Module 2: Branding the Platform with Themes

Learning Objectives

In this module, you'll learn how to control the branding of the platform by creating and customizing theme modules.

Tasks to Accomplish

- Use the NPM Theme generator to generate a custom theme
- Customize the HTML, CSS, and JS source files
- Create custom platform settings in the theme
- Create Stylebooks to modify content pages on top of the Theme

Exercise Prerequisites

- Java JDK installed to run Liferay
- Download here: https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html
- Instructions on installation here: https://www.java.com/en/download/help/download_options.xml
- Liferay Tomcat bundle installed in the following folder:
- o Windows: C:\liferay\bundles
 - o Start Liferay by double-clicking the startup.bat file.
 - o Unix Systems: [user-home]/liferay/bundles
 - o Start Liferay by using catalina.sh run in the Terminal.
- Unzipped module exercise files in the following folder structure:
- o Windows: C:\liferay
- o Unix Systems: [user-home]/liferay
- NPM, Yeoman, and the Liferay Theme Generator installed
- Download Node here: https://nodejs.org/en/
- Some older Node versions may not work with the Liferay theme generator on DXP
 7.4
- o Run npm install -g yo
- O Run npm install -g generator-liferay-theme
- Note: OSX and Linux Users may need to redirect the NPM global command. See module 1 exercise instructions for more details.

• Liferay DXP or CE 7.4 instance already setup

Platform Name: Livingstone Hotels & Resorts

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Create the Livingstone Fjord Theme

Exercise Goals

- Install Visual Studio Code and add code snippets
- Use the NPM Theme Generator to create a new theme
- Set up some initial theme variables
- Modify the HTML source file and add Footer code
- Deploy the Initial Base theme

Install Visual Studio Code

- 1. **Go to** https://code.visualstudio.com/.
- 2. Click to download the VS Code for your OS.
- 3. **Double-click** to run the installer for your operating system.
- 4. Click through the installation steps.

Create a Global Snippets File in Visual Studio Code

- 1. Open Visual Studio Code.
- 2. Go to the User Snippets menu.
 - Windows: File > Preferences > User Snippets
 - OSX: Gear Icon > User Snippets
- 3. Click on New Global Snippets file... in the drop-down menu.
- 4. Type Ifr-front-end for the name.
 - The full file name will be Ifr-front-end.code-snippets.
- 5. Click Save.

Add the Snippet Content

- 1. Open the lfr-front-end-snippets.json in your module exercises folder.
- 2. Copy the contents of the file.
- Paste the contents of the file in the lfr-front-end.code-snippets file just created in Visual Studio Code.
 - Make sure to replace all the existing content in the file.
- 4. Save the file.

Start the Liferay-Tomcat Bundle

- 1. **Go to** the Tomcat server's bin directory:
 - Windows: *C:\liferay\bundles\liferay-dxp-[version]\tomcat-[version]\bin* in the file manager
 - Mac/Linux: [userhome]/liferay/bundles/liferay-dxp-[version]/tomcat-[version]/bin using the Terminal
- 2. Start the Tomcat Server:
 - Windows: Double-click on the startup.bat.
 - Mac/Linux: Run ./catalina.sh run in your Terminal.

Generate the Base Theme

- 1. Go to the *liferay* folder you already created in the *Command Line/Terminal*.
 - Windows: C: Viferay
 - Mac/Linux: ~/liferay
- 2. Run the yo liferay-theme command.
 - This command will create the base theme files and install the necessary dependencies for deployment.
- 3. **Type** Livingstone Fjord Theme to name your theme.
- 4. Press Enter.
- 5. Press Enter to accept the default themeld.
 - This is how Liferay refers to your theme internally.
- 6. Choose 7.4 for the version.
- 7. Press Enter.
- 8. Type N when asked to use Font Awesome in the theme.
 - Font Awesome is no longer included by default and using it may cause errors.
- 9. Press Enter.
- 10. Choose Local App Server when asked to select your deployment strategy.
- 11. **Type** the directory:
 - Windows: C:\liferay\bundles\liferay-dxp-[version]\tomcat-[version]
 - Mac/Unix: /Users/[username]/liferay/bundles/liferay-dxp-[version]/tomcat-[version]
- 12. Press Enter.
- 13. Press Enter again to use http://localhost:8080 for the URL.

