create a new version.



**Ethan Adams**, Chief Content Editor in San Francisco (USA)

Ethan is a content reviewer and will use the Web Content Home page to find, approve and publish the content created by Rose.



**Albert Dora**, Marketing Manager in San Francisco (USA)

Albert is a site manager, who will use the Content Reporting to extend the expiration date for some content items.

## Prerequisites

1. Completion of [HDX-INTRO](#) and [HDX-BU-100](#) courses, including the labs
2. A DX server with DX Solution Modules <https://hclsofy.com/catalog/dx-solution-modules> deployed of HCL SoFy, as this gives you access to the Woodburn Bank site and workflow.
3. Access to download the Lab Resources:  
In the same place where you have found this lab, you will find corresponding resources which you may download and unzip on your Desktop. This will help you run the lab more easily. You may later replace them with your own.

You will be using the following user IDs and passwords:

Purpose	User	Password
SoFy Login	Your official email id	Your password
SoFy Solution Console Login	sol-admin	<from SoFy solution>
DX Login (Marketing Rep Rose Bozli)	sbotello	HCL-Dem0
DX Login (Content Chief Editor Ethan Adams)	eadams	HCL-Dem0
DX Login (Marketing Manager Albert Dora)	Adora	HCL-Dem0

## Lab Overview

In this lab, you will learn to use web content workflow and to make bulk updates to content. You will discover has a four stage workflow with stages draft, review, publish and expire is used by different personas. There are different parts to use this workflow and to bulk update content, shortly introduced now.

### Part 1: Rose creates a new product and submits for approval

As Rose, you need to add a Withings BPM Connect Blood Monitor product to the Health Resources. You will set an expiry date and then submit the article for approval. You will also see how this shows in the Content Composer.

**Withings BPM Connect Blood Monitor**

QUICK & EAST TO READ RESULTS with color-coded feedback on display case - this blood pressure cuff arm measures systolic and diastolic. Ideal for individuals with high blood pressure.

ONE OF THE MOST ACCURATE BLOOD PRESSURE MONITORS - FDA cleared portable automatic blood pressure monitor upper arm for easy at home arterial activity monitoring. fsa hsa approved products only

WI-FI & BLUETOOTH SYNC - The bp monitor for the arm automatically syncs data wireless to the Health Mate app. Easier than a manual blood pressure cuff. Great activity, health & wellness monitors.

LONG LASTING RECHARGEABLE BATTERY - This blood pressure monitors battery charge lasts 6 months. built in battery case and in-app battery monitor. Don't let short battery life stop your heart health.

SHARE WITH YOUR DOCTOR - Automatic blood pressure cuff easily email your reports to a healthcare provider from wrist blood pressure monitor via app (only iOS). Great blood pressure cuffs for home use.

BY  
Withings

Item #  
B07SJV1HNR

**97**

100% Covered by Woodburn HC

Cost to you:  
**25.1**

Content Template: Product - CT  
Title: Withings BPM Connect Blood Monitor  
Description:  
Document Status: Draft  
Workflow: Four stage workflow  
Publish Date: Dec 22, 2023, 9:09:27 AM GMT  
Expiry Date: Dec 23, 2024, 12:00:00 AM GMT

Context Menu: Configure Spot, Withings BPM Conne... draft, Open Read Form, Open Edit Form, Move to Next Stage, **Submit for Review**, Delete

### Part 2: Ethan Reviews the Product and Approves it

As Ethan, you've been notified that Rose has created a new product and would like you to review and approve. You will use the Web Content Home page to search for, preview, and approve Rose's content.

**Web Content Activity**

---

Show: [All](#)   [My Favorites](#)   [My Recent Items](#)   [My Drafts](#)   [My Pending Approvals](#)

[Open selected view in the Library Explorer](#)

**Withings BPM Connect Blood Monitor**  
 Moved by user Rose Bozli - From stage Draft to Review | Woodburn Healthcare Content / woodburnhealthcare / healthresources / products | Today 9:13:  
 Status is Draft | [Open](#) | [Approve](#) | [Reject](#) | [Preview](#)

### Part 3: Rose creates a new version of the content previously created

Rose now wants to update the Withings BPM Connect Blood Monitor product, to better indicate it is a new product. She will create a new draft that she updates and submits for approval again.

**Open Read Form**

Libraries > Woodburn Healthcare Content > Content > woodburnhealthcare > healthresources > products > Withings BPM Connect Blood Monitor

**Withings BPM Connect Blood Monitor** ☆  
 Status - Published | Last modified Today 10:27:40 AM GMT by Rose Bozli | Created by Rose Bozli

[Preview](#) | [Link](#) | [Create Draft](#) | [Versions](#) | [View References](#) | [Close](#)

[Content](#) | [Properties](#) | [Comments \(1\)](#)

Ethan Adams approved on 12/22/23, 11:27 AM  
 Good product. All correct.

### Part 4: Albert uses Content Reporting to extend the expiration date

When Rose created the Withings BPM Connect Blood Monitor product, she set the expiration date to a year from now. Albert needs to update this to two years from now.

**Reporting** 1 results found [Updates](#) [Update](#) [Export](#)

---

**Search Criteria** Expiry date: From 12/22/2023, To 12/31/2024; [View Criteria](#)

Title ↑	Name	Loc...	Status	Type	Expi...	Las...	Own...	A...
W...	Withings...	Wo...	P	Conte		UTC	cn...	cn...

Show rows: 50 ▾ 1-1 of 1

✔ 1 item updated successfully [View item](#) ×

## Part 1: Rose Creates a new Product and Submits for Approval

As Rose, you need to add a Withings BPM Connect Blood Monitor product to the Health Resources. You will set an expiry date and then submit the article for approval. You will also see how this shows in the Content Composer.

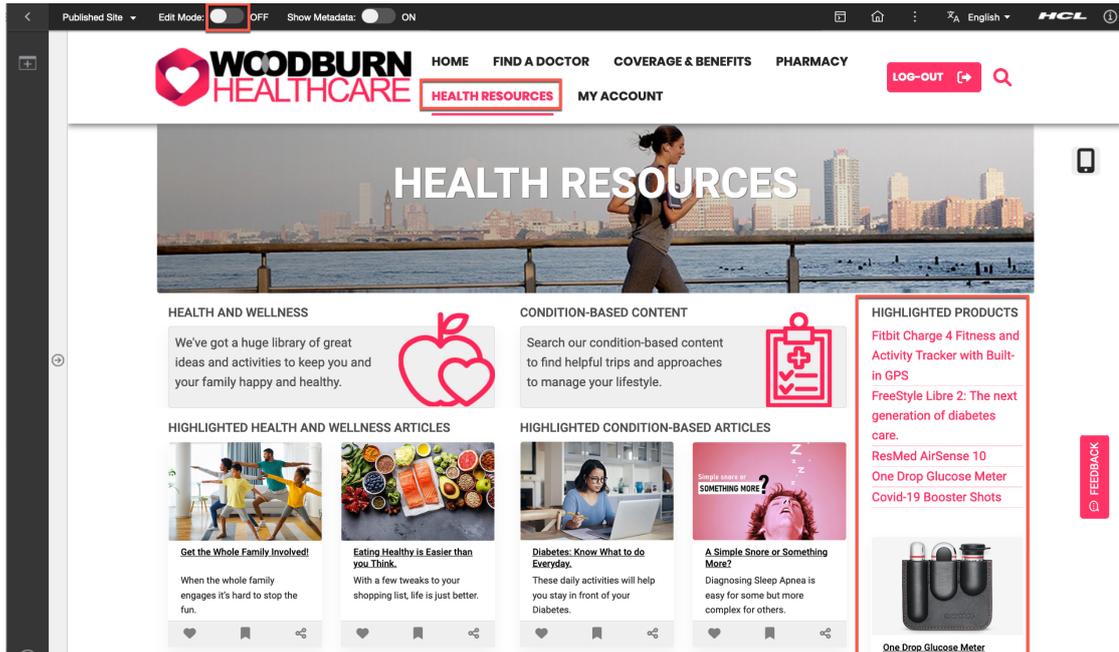
1. Go to the home page of Woodburn Healthcare first. On the server where the DX Solution Modules has been installed, next to **Woodburn Healthcare Home Page**, click **Open**. Simulator, to access your instance of the DX Solution Modules.

