Build New Sites with Liferay DXP

Exercises Script

# Exercise 1: Slides

Slide 15:

In this exercise, we’ll add Pages to our Platform in Liferay DXP 7.4.

Slide 16:

Our Objectives for this exercise are as follows. We will:

Create the Mondego Group Site

Create a Master Page Template to use across the main Mondego Site

Create a Content Page Template for Informational Pages

Use the Account Content Page Template to create a page for Personal Banking Accounts

Create a Widget Page Template for a Landing Page

And Use the Template to create a Landing Page for Mondego's Sites

Slide 17:

Our Exercise steps are as follows. We will:

Create the Mondego Group Main Site

Create a Master Page Template

Create a Content Page Template Using the New Master

Create a Page with the Accounts Page Template

Slide 18:

Additionally, we will:

Create a Global Landing Page Template

Configure the Widget Page Template

Create a Page with the Landing Page Template

Update the Master Page Template for the Landing Page

Slide 19:

There are also a few Bonus Exercises.

Add another Content Page Template called Credit Cards to the Mondego Group Site. Pick two Fragments and one Widget to use on the page. Create at least one new page on the Mondego Group Site using the new template. View the new page in the Navigation Menu.

Create another Widget Page Template on the Global Site to use for Financial Advice. Use a Web Content Display widget, a Blogs widget, and a Message Boards widget. Choose whichever layout you prefer.

We won’t cover these in this video, but feel free to complete them on your own when you’ve completed the main exercise steps.

# Exercise 1: Content

Part 1:

Before we start, make sure you have your Liferay instance setup with basic configuration. If you have not set it up yet, take a moment to pause the video and do so. You can reference the “Liferay Foundations: Introduction to Liferay DXP” course for more information on starting your instance.

First, we’ll create our Mondego Group Main Site. Sign in to Liferay as an Administrator. This should be [test@mondego.com](mailto:test@mondego.com) if you used the basic configuration provided in the introduction.

Open the *Global Menu* at the top right.

Click the *Control Panel* tab.

Choose *Sites* under the Sites section.

Click the *Add* button at the top right, and select *Blank Site* as the Site Template.

Type “Mondego Group” as the *Name*, and then click *Save*. This will take you to the *Site Settings* page.

Part 2:

Next, we’ll create a Master Page Template to use on our new Site.

Open the *Site Menu* at the top left and go to Design > Page Templates.

Click the *Add* button at the top right.

Type “Header and Footer” as the *Name* and click the *Save* button.

Go to the *Fragments and Widgets* section. You can use the Plus sign on the right side to open *Fragments and Widgets* if it does not automatically open.

We’ll go to Navigation Bars under the Fragments section.

Find the *Header Dark* and drop it at the top of the page above the *Drop Zone*.

Go to the Footers section and drop a *Footer Nav Dark* at the bottom of the page below the *Drop Zone*.

Click the *Footer Nav Dark* on the page to open the *Browser*. You can also open the Browser by clicking the arrow icon below the plus icon in the sidebar.

Click the *02-copy* element to find the textbox on the page.

Double Click the text box to edit it, and type “2021 Mondego Group” as the new copyright.

Click the Publish Master button at the top right of the page.

For now, we won’t worry too much about refining the appearance of the Header and Footer Master Page since we will explore Master Pages in greater detail in another module.

Part 3:

Next, we’ll create a Content Page Template using the new Master.

Click the *Page Templates* tab at the top beside *Masters*.

Click the *New* button to create a new Collection.

Type “Informational Pages” as the *Name* of the new Collection and click *Save*.

Click the *Add* button at the right to add a Page Template to the Collection.

Choose *Content Page Template* and select *Header and Footer* as the Master Page.

Type “Accounts” as the *Name* of this Page Template and click *Save*.

Part 4:

We’ll now add Fragments to the Page Template.

Click the *Fragments and Widgets* icon, the plus sign, on the right side to open the menu if it does not automatically open.

Go to the Fragments tab and scroll down to Featured Content.

Drop a *Banner Center* onto the page.

Then we’ll find the Content Display section and drop a *Content Display* onto the page below the *Banner Center*.

We’ll now go to the Widgets tab and find the Collaboration section. Drop a *Form* widget onto the page below the *Content Display*.