Note: If the Theme Generator returns an error, make sure you are using Node.js 16.13.2 or another compatible version. Additionally, some setups run into issues running scripts with npm. If this is the case, try creating an .npmrc file in the root of your project and add the igno re-scripts=false configuration.

Deploy the Base Theme to Our Liferay Instance

- 1. Go to Livingstone Fjord Theme using cd livingstone-fjord-theme in the Command Line.
 - This is assuming you are still running *Command Prompt/Terminal* from C:\liferay.
- 2. Run the npm run deploy command.
 - This makes the base theme available in our Liferay instance.
- 3. Open your browser.
- 4. Go to localhost:8080 if you're not already there.
- 5. Sign in to the Livingstone Hotels & Resorts platform.
- 6. Open the Site Administration Panel.
- 7. **Go to** Site Builder > Pages in **Site Administration** for the **Livingstone Hotels & Resorts**Site.
- 8. Open the Configuration menu next to Public Pages.
 - This is the gear icon.
- 9. Click the Change Current Theme button near the bottom.
- 10. Choose Livingstone Fjord Theme.
- 11. Click the Save button at the bottom.
- 12. Click Home in Site Administration to see your theme.

Add the Directory Structure to the SRC Folder

- 1. **Go to** the *livingstone-fjord-theme*\src folder.
 - Windows: C:\liferay\livingstone-fjord-theme\src
 - Mac/Linux: ~/liferay/livingstone-fjord-theme\src
- 2. Create the following folders:
 - js
 - templates

Note: We will be using npm run deploy throughout the course. If you decide to use gulp watch, you will not need to run npm run deploy.

Set Variables to Start

- Copy the liferay-look-and-feel.xml file from the WEB-INF folder in your exercise-src folder.
- 2. Paste the file into the <code>livingstone-fjord-theme|src|WEB-INF</code> folder.
 - You will need to replace the original file.

```
<?xml version="1.0"?>
<!DOCTYPE look-and-feel PUBLIC "-/Liferay//DTD Look and Feel 7.4.0//EN" "http://www.life</pre>
<look-and-feel>
        <compatibility>
                 <version>7.4.0+
        </compatibility>
        <theme id="livingstone-fjord-theme" name="Livingstone Fjord Theme">
                 <template-extension>ftl</template-extension>
                 <settings>
                         <setting configurable="false" key="color-palette" value="primary,</pre>
                         <setting configurable="true" key="show-footer" type="checkbox" va</pre>
                         <setting configurable="true" key="show-header" type="checkbox" value"</pre>
                         <setting configurable="true" key="show-main-navigation-in-full-sc</pre>
                         <setting configurable="false" key="show-site-name-default" value:</pre>
                         <setting configurable="false" key="show-site-name-supported" valu</pre>
                         <setting configurable="true" key="use-a-retina-logo" type="checkl")</pre>
                         <!-- Insert snippet 02-theme-settings here -->
                 </settings>
                 <!-- Insert snippet 01-portlet-decorators here -->
        </theme>
</look-and-feel>
```

Modify Theme Templates

- 1. Copy the files in the exercise-src/templates folder.
- 2. **Paste** the contents into the <code>livingstone-fjord-theme|src|templates</code> folder.
- 3. **Open** the *Visual Studio Code* editor.
- 4. **Drop** the portal_normal.ftl file from the <code>livingstone-fjord-theme|src|templates</code> file into the <code>Visual Studio Code</code> editor.

Modify the Header

- 1. Click to highlight the <#-- Insert snippet 01-portal-normal-header here --> comment.
- 2. **Type** 1fr to view the available code snippets.
- 3. Choose the ftl: 01-portal-normal-header snippet.
 - Alternatively, you can just type in the following:

Add the Content Section

- 1. Click to highlight the <#-- Insert snippet 02-portal-normal-main here --> comment.
- 2. **Type** 1fr to view the available code snippets.
- 3. Choose the ftl: 02-portal-normal-main snippet.