The screenshot shows the DX Solution Modules interface. On the left, there's a sidebar with a 'Deployed' status and a 'Sandbox Expires' timer. Below that, the 'Sandbox Links' section lists several items: 'Demo Home Page' with an 'Open' button, 'Login ID' with the value 'wpsadmin', 'Password' with the value 'wpsadmin', and 'Woodburn Healthcare Home Page' with an 'Open' button that is highlighted with a red box. The main content area on the right features a video player for 'HCL Digital Experience Business Solution Examples' and a heading 'HCL Digital Experience Solution Modules'.

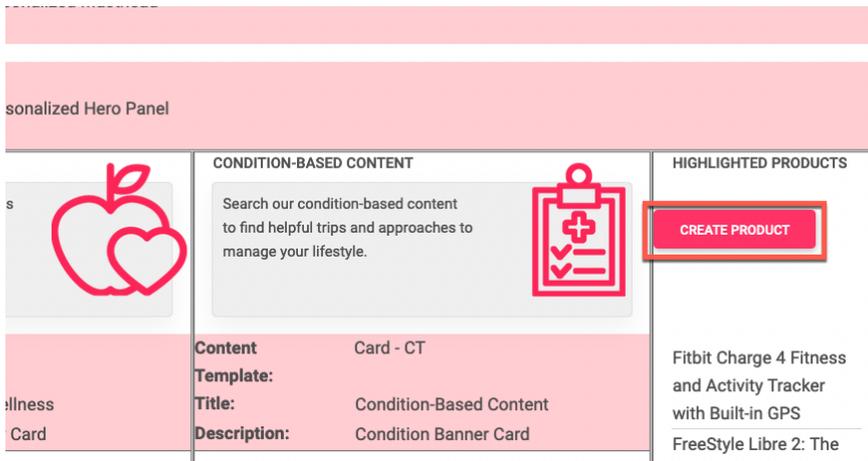
2. Then click **LOG-IN**, enter **User ID rbozli** and **Password HCL-Dem0** and click **LOG-IN**.

The screenshot shows a login form overlay. The form has a title 'Login' and a close button. It contains two input fields: 'User ID' with the value 'rbozli' and 'Password' with masked characters. A red 'LOG-IN' button is at the bottom. The background shows a blurred view of a website header with 'HOM' and 'HEALTH RES' visible.

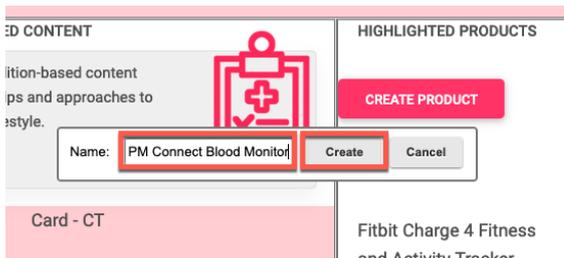
- Navigate to the **HEALTH RESOURCES** page. Here you see the current HIGHLIGHTED PRODUCTS. Now add your Withings BPM Connect blood monitor. Enable the **Edit Mode**.



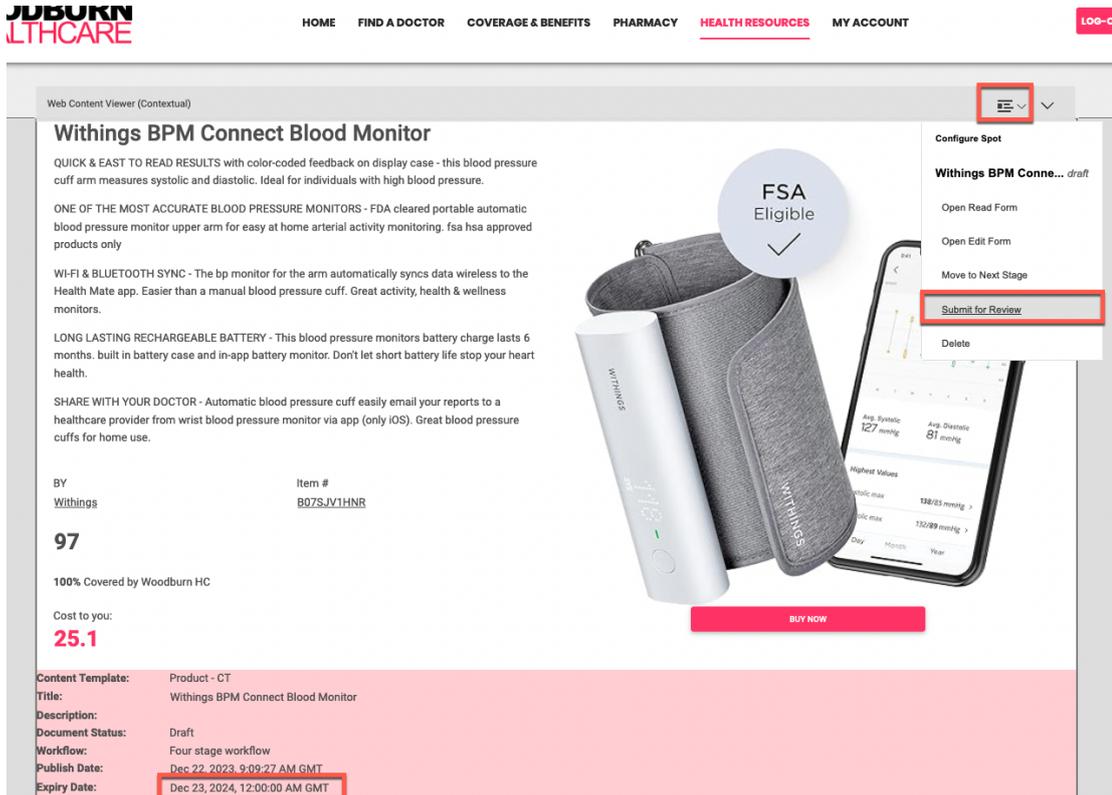
- You now have an option to create a new product. Click **Create Product**.



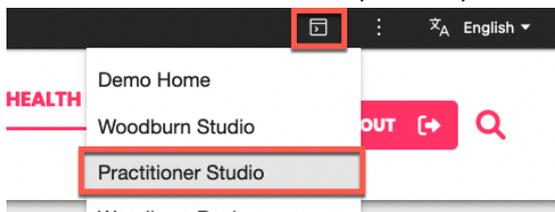
- And enter the name of your new product **Withings BPM Connect Blood Monitor**. Then click **Create**.



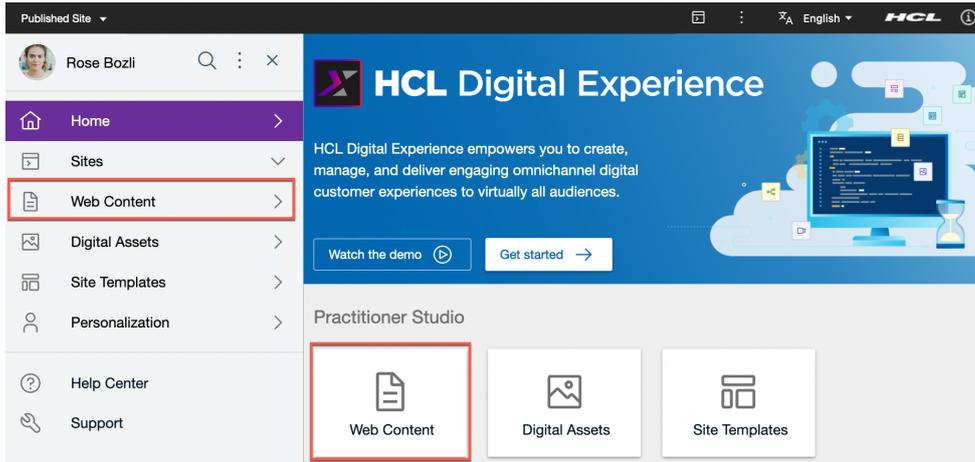
- You should see the detail page for your new product. Then, use the lab resources **Withings BPM Connect.docx** to set the **title (Title)**, **description (Description)**, **by (Manufacturer)**, **item # (Item Number)**, **price** and **Cost to you (Member Price)** for his product and update the **Primary Image** with the lab resource **Withings BPM Connect.jpg**, or use one of your own. Notice also the specific workflow related information in the meta-data. It shows it uses the Four stage workflow and is currently in draft. You may specify when you would to publish and expire the item. Leave the publish date and set the expire date to a year from now. It should look like below. Then submit your article for review so Ethan can review and approve.



- Ignore what the page shows, as your content is in draft and you are working on the published site. If you were using a Project, your content would continue to show properly in draft. You'll learn more on this in the Project lesson. Also, you would typically use an e-mail action to inform your approvers on your new content, that would be part of the workflow. This is not set up here, as there is no mail server running on HCL SoFy. Now check how this looks like in the Content Composer. Open the site menu and select the **Practitioner Studio**.



