**Title: Quiz Answer Drill Page**

**Functionality:** This document covers section 7.2 – Answer drill page: PageType=4 of specification document

**What is developed?**

* When a user clicks on “Answer” link from Result Page, system will redirect it to Answer-drill page which contains a question image along with user answer for that questions placed in Ckeditor and solution image.
* On click of “Result” button user will be redirected to result page.
* On the top of the page user’s score is displayed.
* If user’s timer is expired for any of the question then the ‘Timer expired’ icon will be displayed.
* On click of browser back button, system will let the user to IntroPage.

**How it is developed?**

* On load of Answer drill page, question no, hiddencode ,quizresultsummaryid will be sent to server side to get the question ,solution and user answer details.
* It will return List<QuizPageAndQuestionDetails> application class.
  + IndentPx: pixel to adjust the CkEditor.
  + AnsweredInTime : Property to check whether the user has answered in time or not
  + SolutionImageRequiredScaling: The displayed size of the solution image is to be this amount of times bigger/smaller than that of the question image, and its purpose is to adjust for varied font sizes used between question and solution images.
  + QuestionId: Id of the question.
  + QuestionImagePath : Image path of question
  + NumberOfMarks : Maximum marks for question
  + UserAnswer : User answer
  + WriteSolutionInSpecificLocationMessage : Special message to display below question message.
  + SolutionResourceTitle : If solution contains resources i.e. audio/video then it will be displayed.
  + AudioVideoImagePath : Audio/Video path.
  + SolutionImagePath: Solution image path.
* At the top user score will be displayed with maximum score. If user’s timer was expired then icon for ‘Timer expired’ will be displayed.

**Where to find code?**

* **Templates**: TSFXGenformWeb > templates > Quiz > answerDrillPage.html.
* **Clientside** :
  + Controller : TSFXGenformWeb > app > controllers > quiz > answerDrillPageController.ts
  + Service : TSFXGenformWeb > app > services > quiz > answerDrillPageService.ts
* **Controllers** : TSFXGenform.Core > Controllers > QuizController
* Methods:
  + - GetQuestionAndAnswerDetailsForAnswerDrillResultPage (): Method to get question and answer details.
* **Repository** : TSFXGenform.Repository > Repository >Cache Repository.cs, XmlDataRepository.cs ,QuizRepository
* **Repository** : TSFXGenform.Repository > IRepository >ICache Repository.cs, IXmlDataRepository.cs ,IQuizRepository