Keep the Footer Code Distinct

- 1. Click to highlight the <#-- Type footer.ftl include here --> comment.
- 2. **Type** in the following to include the footer.ftl file and then *Save* the file:

Add Code to the Footer FTL File

- 1. **Drop** the footer.ftl file from <code>livingstone-fjord-theme\src\templates</code> into the <code>Visual</code> <code>Studio Code</code> editor.
- 2. Click to highlight the <#-- Insert 03-footer-ftl here --> comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 03-footer-ftl snippet.
- 5. Save the file.

Add a Sign-In Link to the Footer

- 1. **Drop** the footer_navigation.ftl file from *livingstone-fjord-theme\src\templates* into the *Visual Studio Code* editor.
- 2. Click to highlight the <#-- Insert snippet 04-footer-nav-sign-in here --> comment.
- 3. Type 1fr to view the available code snippets.
- 4. Choose the 04-footer-nav-sign-in snippet.
 - Alternatively, you can type the following:

Add the Footer Navigation

- 1. Click to highlight the <#-- Insert snippet 05-footer-nav-menu here --> comment.
- 2. **Type** 1fr to view the available code snippets.
- 3. Choose the 05-footer-nav-menu snippet.
- 4. Save the file.
 - Alternatively, you can type and save the following:

Deploy the Theme to See the HTML Changes

- 1. Run npm run deploy in the Command Line or Terminal.
- 2. **Open** your browser.
 - You should already be at localhost:8080 and logged into your Liferay instance.
- 3. **Click** to *Refresh* the page after the changes to your theme have finished deploying.

Modify the Styling of the Themes

Exercise Goals

- Customize and modify variables
- Modify Clay Base variables
- Add custom theme variables to the theme
- Modify components and global styles
- Modify Clay Base partials
- Add custom CSS and import it into the source file
- Add custom images

Add the SCSS File Structure to the Theme Source

- 1. Copy the contents of the *exercise-src* | css folder.
- 2. Paste the files into your livingstone-fjord-theme\src\css folder.

Modify Clay Variables to Fit Branding

- 1. **Drop**_clay_variables.scss from livingstone-fjord-theme\src\css into the Visual Studio Code editor.
- 2. Click to highlight the // Insert snippet 01-custom-clay-variables here comment.
- 3. Type 1fr to view the available code snippets.
- 4. Choose the 01-custom-clay-variables snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
$body-bg: white;
$bright-color: #1865FB;
$complementary-color: #869CAD;
$dark-color: #242529;
$light-color: #E7E7ED;
$solid-color: #47647A;
$portlet-decorate-bg: #FFF;
$portlet-decorate-border: 1px solid $light-color;
```

Add Color Variables for the Theme

- 1. **Drop** _colors.scss from *livingstone-fjord-theme*|*src*|*css*|*partials*|*variables* into the *V* isual Studio Code editor.
- 2. Click to highlight the // Insert snippet 02-colors-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 02-colors-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
$fjord-primary: #5657A1;
$fjord-info: #7BC6DC;
$fjord-secondary: #BDCADB;
$fjord-success: #57D192;
```

Import the Variable Partial Files

- 1. **Drop** _variables.scss from *livingstone-fjord-theme* | *src* | *css* | *partials* into the *Visual Studio Code* editor.
- 2. Click to highlight the // Insert snippet 03-variables-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 03-variables-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
@import "variables/colors";
```

Customize the Portlet Variables

- 1. **Drop** _variables_custom.scss from *livingstone-fjord-theme\src\css\portlet* into the *Vi* sual Studio Code editor.
- Click to highlight the // Insert snippet 04-portlet-variables-custom-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 04-portlet-variables-custom-scss Snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
$portlet-header-margin-bottom: map-get($spacers, 5);

$portlet-topper-bg: #F1F5FF;

$portlet-topper-border: #D7E5FF;

$portlet-topper-color: map-get($theme-colors, primary);

$portlet-topper-link-color: map-get($theme-colors, primary);

$portlet-topper-link-hover-color: map-get($theme-colors, primary);

$portlet-content-border-radius: 0 0 8px 8px;

$portlet-topper-border-radius: 4px 4px 0 0;
```