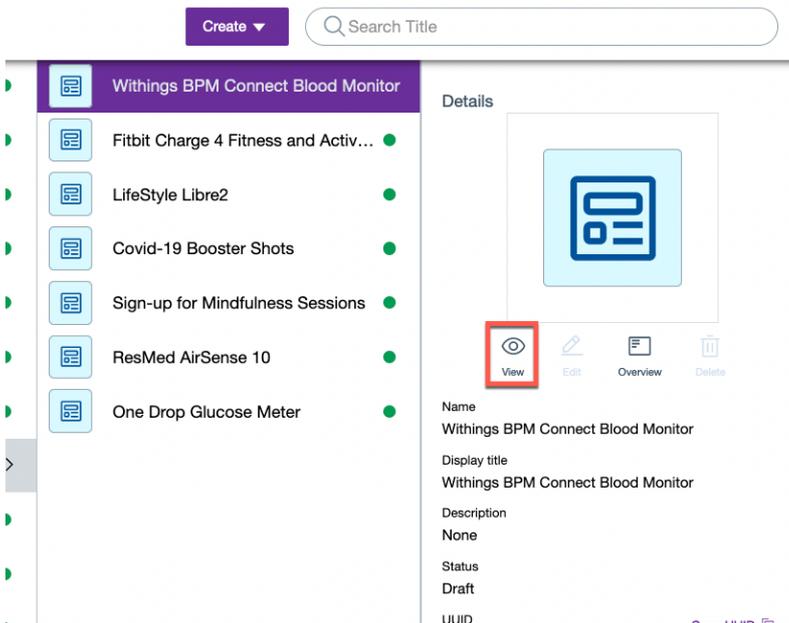
8. And go to Web Content. Click any of the **Web Content** options.



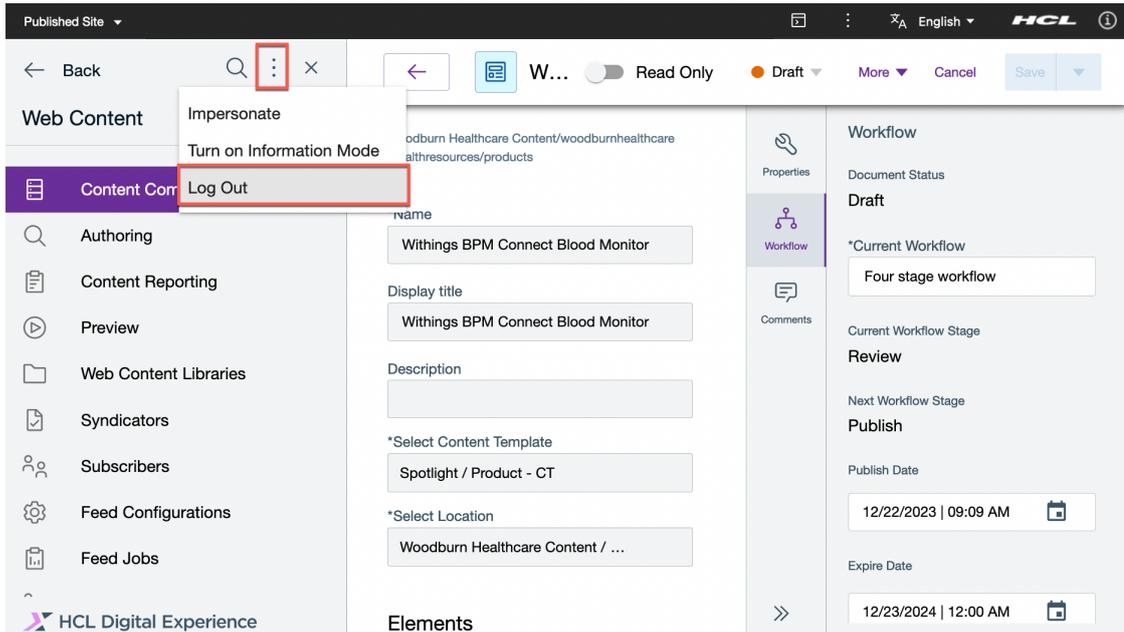
9. Then select the **Woodburn Healthcare Content library - Content – woodburnhealthcare – healthresources – products – Withings BPM Connect Blood Monitor**. Notice its icon which is orange, meaning in draft.



10. You can now only view it. Notice it is still in draft. If you had it saved, instead of submitting for a review, you would be able to make updates here. Now view it. Click **View**.



11. Notice it is currently in the Review workflow stage, waiting for Ethan to approve. Log out as Rose.

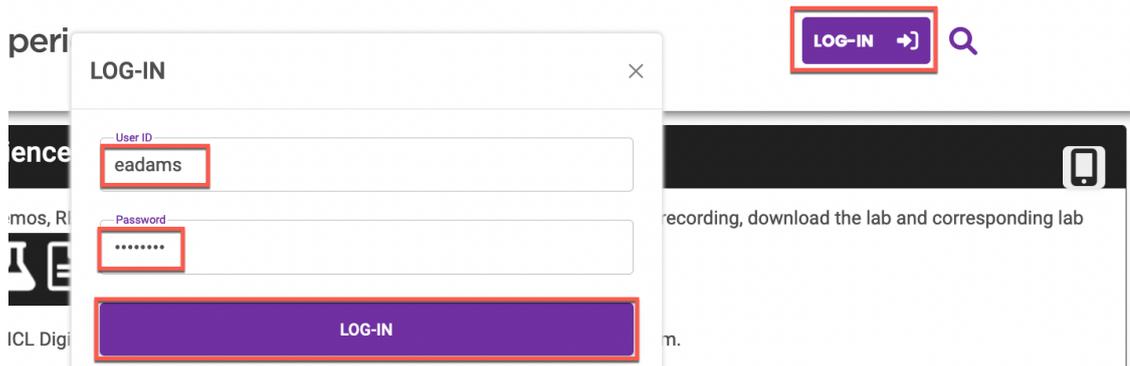


Congratulations! You've created a new draft content product called Withings BPM Connect Blood Monitor using the Site Manager and have submitted it for review.

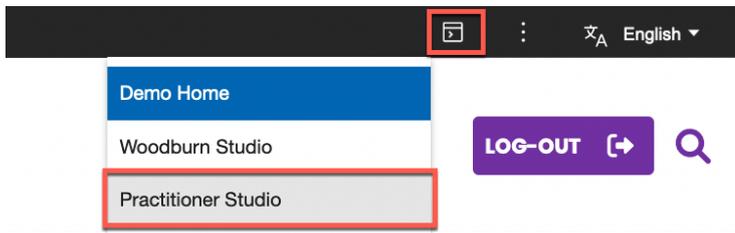
## Part 2: Ethan Reviews the Product and Approves it

As Ethan, you've been notified that Rose has created a new product and would like you to review and approve. You will use the Web Content Home page to search for, preview, and approve Rose's content.

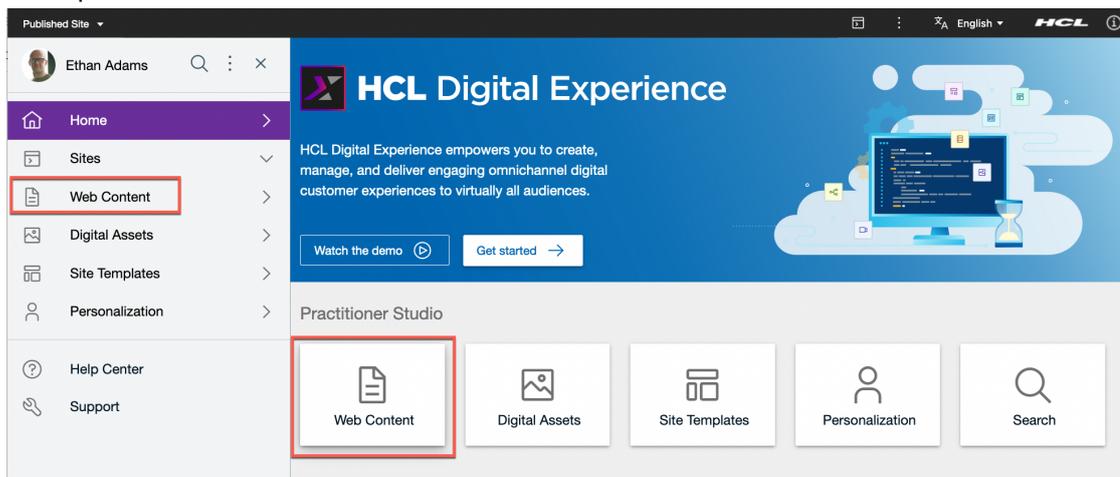
1. Now log in as Ethan, a member of the content approvers team, to review and approve Rose's content. Click **LOG-IN**, enter **User ID eadams** and **Password HCL-Dem0** and click **LOG-IN**.