Once that’s done, click the *Publish* button at the top right of the page.

Part 5:

Once we have our new Page Template, we can start creating Pages with it.

Open the *Site Menu* and go to Site Builder > Pages.

Click the *Add* button at the top right.

Choose *Public Page*.

On the Select Template page, you should see three available Collections: Informational Pages (which we just created), Basic Templates, and Global Templates. We’re automatically taken to the Information Pages Collection, so we can select the *Accounts* Content Page Template.

Type “Personal Banking” as the *Name* and click the *Add* button.

You can see the Fragments we added to the Account Page Template as well as the Header and Footer established in the Master Page Template.

Part 6:

In addition to Content Page Templates, we can also create Widget Page Templates. We’ll create a Landing Page Template using Widget Pages.

Open the *Site Menu*.

Click the *Site Selector* icon, or the compass, beside the current Site, Mondego Group. The *Site Selector* allows you to choose which Site you want to access in your Liferay platform. Once selected, you will be able to access and edit the Site with the *Site Administration* panel.

We see two tabs here, *Recent* and *My Sites*. Choose the *Global* Site.

In the *Site Administration* panel, go to Design > Page Templates. You'll see the default global Page Templates here already: Search, Wiki, and Blog.

Click the *Add* icon in the top right corner.

Type “Mondego Landing Page” as the *Name* and “A landing page for the various Mondego sites.” as the *Description*.

Click the *Save* button.

Part 7:

Now, we’ll configure our Widget Page Template.

Click on the new *Mondego Landing Page* template to view and edit the new template page.

Click the *Configure Page* icon, which is this gear, at the top right.

Go to the General tab and choose *2-2 Columns* from the grid of options.

Then click *Save* and the *Back* icon.

Part 8:

Next, we’ll add language and content widgets to the template.

Click the *Add* icon at the top right corner of the page.

Open the Widgets section and scroll down to *Tools*.

Drop a *Sign In* widget into the first column. Add a *Language Selector* from the Tools section to the right column.

Go to the Highlighted section, and add a *Web Content Display* to the first column below the *Sign In*.

Add an *Asset Publisher* from the Highlighted section and place it in the right column beside the *Web Content Display*.

Click the *Back* icon.

If your browser opened a new tab when you clicked on the *Mondego Landing Page* template, close the tab to get back to the *Pages* section of the *Global* Site.

Part 9:

Now that we have finished, we’ll create a new page with the Mondego Landing Page Template.

Open the *Menu* and click on the *Site Selector* in the *Site Administration* panel.

Choose the *Mondego Group* Site.

Go to Site Builder > Pages in the *Site Administration* panel.

Click the *Add* button next to *Public Pages* and choose *Add Page*.

Go to the *Global Templates* tab. You should see the three default Page Templates plus the one we just added.

Choose the *Mondego Landing Page*, type “Home” for the *Name*, and click *Add*. When the configuration page loads, note that the *Inherit Changes* slider is set to *YES*. We want to keep this for now so that any changes we make to this Page Template in the future change this Page, too.

Scroll down and click the *Save* button.

Click the *Home* icon in the *Site Administration* panel and then *Home* in the navigation menu to view our new landing page.

Part 10:

You’ll notice that our landing page does not use the Master Page Template we created earlier, so we’ll update that now.

Click the *Configure Page*, or gear, icon, and click the *Look and Feel* tab.

Select *Change Master* under the *Master* section.

Choose *Header and Footer* as the new Master.

Click the *Done* button. Scroll down and click the *Save* button.

Click the *Back* icon.

The *Home* page should now have the same header and footer as the *Personal Banking* page.

*(End Video 1)*

# Exercise 2: Slides

Slide 27:

In this exercise, we’ll add Sites to our platform.

Slide 28:

Our Objectives for this exercise are to:

Create a Site Template for Mondego Regional Office locations

And use the template to create Sites for some of Mondego's regional banks

Slide 29:

The Steps we will take to accomplish this are:

Create a Site Template for Mondego Regional Offices

Add a Personal Banking page to the Site Template

Add child pages for Checking Accounts, Savings Accounts, and Mobile Banking

Finish creating the page structure for the Site Template

Create a new Site using the new Site Template

Create two more Regional Bank Office Sites with the Site Template

Slide 30:

We also have several Bonus Exercises:

Create a Site Template for Mondego’s Business Banking sites. It should have at least three pages that include at least one fragment on them.