Customize the Button Component

- 1. **Drop** the _buttons.scss file found in *livingstone-fjord-theme\src\css\partials* into the *Visual Studio Code* editor.
- 2. Click to highlight the // Insert snippet 05-buttons-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 05-buttons-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
.fjord-btn-primary {
  @include button-variant($fjord-primary, $fjord-primary);
}
```

Add Custom Styling to the Footer

- 1. **Drop** the _footer.scss file found in *livingstone-fjord-theme\src\css\partials* into the *Vi* sual Studio Code editor.
- 2. Click to highlight the // Insert snippet 06-footer-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the Offooter-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
.footer {
    a {
        color: inherit;
        &:hover,
        &:focus {
            color: white;
        }
    }
}
// Insert snippet 10-social-media-footer-scss here
```

Import Partials to Custom.scss

- 1. **Drop** the _custom.scss file found in *livingstone-fjord-theme\src\css* into the *Visual Studio Code* editor.
- 2. **Press** *Enter* below the /* inject:imports */ note.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 07-custom-scss-imports snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
@import "partials/variables";
@import "partials/backgrounds";
@import "partials/buttons";
@import "partials/footer";
@import "partials/header";
@import "partials/texts";
@import "portlet/portlet_decorator";
```

Add Theme Images

- 1. Copy the contents of the images folder from *exercise-src*.
- 2. **Paste** the contents into <code>livingstone-fjord-theme/src/images</code>.
 - You will need to replace the thumbnail image.

Deploy the Theme to See the Styling Changes

- 1. Run npm run deploy in the Command Line or the Terminal.
 - Make sure you are in the liferay/livingstone-fjord-theme directory
 - If you're already running gulp watch, this isn't needed.
- 2. **Open** your browser.
 - You should already have a tab open at localhost:8080
- 3. Click to Refresh the page after the theme changes have finished deploying.

Note: Now you should be able to see all the styling changes we made to the platform. We changed the theme colors, sizes of various elements, as well as the image for our theme. If you have time, feel free to change some of these things and customize the theme however you'd like.

Add the Livingstone Logo

- 1. Click Site Administration > Site Builder > Pages in the Menu for the Livingstone

 Hotels & Resorts site.
- 2. Click the gear icon next to Public Pages.
- 3. Click to expand the Logo section near the bottom of the page.
- 4. Click Change > Select.
- 5. Choose the livingstone-logo.png file from the exercise folder.
- 6. Click Done.
- 7. Click to set the Show Site Name slider to No.
- 8. Click Save.

Bonus Exercise

1. Change the theme colors and sizes of various elements using the files we created or updated in the exercise above. Be creative and make it look how you'd like it to look.

Add Custom JavaScript to a Theme

Exercise Goals

- Add JavaScript to the theme
- Add DOM variables
- Add the Sign-in Modal
- Add the Click event for closing the nav

Add Main.js to the Theme

- 1. Copy the main. js from the exercise-src|js folder.
- 2. **Paste** it into your livingstone-fjord-theme/src/js folder.

Set DOM Variables and the Sign-In Widget

- 1. **Drop** the main.js from *livingstone-fjord-theme\src\js* into the *Visual Studio Code* editor.
- 2. Click to highlight the // Insert snippet 01-variables-and-sign-in here comment.
- 3. **Type lfr** to view the available code snippets.
- 4. Choose the 01-variables-and-sign-in snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
var BODY = A.getBody();
var signIn = A.one('#sign-in');

if (signIn && signIn.getData('redirect') !== 'true') {
    signIn.plug(Liferay.SignInModal);
}

var fullScreenToggleIcon = A.one('.full-screen-navigation #banner .navbar-toggler');
```

Add the Click Event for Closing the Navigation

- 1. Click to highlight the // Insert snippet 02-close-nav-click here comment.
- 2. Type lfr to view the available code snippets.
- 3. Choose the 02-close-nav-click snippet.
- 4. Save the file.
 - Alternatively, you can type and save the following:

```
if (fullScreenToggleIcon) {
   fullScreenToggleIcon.on(
    'click',
    function(event) {
      BODY.toggleClass('main-nav-opened', event.currentTarget.hasClass('collapsed'));
   }
  );
}
```

Deploy the Theme to See the JavaScript Changes

- 1. Run npm run deploy in the Command Line or Terminal.
 - If you're already running gulp watch, this isn't needed.
- 2. Open your browser.
 - You should already have a tab open at localhost:8080
- 3. **Click** to *Refresh* the page after the theme changes have finished deploying.