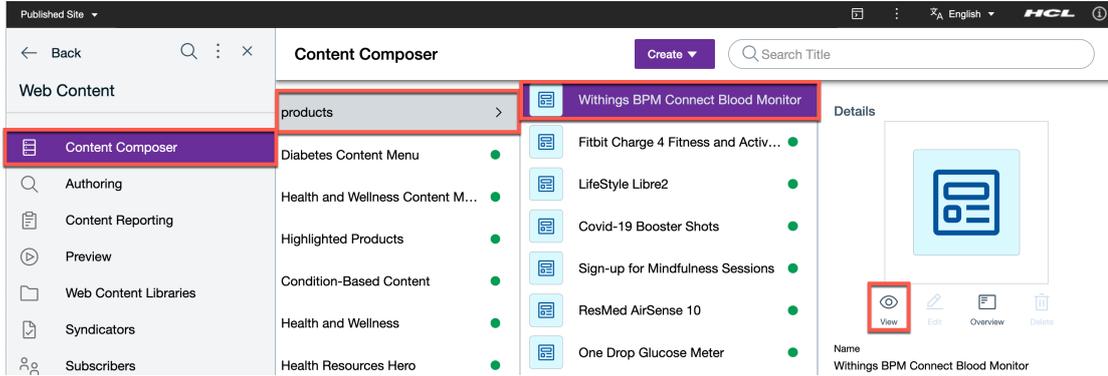
2. First check it out in the Content Composer. Open the site menu and click the **Practitioner Studio**.



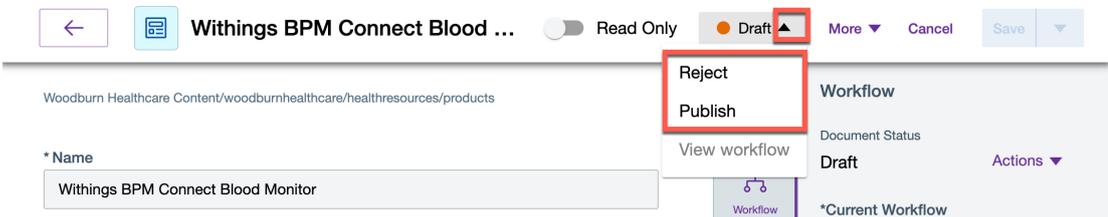
3. And open Web Content. Click **Web Content**.



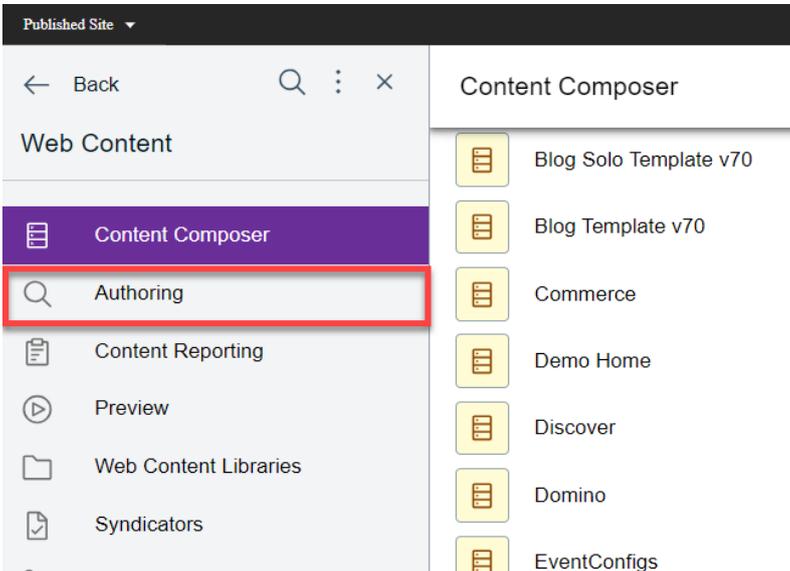
- You may still use the Content Composer to view and approve the content. Select the **Woodburn Healthcare Content** library, **Content**, **woodburnhealth**, **healthresources**, **products**, **Whithings BPM Connect Blood Monitor** and **View**.



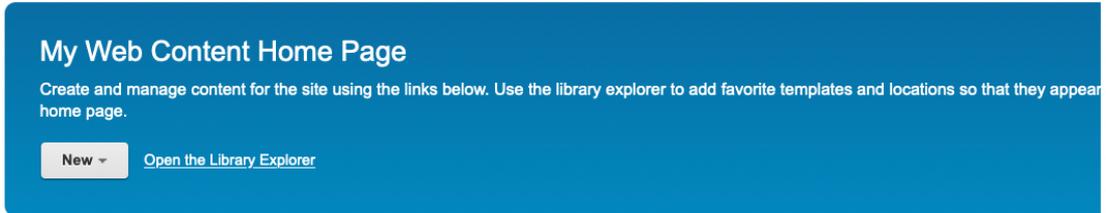
- You can view the content and have the options to reject or accept/publish.



- However, instead use the Web Content Authoring. This allows an easier view of the all items that may need your approval.



- This gives you access to your Web Content Home Page. This helps you simplifying managing content in the back office. Notice the new **Withings BPM Connect Blood Monitor** content under the **Web Content Activity**. You have dedicated views to see all your favorites, recent items, drafts and pending approvals. Have a look at all content you need to approve. Click **My Pending Approvals**.



### Create Content

#### My Favorites:

No favorite templates available. Use the [Library Explorer](#) to select some favorite templates.  
[Select from all templates...](#)

#### My Recents:

No recently used templates available.

### Open Views in the Library Explorer

#### My Favorite Locations:

No favorite locations available. Use the [Library Explorer](#) to select some favorite locations.

### Web Content Activity

Show: [All](#) [My Favorites](#) [My Recent Items](#) [My Drafts](#) [My Pending Approvals](#)

[Open selected view in the Library Explorer](#)

**Withings BPM Connect Blood Monitor**  
 Moved by user Rose Bozli - From stage Draft to Review | Woodburn Healthcare Content / woodburnhealthcare / healthresources / products | Today 9:13:2  
 Status is Draft | [Open](#) | [Preview](#)

- There are options to Open, Approve, Reject, and Preview. Have a look first on how this content previews. Click **Preview**.

### Web Content Activity

Show: [All](#) [My Favorites](#) [My Recent Items](#) [My Drafts](#) [My Pending Approvals](#)

[Open selected view in the Library Explorer](#)

**Withings BPM Connect Blood Monitor**  
 Moved by user Rose Bozli - From stage Draft to Review | Woodburn Healthcare Content / woodburnhealthcare / healthresources / products | Today 9:13:  
 Status is Draft | [Open](#) | [Approve](#) | [Reject](#) | [Preview](#)

- Ensure you allow pop-ups, as the preview will open in a new window. Check if it is good to approve.

**Withings BPM Connect Blood Monitor**

QUICK & EAST TO READ RESULTS with color-coded feedback on display case - this blood pressure cuff arm measures systolic and diastolic. Ideal for individuals with high blood pressure.

ONE OF THE MOST ACCURATE BLOOD PRESSURE MONITORS - FDA cleared portable automatic blood pressure monitor upper arm for easy at home arterial activity monitoring. fsa hsa approved products only

WI-FI & BLUETOOTH SYNC - The bp monitor for the arm automatically syncs data wireless to the Health Mate app. Easier than a manual blood pressure cuff. Great activity, health & wellness monitors.

LONG LASTING RECHARGEABLE BATTERY - This blood pressure monitors battery charge lasts 6 months. built in battery case and in-app battery monitor. Don't let short battery life stop your heart health.

SHARE WITH YOUR DOCTOR - Automatic blood pressure cuff easily email your reports to a healthcare provider from wrist blood pressure monitor via app (only iOS). Great blood pressure cuffs for home use.

BY Withings Item # B07SJV1HNR

**97**

100% Covered by Woodburn HC

Cost to you:  
**25.1**

FSA Eligible

BUY NOW

- Then go back to the previous window, close this new one, and approve it. Click **Approve**.