Add Mondego Regional Office Sites for Mondego locations in Chile and Germany. Make sure they are created as Child Sites of the main Mondego Site.

Add a custom Content Page to one of the new Mondego Regional Office Sites created from the Site Template. Navigate to the new Site and look at the Pages you added within the Site itself.

We won’t cover these in this video, but feel free to complete them on your own when you’ve completed the main exercise steps.

# Exercise 2: Content

Part 1:

Our first step is to create a Site Template for Mondego Regional Offices.

Open the *Global Menu* and go to Control Panel > Sites > Site Templates in the *Menu*.

Click the *Add* icon near the top right.

Type ”Regional Bank Office Site” as the *Name* and “A site template for Mondego's regional bank offices.” as the *Description*. Click *Save*.

Click the *Regional Bank Office Site*. This will open up our Site Template in a new tab.

Go to Site Builder > Pages in the *Site Administration* panel. You can see that we have one Public Page, *Home*.

Click the *Options* icon next to the default *Home* Page and choose *Delete*.

Click *OK* in the pop-up asking if you are sure you want to delete this.

Click the *New* button in the center of the page to add a new Page and choose *Private Page*.

Click the *Global Templates* tab and choose the *Mondego Landing Page*.

Type “Home” as the *Name* and click *Add*. When the configuration page loads, make sure the *Inherit Changes* slider is set to YES. Then, scroll to the bottom of the page and click the *Save* button. Click the *Back* icon.

Part 2:

Next, we’ll add a Personal Banking Page to the Site Template

Click the *Add* icon near the top right. Choose *Add Child Page of Home* in the drop-down.

Choose *Add Site Template Page*, and choose *Blank* from the *Basic Templates* to add a new Content Page.

Type “Personal” as the *Name*, and click *Add*. For now, we will leave the Content Page blank.

Click the *Publish* button at the top right.

Part 3:

We’ll now add some Child Pages for Checking, Savings, and Mobile Banking.

To the right of the “Personal” page we just created, there is a plus icon. Click that and choose *Add Page*.

Choose the *Blank* Content Page and type “Checking” as the *Name*.

Click *Add* then click the *Publish* button at the top right. Again, we won’t worry about adding anything to these pages right now.

We’ll do the same thing to add the Savings and Mobile Banking Pages. Click the *Add* icon to the right of the *Personal* Page. Choose *Add Page*, select *Blank,* and type “Savings” as the *Name*.

Click *Add* and click the *Publish* button at the top right.

Click the *Add* icon to the right of the *Personal* Page. Choose *Add Page*, choose the *Blank* Page, and type “Online and Mobile Banking” as the *Name*.

Click *Add* and click the *Publish* button at the top right. To view the newly created Child Pages, click the Arrow icon to the right of the Personal Page.

Part 4:

Now we’ll finish creating the Page Structure for the Site Template.

Click the *Add* icon at the top right and choose *Add Site Template Page*.

Choose *Blank* Content Page. Type “Business” as the *Name* and click *Add*.

Click the *Publish* button at the top right of the page.

Repeat these steps. Click the *Add* icon at the top right. Choose *Add Site Template Page*.

Choose *Blank* Content Page. Type “The Mondego Story” as the *Name*.

Click *Add* and click the *Publish* button at the top right of the page.

And for our last page, we again click the *Add* icon at the top right. Choose *Site Template Page* and Choose *Widget Page*. Type “Contact Us” as the *Name*.

Click *Add* and click the *Save* button at the bottom of the page.

Click the *Back* icon.

Part 5:

Now that we’ve finished adding pages to our Site Template, we can use it to create new Sites.

Go to Control Panel > Sites > Sites in the *Global Menu*. Click the *Options* icon next to *Mondego Group*.

Choose *Add Child Site* and select *Regional Bank Office Site* as the Site Template.

Type “Mondego North America” as the *Name*. Leave the checkbox unchecked.

Click the *Save* button at the bottom.

