**Title: Link Preview Feature**

**Functionality:** This document covers section 9 of specification document

1. **What is developed?**

* When user clicks on a link preview from IPS user will be redirected to next page where he/she can view the details of the resource-link.

1. **How it is developed?**

* When user clicks on link preview from IPS hidden code will be passed to server side method CallBasedOnMediaHandlerID().
* It will check whether the file exists at specified path (D: /Projects/TSFX Genform/Genform/Source/forms/Data/AppRead/Resource/resource.xml) and if it exist then it will check whether the file data exist into cache memory.
* If file does not exist into cache memory then system will read the file and store it in cache memory.
* If file exist into cache memory then system will check whether the file has been modified or not. If file is modified then system will again read it and store it into cache memory.
* System checks if the hiddencode exists in the XML file.
* If the hiddencode exists, system will get its details along with the file names, file size, description, etc and it will return it to client side.
* Client side system will check for the value of “MediaHandlerId”.
* The MediaHandlerId=2 will be of Link Preview.
* The details of resource selected will be shown on UI of Link Preview along with the image which is taken from ‘AppWriteWebRead/ResourceData’ folder.
* The URL will be binded on “Read More” button so on click of it URL will get open in another page/tab. It will explain resource in more details.

1. **Where to find code?**

* **Templates** : TSFXGenformWeb > templates > Resources > linkPreview.html.
* **Clientside** :
  + Controller : TSFXGenformWeb > app > controllers > resources > resourceLinkController.ts
  + Service : TSFXGenformWeb > app > services > resources > resourceLinkService.ts
* **Controllers** : TSFXGenform.Core > Controllers > ResourceController.cs
  + Methods :
    - CallBasedOnMediaHandlerID() :It will read the xml file and return selected resource for passed hiddencode.
    - CreateResourceLinkPreview() : It will return selected resource.
* **Repository** : TSFXGenform.Repository > Repository > ResourceRepository.cs ,Cache Repository.cs, XmlDataRepository.cs
* **Repository** : TSFXGenform.Repository > IRepository > IResourceRepository.cs ,ICache Repository.cs, IXmlDataRepository.cs

**Path :**

**XML file path**/forms/Data/AppRead/Resource/resource.xml.

**Image path:** [forms/Data/AppWriteWebRead/ResourceData/wmbhwquq.jpg](http://localhost//forms/Data/AppWriteWebRead/ResourceData/wmbhwquq.jpg)

Where “wmbhwquq” is hiddencode selected by user.