**Web Content Activity**

Show: [All](#) [My Favorites](#) [My Recent Items](#) [My Drafts](#) [My Pending Approvals](#)

Open selected view in the Library Explorer

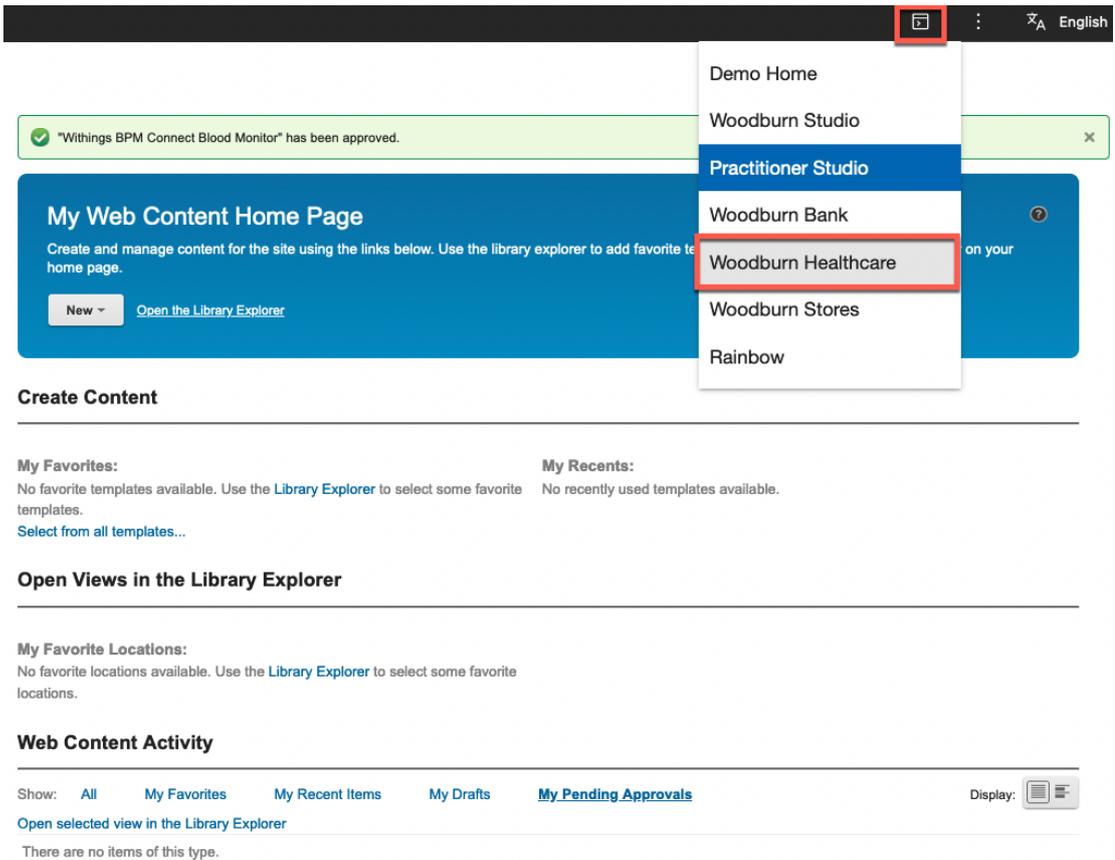
**Withings BPM Connect Blood Monitor**  
 Moved by user Rose Bozli - From stage Draft to Review | Woodburn Healthcare Content / woodburnhealthcare / healthresources / products | Today 9:13:  
 Status is Draft | [Open](#) [Approve](#) [Reject](#) | [Preview](#)

- This workflow is configured to require a comment. Enter for example Good product. All correct. All correct. And click **OK**.

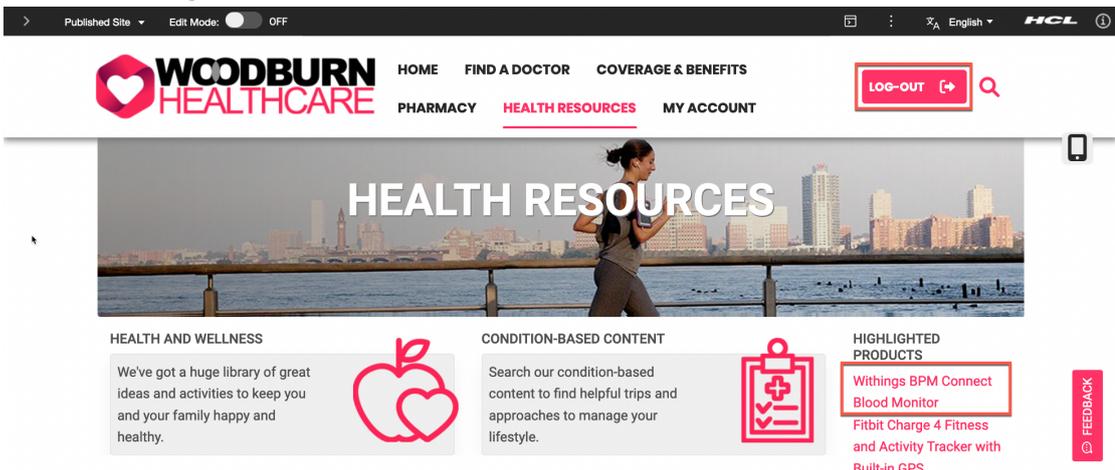
**Enter a comment**

Enter comment here:

12. You have no other pending approvals. Now check if the product is correctly published. Open the Woodburn Healthcare site.



13. And go to the Health Resources page where you see the new product. You may look at it in details. Then log out. Click **LOG-OUT**.

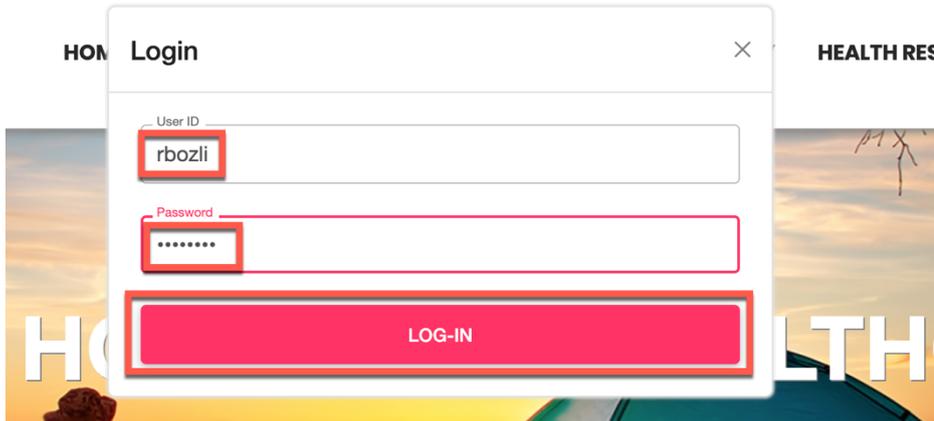


Congratulations! You have successfully reviewed and approved Rose’s content using the **Web Content Home Page** interface.

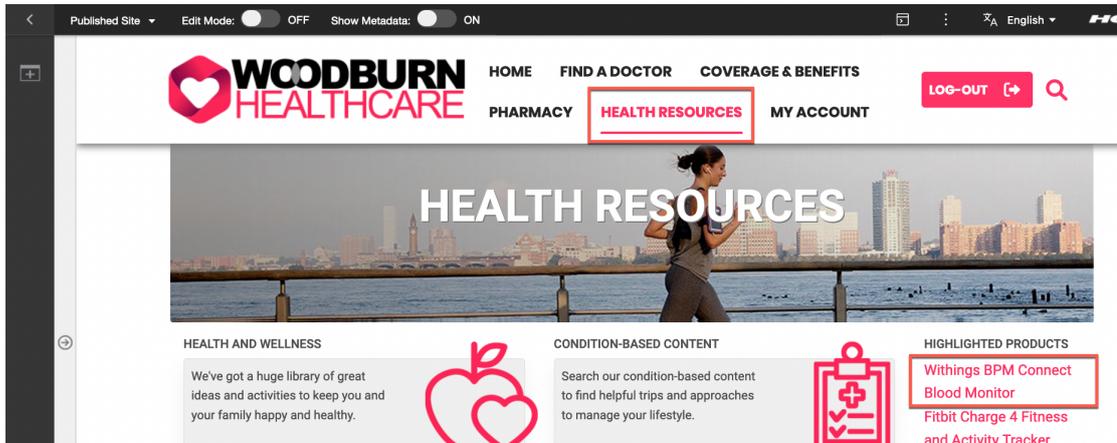
## Part 3: Rose Updates the Product

Rose now wants to update the Withings BPM Connect Blood Monitor product, to better indicate it is a new product. She will create a new draft that she updates and submits for approval again.