Click on Site Builder > Pages in the *Site Administration* panel of our new *Mondego North America* Site. You'll see that the Pages we created in the template have been generated for this Site.

Part 6:

We’ll now create two more Regional Bank Office Sites using the Site Template

Open the *Global Menu* and go to Control Panel > Sites > Sites. Click the *Options* icon next to *Mondego Group.*

Choose *Add Child Site* and click *Regional Bank Office Site* for the Site template.

Type “Mondego UK” as the *Name.* Click the *Save* button.

Open the Global menu again and go back to Control Panel > Sites > Sites.

Click the *Options* icon next to *Mondego Group* and choose *Add Child Site*. Click *Regional Bank Office Site* for the Site template.

Type “Mondego Japan” as the *Name.* Click the *Save* button.

To view the Child Sites we just created, we’ll open the Global menu again, go to Control Panel > Sites > Sites, and Click the *Mondego Group* Site to see them.

# Exercise 3: Slides

Slide 42:

In this exercise, we’ll Manage Site Configuration and other Site settings.

Slide 43:

Our Objectives for this Exercise are as follows:

Create a Private Site on the Mondego platform called Mondego Matters to serve as an employee intranet

Create a Restricted Site for Mondego Publications

Manage Site membership and configuration in the new Sites

Add Private and Public Pages to the Mondego Publications Site

Slide 44:

Our Steps for this exercise are:

Add the Mondego Matters employee intranet

Add the Mondego Publications site

Add a Public Blog Page to the Mondego Publications Site

Add Private Pages on the Mondego Publications Site

Slide 45:

We also have a Bonus Exercise.

Add pages to the Mondego Matters site. Use two Private Pages and two Public Pages. Sign out of the Administrator account and view the Site as a guest.

We won’t cover this exercise in the video, but feel free to complete it on your own.

# Exercise 3: Content

Part 1:

To begin, we’ll create a new *Mondego Matters* employee intranet.

In the *Global Menu*, go to Control Panel > Sites > Sites.

Click the *Add* icon and choose *Blank Site*.

Type “Mondego Matters” as the Name and click *Save*.

Open *Site Configuration* under Site Settings > Platform.

Type “Mondego's main employee intranet site.” as the *Description*.

Open the *Membership Type* drop-down under the *Membership Options* heading and choose *Private*.

Click the *Save* button at the bottom of the page.

Part 2:

Next, we’ll add the Mondego Publications Site

In the *Global Menu*, go to Control Panel > Sites > Sites.

Click the *Add* icon and choose *Blank Site.*

Type “Mondego Publications” as the Name and click *Save*.

Open *Site Configuration* under Site Settings > Platform.

Type “Mondego's blog, video, and financial advice site.” as the *Description*.

Click *Change* by the *Parent Site* heading and select *Mondego Group* as the Parent Site. Enable “Limit membership to members of the parent site.”

Next, open the *Membership Type* drop-down under the *Membership Options* heading and choose *Restricted*.

Click the *Save* button at the bottom of the page.

Part 3:

Now we’ll add a Public Blog Page to the Mondego Publications Site

Open the *Site Menu* and go to Site Builder > Pages.

Click the *New* button in the middle of the page and choose *Public Page*.

Add a *Blank* Content Page, type “Blog” as the *Name,* and click *Add.*

Open the *Fragments and Widgets* menu using the plus sign.

Go to Fragments > Featured Content and drop a *Highlights Center* fragment onto the page.

Go to Widgets > Collaboration and drop a *Blogs* Widget onto the page.

Click the *Publish* button at the top right of the page.

Part 4:

We’ll also add some Privates Pages to the Mondego Publications Site

Click the *Pages* link at the top left to go back to the main Pages view. You can also do this by going to Site Builder > Pages in the *Site Administration* panel.

Click the *Add* button at the top right and choose *Private Page*.

Add a *Blank* Content Page, type “Expert Advice” as the *Name*, and click *Add*.

We won’t bother adding anything to this page, so simply click *Publish* at the top right.

Add another Private Page by clicking the *Add* icon next to *Private Pages*.

Choose *Add Page* and add a *Blank* Content Page.

Type “Mondego Happenings” as the *Name*, click *Add*, and click *Publish* at the top right.

You can see we now have two Private Pages on our Site.