Configure the Theme to Provide Administrative Options

Exercise Goals

- Add Portlet Decorators to the theme
- Add the Configuration files
- Add styling for the Portlet Decorators
- Add Custom Theme Settings
- Add Theme Settings
- Create Theme Setting Variables
- Add FreeMarker Files and Styling for Theme Settings

Add WEB-INF Files to the Theme

- 1. Copy the remaining contents from the *exercise-src/WEB-INF* folder.
 - The liferay-look-and-feel.xml file was added in Exercise 1: Create the Livingstone Fjord Theme.
- 2. Paste the files into the livingstone-fjord-theme/src/WEB-INF folder.
 - You'll need to replace the existing liferay-plugin-package.properties.

Add Portlet Decorators

- Drop the liferay-look-and-feel.xml file from livingstone-fjord-theme/src/WEB-INF into the Visual Studio Code editor.
- 2. Click to highlight the <!-- Insert snippet 01-portlet-decorators here --> comment.
- 3. Type 1fr to view the available code snippets.
- 4. Choose the 01-portlet-decorators snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

Add Sass Styling for the Portlet Decorator

- 1. **Drop** the _portlet_decorator.scss from *livingstone-fjord-theme\src\css\portlet* into the *Visual Studio Code* editor.
- 2. Click to highlight the // Insert snippet 09-portlet-decorator-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 09-portlet-decorator-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
.portlet-decorate {
    .portlet {
        margin-bottom: 0;
    }
    .portlet-content {
        border-width: 0;
        padding: 0;
    }
}
.portlet-solid .portlet-content {
    background: #FFF;
    border: 1px solid #DEEEEE;
}
.portlet-barebone .portlet-content {
    padding: 0;
}
```

Add Custom Theme Settings to the Theme XML File

- 1. **Drop** the liferay-look-and-feel.xml from *livingstone-fjord-theme\src\web-inf* into the *Visual Studio Code* editor.
- 2. Click to highlight the <!-- Insert snippet 02-theme-settings here --> comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 02-theme-settings snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
<setting configurable="true" key="facebook-icon" type="checkbox" value="true" />
<setting configurable="true" key="facebook-icon-link-url" value="http://www.facebook.com'
<setting configurable="true" key="twitter-icon" type="checkbox" value="true" />
<setting configurable="true" key="twitter-icon-link-url" value="http://www.twitter.com" /</pre>
```

Add Custom Variables in the Init_Custom File

- 1. **Drop** the init_custom.ftl from *livingstone-fjord-theme\src\templates* into the *Visual Studio Code* editor.
- 2. Click to highlight the <#-- Insert snippet 06-init-custom-settings here --> comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the O6-init-custom-settings snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
facebook_icon = getterUtil.getBoolean(themeDisplay.getThemeSetting("facebook-icon"))
facebook_icon_link_url = themeDisplay.getThemeSetting("facebook-icon-link-url")
twitter_icon = getterUtil.getBoolean(themeDisplay.getThemeSetting("twitter-icon"))
twitter_icon_link_url = themeDisplay.getThemeSetting("twitter-icon-link-url")
```

Add Social Media Icons to the Theme Footer

- 1. **Drop** the footer.ftl from *livingstone-fjord-theme\src\templates* into the *Visual Studio Code* editor.
- 2. Click to highlight the <#-- Insert snippet 07-social-portal-normal here --> comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 07-social-portal-normal snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

Add the Code to the Social Media FreeMarker File

- 1. **Drop** the social_media.ftl from *livingstone-fjord-theme\src\templates* into the *Visual Studio Code* editor.
- 2. Click to highlight the <#-- Insert snippet 08-social-media-footer here --> comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the O8-social-media-footer snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
<#if facebook_icon || twitter_icon>
                 <#if facebook_icon>
                                                 <a class="bg-white bg-white-10 d-block fjord-social fjord-text-primary</pre>
                                                                 rounded-circle text-center text-decoration-none text-primary" href="${fac
                                                                                   <span class="fa fa-facebook icon-monospaced"></span>
                                                                  </a>
                                                 </#if>
                                 <#if twitter_icon>
                                                 <a class="bg-white bg-white-10 d-block fjord-social fjord-text-info"><a class="bg-white bg-white-10 d-block fjord-social fjord-text-info"><a class="bg-white bg-white-10 d-block fjord-social fjord-text-info"><a class="bg-white-10 d-block fjord-text-info"><a class="bg-white-10 d-block fjord-social fjo
                                                                  rounded-circle text-center text-decoration-none text-info" href="${twitte
                                                                                   <span class="icon-monospaced fa fa-twitter-square"></span>
                                                                  </a>
                                                 </#if>
                 </#if>
```