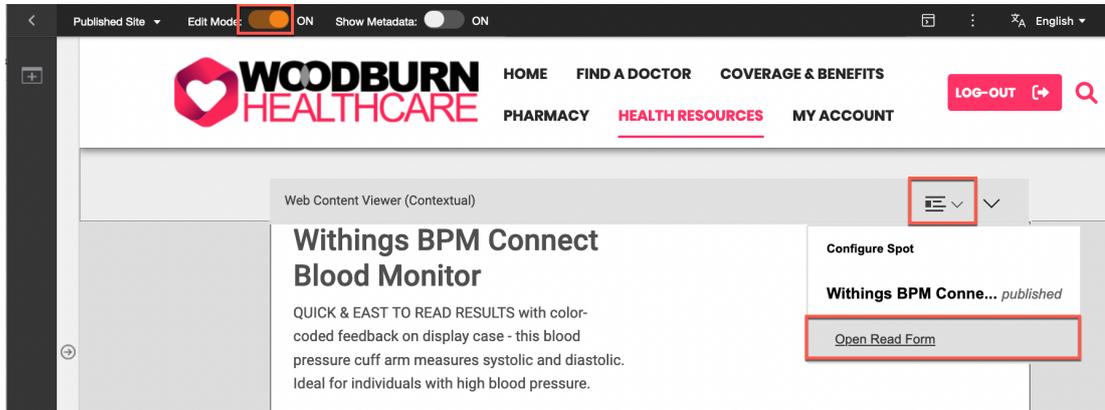
1. Login a Rose. Click **LOG-IN**, enter **User ID rbozli** and **Password HCL-Dem0** and click **LOG-IN**.



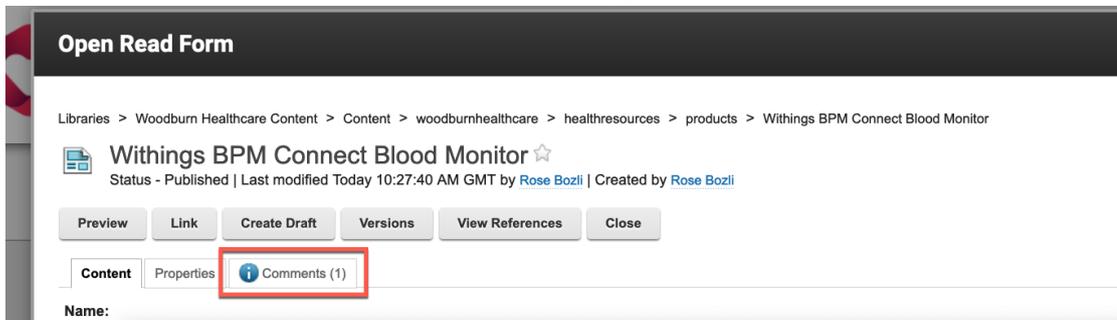
2. Then navigate to the **HEALTH RESOURCES** page and select the **Withings BPM Connect Blood Monitor** product.



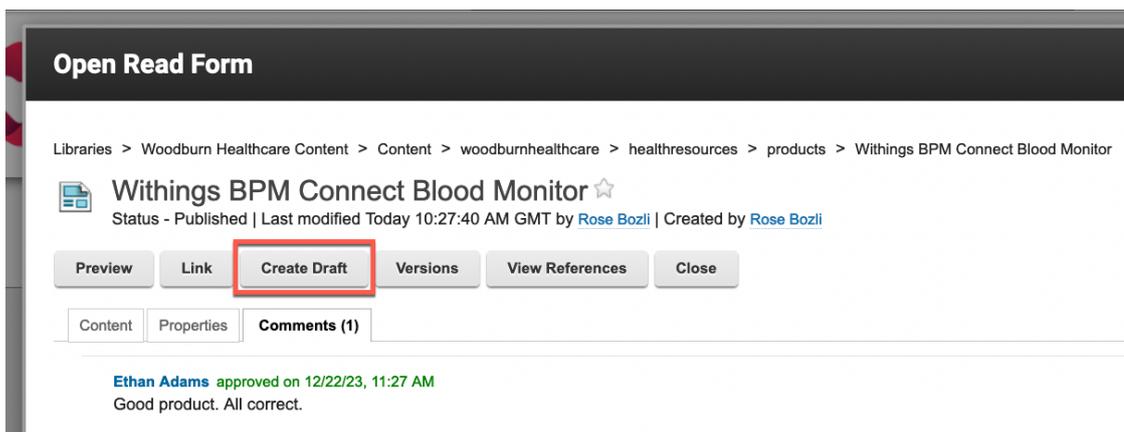
- Then enable the **Edit Mode**. Notice that you typically would work with a project. In that case Rose would simply use make the changes directly in the page and this would automatically create a draft. As you are now working on a published site, you need to use form. Open the **Content Menu** and click **Open Read Form**.



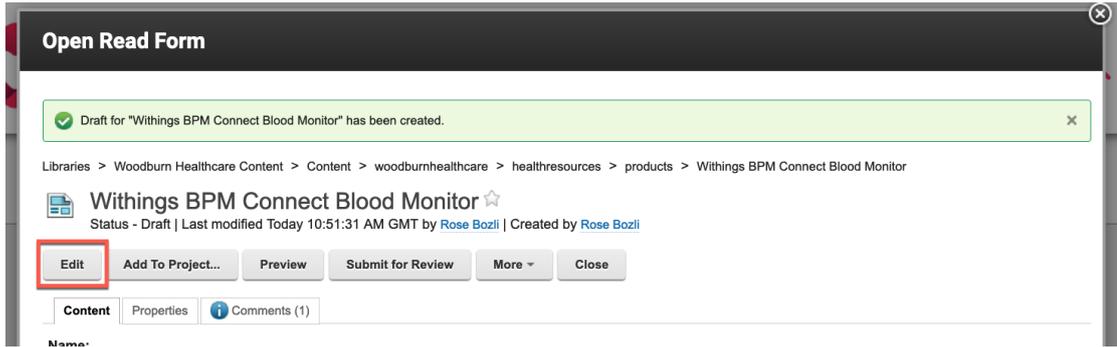
- First have a look at the comment that Ethan, the approver added. Click **Comments**.



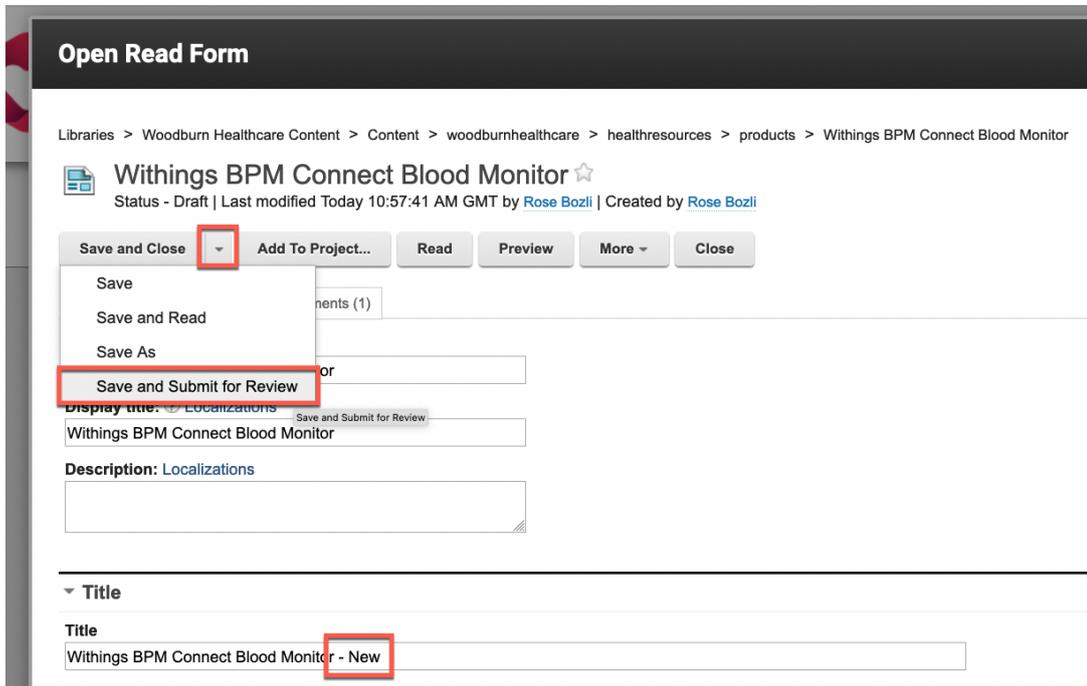
- You cannot make changes to this published version. Therefore, you first need to create a new draft. Click **Create Draft**.



