**Title: Quiz Intro Page**

**Functionality:** This document covers section 7.2 – Intro Page: PageType=1 of specification document

1. **What is developed?**

* When user clicks on a quiz from IPS user will be redirected to next page where he/she can view the quiz.

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 Resource.xml file.
* IF the hiddencode of Quiz exists, then system will further read data from Quiz XML file which would be in ‘AppRead’ folder with name as ‘hiddencode.xml’.
* If the MediaHandlerId=3 in the Resource.xml file then it will be Quiz.
* The details for the Quiz i.e. quiz question, Quiz intro page opening message details, Quiz pages details, etc. will be read by the system and will be stored in cache.
* If the Available date of the Quiz is not null and its date is less than current date time, then Quiz will be available to the user and Intro Page with ‘My Quizzes’ and ‘Begin Quiz’ options will be shown else will give message for Quiz not available.
* On load of the Intro page details will be inserted in QuizDefine table.
* If quiz is expired then system will display message on intro page i.e. “Quiz is not available.”

1. **Where to find code?**

* **Templates**: TSFXGenformWeb > templates > Quiz > introPage.html.
* **Clientside** :
  + Controller : TSFXGenformWeb > app > controllers > quiz > introPageController.ts
  + Service : TSFXGenformWeb > app > services > quiz > introPageService.ts
* **Controllers** : TSFXGenform.Core > Controllers > ResourceController.cs
  + Methods :
    - CallBasedOnMediaHandlerID() :It will read the xml file and return selected resource for passed hiddencode.

QuizController :

* Methods:
  + - CheckQuizIsAvailableOrNot() :It checks whether the quiz is available or not and it also checks whether the quiz is expired or not.
    - GetDetailsOfQuizOnIntroLoadPage() :It will read xml file if file is modified or file data does not exist in cache memory.
    - InitializeQuizDefineOnPageLoad() : Insert details into quizdefine
    - GetDetailsForIntroPage() : Get details fro intropage
    - GetCurrentQuizName() :Get current quiz name.
* **Repository** : TSFXGenform.Repository > Repository > ResourceRepository.cs ,Cache Repository.cs, XmlDataRepository.cs ,QuizRepository
* **Repository** : TSFXGenform.Repository > IRepository > IResourceRepository.cs ,ICache Repository.cs, IXmlDataRepository.cs ,IQuizRepository

**Path :**

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

**Quiz XML file** : forms/Data/AppRead/Quiz/hiddenCode.xml.