Add Sass Styling to Social Media Icons

- 1. **Drop** the _footer.scss from *livingstone-fjord-theme\src\css\partial* into the *Visual Studio Code* editor.
- 2. Click to highlight the // Insert snippet 10-social-media-footer-scss here comment.
- 3. **Type** 1fr to view the available code snippets.
- 4. Choose the 10-social-media-footer-scss snippet.
- 5. Save the file.
 - Alternatively, you can type and save the following:

```
.fjord-social {
    @include size(64px);
    line-width: 64px;

    &:hover,
    &:focus {
        color: white !important;
    }
}
```

Deploy the Theme to See the Changes

- 1. Run npm run deploy in the Command Line or Terminal.
 - If you're already running gulp watch, this isn't needed.
 - You may need to reselect the Livingstone Fjord theme, if the default theme is still shown after refreshing the page.
- 2. **Open** your browser.
 - You should already have a tab open at localhost:8080
- 3. Click to Refresh the page after the theme changes have finished deploying.

Adding Style Books

Exercise Goals

Create a style book in the UI

Change the Theme to Classic

- 1. Go to localhost:8080 in your browser.
 - Log in to the portal as an admin if you have been logged out.
- 2. Open the Site Administration Menu.
- 3. Go to Site Builder > Pages.
- 4. Click the gear icon next to Public Pages.
- 5. Click the Change Current Theme button near the bottom of the page.
- 6. Choose the Classic theme.
- 7. Click Save at the bottom of the page.

Create a Style Book

- 1. Go to Design > Style Books in the Site Administration Menu.
- 2. Click the Add button to create a new Style Book.
- 3. Type Livingstone BIG as the Name.
- 4. Click the drop-down at the top where it says color System.
- 5. Choose the Typography category.
- 6. Find the field Heading 1 Font Size.
- 7. Choose the 5rem value.
- 8. Click Publish to complete the Style Book.
- 9. Click OK in the pop-up.

Add a Content Page and Use the Style Book

- 1. Go to Site Builder > Pages in the Site Administration menu.
- 2. Click the Add button to create a new page.
- 3. Choose Public Page from the drop-down.
- 4. Choose Blank as the page type from the Basic Templates.
- 5. Type Style Book as the Name.
- 6. **Drag** and drop the *Heading* fragment onto the canvas.
- 7. Click the Page Design Options (paint roller) icon in the content pages toolbar.
- 8. Choose the Style Book tab.
- 9. **Select** the *Livingstone BIG* Style Book.
 - The heading should change to a much larger font.

Bonus Exercises

 Create a new style book that changes the color-system of the theme based on what you think looks best.

Create Site Branding Module Quiz

1.	Which of the following settings and packages can be configured in your theme? (Choose
	two.)
	A. Theme Settings
	B. Widget Styles
	C. Bundled Color Schemes
	D. Portlet Decorators
2.	Which of the following are the primary source files to customize in a Theme? (Choose three.)
	A. main.scss
	B. portal_normal.ftl
	C. liferay-plugin-package.properties
	D. main.js
	Ecustom.scss
3.	In Liferay DXP 7.3, the Clay base is built on Bootstrap and converts LESS to SASS.
	A. True
	B. False
4.	Which of the following is NOT a configurable setting that can be added to a theme?
	A. Bundling Layout Templates
	B. Portlet Decorators
	C. Theme Settings
	D. Themelets
	E. Color Schemes
5.	Themes can include resources like embedded widgets, web content, and documents.
	A. True
	B. False

Answer Key

- 1. A, D
- 2. B, D, E
- 3. True
- 4. D
- 5. True