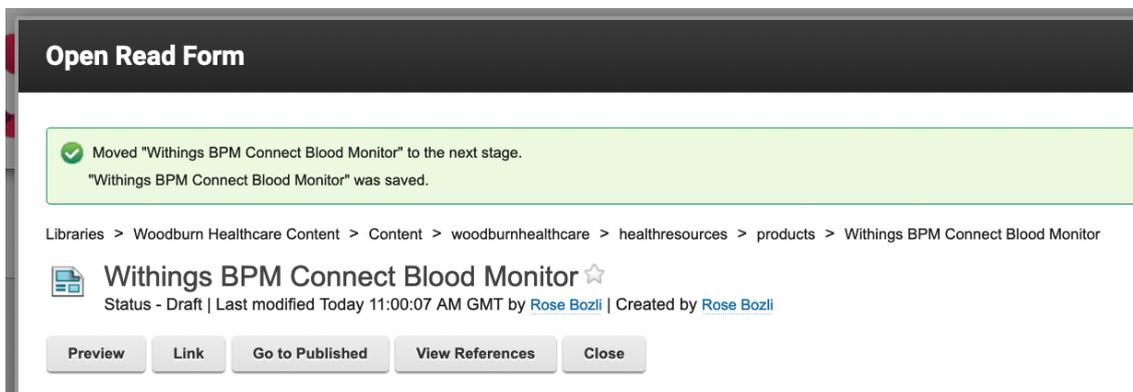
6. Now you can edit the new draft. Click **Edit**



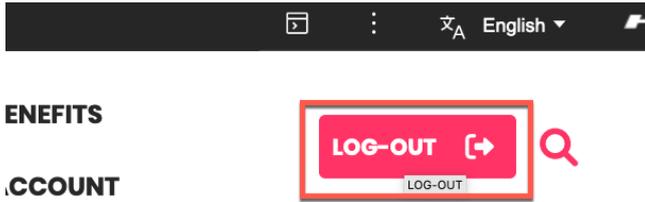
7. Then update the title and add – **New** and submit it for review again. Click **Save and Submit for Review**.



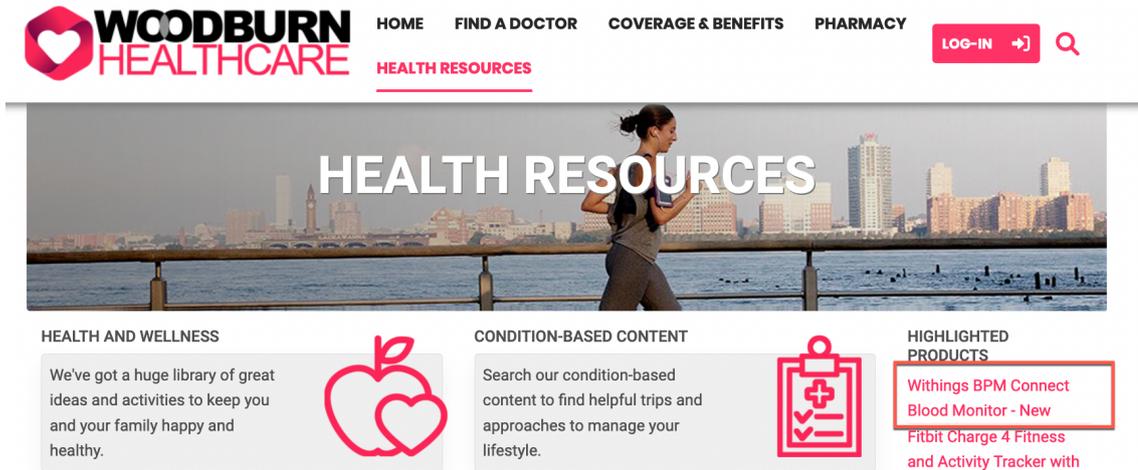
8. And close it. Click **Close**.



9. Notice that you still see the currently published version of your product. Now log out as Rose.



10. Then repeat part 2 with Ethan to approve this new version. It should show with the updated title.

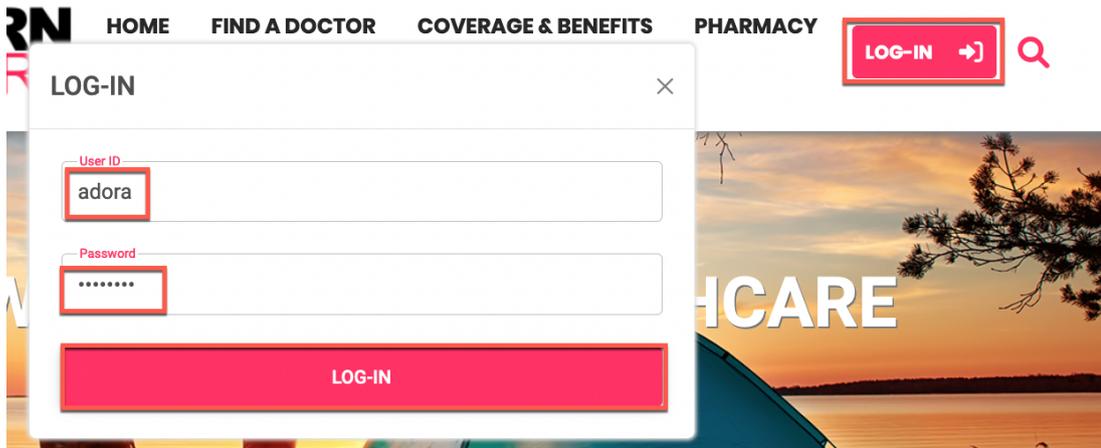


Congratulations, you have successfully created a new version of the **Wealth Management** article and submitted it for review, all while keeping the original text in place until the updated article gets approved.

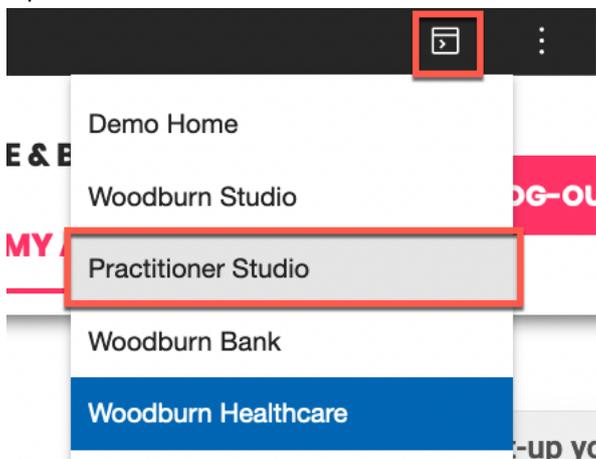
## Part 4: Albert uses Content Reporting to Extend the Expiration Date

When Rose created the Withings BPM Connect Blood Monitor product, she set the expiration date to a year from now. Albert needs to update this to two years from now.

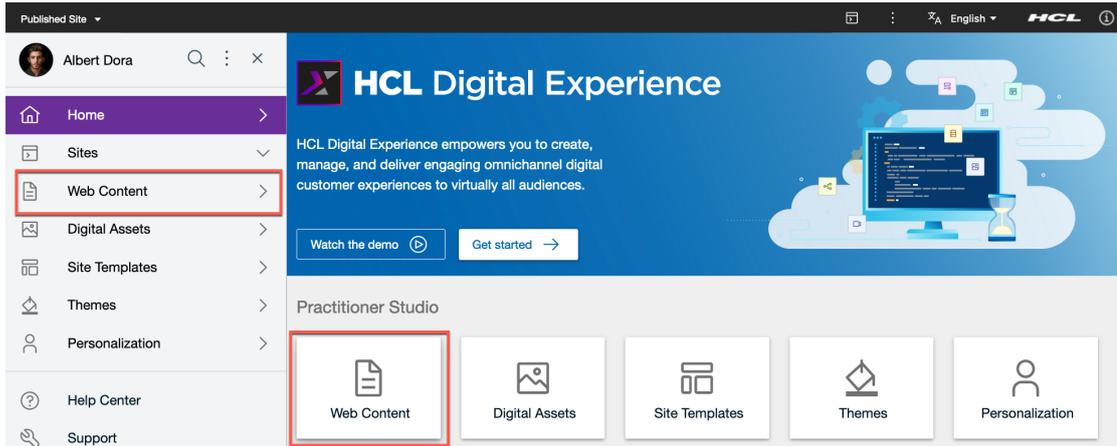
1. Now log in as Albert, a marketing manager with a site manager role and go to the Content Reporting. Click **LOG-IN**, enter **User ID adora** and **Password HCL-Dem0** and click **LOG-IN**.



