

Date: 21-03-25

1. Create News room page component using base page component

Create the News Room Page Component

- Navigate to /apps/myProject/components/
- Create a new folder: newsRoomPage
- Inside newsRoomPage, add a cq:dialog for authoring metadata.

cq:dialog.xml

```
<items jcr:primaryType="nt:unstructured">
  <sectionTitle
    sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
    fieldLabel="Section Title"
    name="./sectionTitle"/>
  <newsList
    sling:resourceType="granite/ui/components/coral/foundation/form/multifield"
    fieldLabel="News List"
    name="./newsList">
    <field
      sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
      fieldLabel="News Title"
      name="./newsTitle"/>
    <field
      sling:resourceType="granite/ui/components/coral/foundation/form/textfield"
      fieldLabel="News Source"
      name="./newsSource"/>
  </newsList>
</items>
```

NewsRoomModel.java

```
package com.myProject.core.models;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ChildResource;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
import java.util.List;
@Model(adaptables = Resource.class)
public class NewsRoomModel {
  @ValueMapValue
  private String sectionTitle;
  @ChildResource(name = "newsList")
  private List<NewsItem> newsList;
```

```

public String getSectionTitle() {
    return sectionTitle;
}
public List<NewsItem> getNewsList() {
    return newsList;
}
public static class NewsItem {
    @ValueMapValue
    private String newsTitle;
    @ValueMapValue
    private String newsSource;
    public String getNewsTitle() {
        return newsTitle;
    }
    public String getNewsSource() {
        return newsSource;
    }
}
}

```

2. **Create custom page property as NEWS configurations where I can author the default news image. Read More CTA for News Article**

NewsConfigModel.java

```

package com.myProject.core.models;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.models.annotations.Model;
import org.apache.sling.models.annotations.injectorspecific.ValueMapValue;
@Model(adaptables = Resource.class)
public class NewsConfigModel {
    @ValueMapValue
    private String defaultNewsImage;
    @ValueMapValue
    private String readMoreCTA;
    public String getDefaultNewsImage() {
        return defaultNewsImage;
    }

    public String getReadMoreCTA() {
        return readMoreCTA;
    }
}

```

3. **Create News room template type by using news room page component. Create News Room Template using news room template type.**

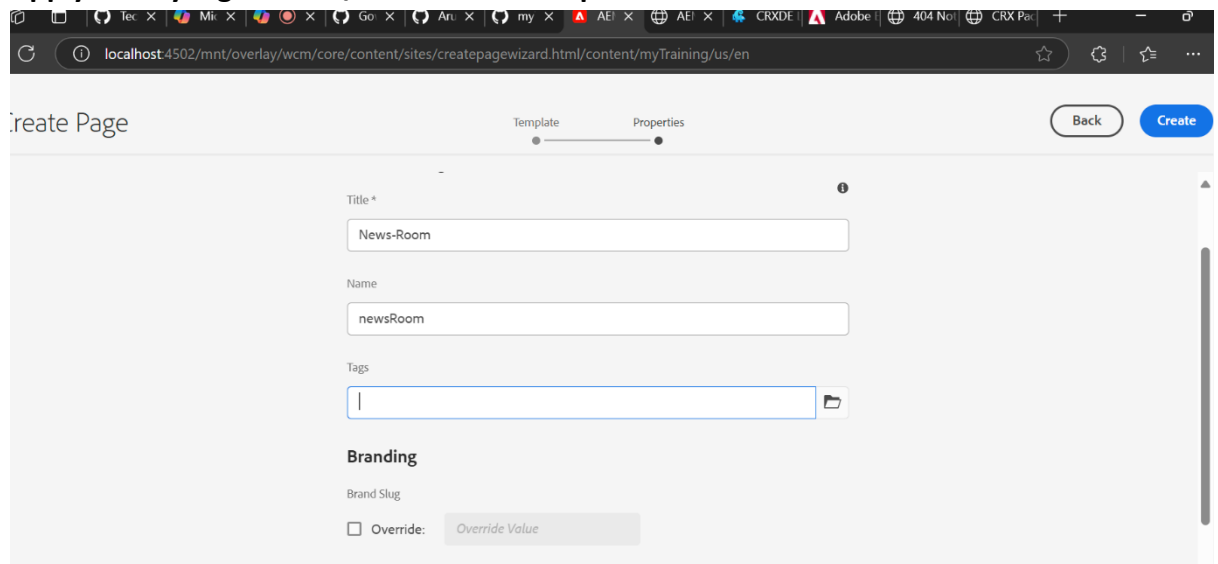
News Room Template Type

```
<jcr:root xmlns:sling="http://www.sling.apache.org/jcr/sling/1.0"
  jcr:primaryType="cq:Template"
  allowedPaths="/content/myProject(/.*)"?
  allowedChildren="[]"
  resourceType="myProject/components/newsRoomPage"/>
```

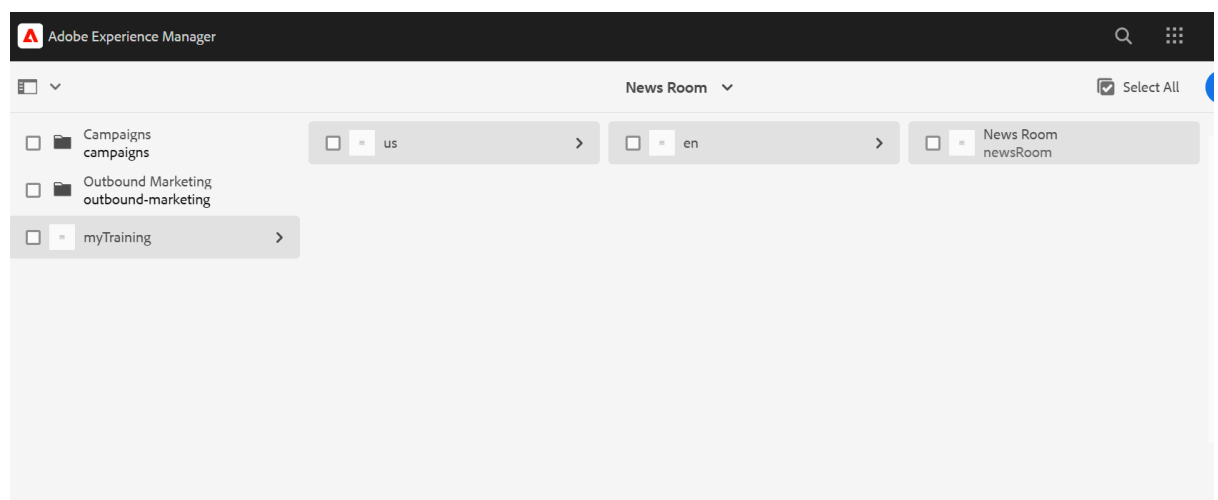
News Room Template

```
<jcr:root xmlns:sling="http://www.sling.apache.org/jcr/sling/1.0"
  jcr:primaryType="cq:Page"
  sling:resourceType="myProject/templates/newsRoomTemplateType"/>
```

4. **Apply the styling to news/ hello world component from ui.frontend folder**



The screenshot shows the 'Create Page' dialog in Adobe Experience Manager. The 'Title' field is 'News-Room', the 'Name' field is 'newsRoom', and the 'Tags' field is empty. The 'Branding' section shows 'Brand Slug' with an 'Override' checkbox and a text field containing 'Override Value'.



News Room