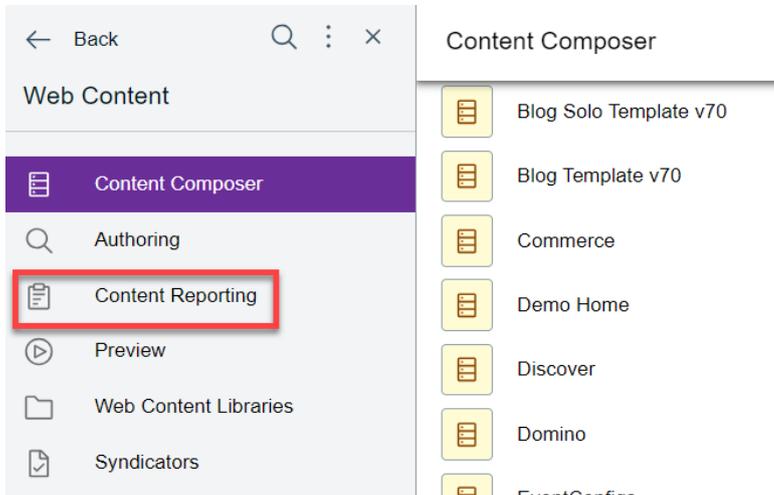
2. Open the site menu and click **Practitioner Studio**.



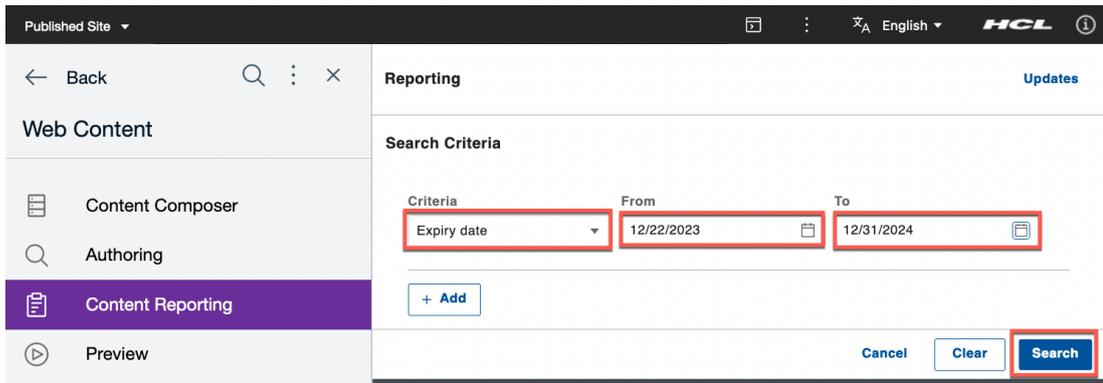
3. Then go to web content. Click **Web Content**.



4. And go to Content Reporting. Click **Content Reporting**.



5. Now select all contents that are planned to expire in the next year. Under **Criteria**, select **Expiry Date** and select a date range from today to a bit more than a year from today. In your environment, you may need to search for a date further in the future. Click **Search**.



6. You see the product that was created by Rose and approved by Ethan. Click **Update**.

The screenshot shows a reporting interface with the following elements:

- Reporting 1 results found
- Buttons: Updates, **Update** (highlighted), Export
- Search Criteria: Expiry date: From 12/22/2023, To 12/31/2024; View Criteria
- Table with columns: Title, Name, Location, Status, Type, Expires on, Last modi..., Owners, Authors
- Table Row 1: Withings ..., Withings BPM Co..., Woodbur..., Publ..., Content, UTC, cn=Rose..., cn=Rose...

7. Then update the expiry date to two years from today. Set the **Change to** date to two years from now and click **Update**.

The 'Update items' dialog box contains the following information:

- Warning: Updates will only be applied to content items, site areas, authoring templates, components, categories, and items with edit access. Only items with a workflow will be included.
- Select action to apply to all items matching the set criteria.
- Property: Expiry date
- Change to: 12/31/2025 (highlighted)
- Buttons: Cancel, Clear, **Update** (highlighted)

8. Click **Update** on the confirmation screen.

The 'Confirm update' dialog box displays the following details:

- The following updates will be applied to 1 item from set criteria.
- Update expiry date to 12/31/2025
- Do you want to proceed with update?
- Buttons: Cancel, **Update** (highlighted)

9. A progress bar is displayed at the bottom of the screen.

The progress bar shows a circular indicator and the text: Updating 0 of 1 item

10. Then you see it is updated successfully. Have a look at the item to verify. Click **View item**.

**Reporting** 1 results found **Updates** [Update](#) [Export](#)

---

**Search Criteria** Expiry date: From 12/22/2023, To 12/31/2024; [View Criteria](#)

Title ↑	Name	Loc...	Status	Type	Expi...	Las...	Own...	A...
 W...	Withings...	Wo...	 P	Conte		UTC	cn...	cn...

Show rows: 50 ▾ 1-1 of 1

✓ 1 item updated successfully
View item
✕

11. And click the edit icon.

**1 item updated (0 failed)** ✕

Update expiry date to  
Requested by: Albert Dora

Title ↑		Item type	Update status	Created by
 Withings BPM Conne		Content	OK	Rose Bozli

Show rows: 25 ▾ 1-1 of 1 |< < Page: 1 of 1 > >|

12. This shows you that the expiry date has successfully been updated to two years from now. You may also confirm the changes by re-running the search in the Content Reporting.

Libraries > Woodburn Healthcare Content > Content > woodburnhealthcare > healthresources > products > Withings BPM Connect Blood Monitor

 **Withings BPM Connect Blood Monitor** 

Status - Published | Last modified Today 11:55:44 AM GMT by [Albert Dora](#) | Created by [Rose Bozli](#)

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Content | **Properties** | Comments (2)

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**Type:**  
Content

**Location:**  
Woodburn Healthcare Content / woodburnhealthcare / healthresources / products / Withings BPM Connect Blood Monitor

**Authors:** [Add Authors](#)  
[Rose Bozli](#) x

**Owners:** [Add Owners](#)  
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 **Content Properties**

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 **Workflow**

**Document Status:**  
Published

**\*Current Workflow:** [Select Workflow](#)  
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**Current Workflow Stage:**  
[Spotlight / Publish](#)

**Next Workflow Stage:**  
[Spotlight / Expire](#)

**Joint approval**  
None

**Publish Date:**  
12/22/2023 | 09:09:27 AM | Clear

**Expiry Date:**  
12/31/2025 | 12:00:00 AM | Clear

Congratulations! You were able to easily check and update the expiration date to two years from today by using Content Reporting.

## Conclusion

Using this lab tutorial, you learned how easy it is to create content and submit it for review. You then saw how approvers can quickly find the content they need to review, review it and approve or reject the content. You learned how you may start preparing updates with new drafts that are submitted and approved as well, while the current content stays published. And you learned how site managers may easily search and updated contents using the Content Reporting.

## Resources

Refer to the following resources to learn more:

HCL Digital Experience Home - <https://hclsw.co/dx>

HCL Digital Experience on HCL SoFy - <https://hclsofy.com/>

HCL Software - <https://hclsw.co/software>

HCL Product Support - <https://hclsw.co/product-support>

HCL DX Product Documentation - <https://hclsw.co/dx-product-documentation>

HCL DX Support Q&A Forum - <https://hclsw.co/dx-support-forum>

HCL DX Video Playlist on YouTube - <https://hclsw.co/dx-video-playlist>

HCL DX Product Ideas - <https://hclsw.co/dx-ideas>

HCL DX Product Demos - <https://hclsw.co/dx-product-demo>

HCL DX Did You Know? Videos - <https://hclsw.co/dx-dyk-videos>

HCL DX GitHub - <https://hclsw.co/dx-github>

HCL DX Web Developer Toolkit - <https://github.com/HCL-TECH-SOFTWARE/WebDevToolkitForDx>

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