# YouTestMe

## **Custom Question Properties**

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#### **1** Introduction

The purpose of this document is to describe the current implementation and future improvements of the custom question properties in YouTestMe GetCertified.

#### **1.1 Custom Question Properties**

Custom question properties represent optional fields that can be used for:

- parallel organization of the questions
- defining of advanced criteria for generating test
- reporting purposes

They can be created by users with higher levels of permissions, and their values can be predefined.

The image below shows the current implementation of the custom question properties in a question editor. They are visible in the **Custom properties** section of the question editor.

î		My assignr	nents Users <del>-</del>	Tests 👻	Surveys 👻	Training courses	Reporting 👻	System 👻	Û	🕡   🐥	<u></u> .
	Basic settings Define how the answer to the question will be graded. Points, penalty, and duration are default values that can be overridden during the test creation process.	Scoring method: ⑦ Points: Duration:	Defining correct/inco 5 • Pe 00:02:00	rrect answers nalty:	• 0 *	Matching					
	Generator settings Label question by a difficulty to prepare them for the Test generator or just for better organization. Tune the level of appearance in randomly generated tests by specifying the frequency factor.	Difficulty: Frequency: ⑦	Medium Normal		*						
A	Custom properties Specify the custom properties for the question.	Level of learining: Rationale:	Remembering The purpose of this q	uestion is to ch	▼ eck candidates						
	Advanced question setup Create multi-dimensional question structures by utilizing question branching. Use tags for better question organization and advanced searching.	Tags: ⑦ External ID:									
	Additional attachments In addition to the multimedia added to the question text, you can also include attachments that refer to the question context (i.e., literature relevant to both question and possible answers).	Create new Imp	ort from library								

For more information on custom question properties, please take a look at the following documents:

- <u>Step-by-step instructions on using custom question properties</u>
- Importing custom question properties via Excel files

#### 2 Improvements

#### 2.1 Generating Tests

#### 2.1.1 Current Situation

In the current implementation, only the **Difficulty** with its three values (Easy, Medium, Hard) can be used as a criterion when generating tests.

#### 2.1.2 Improvements

The users will be able to determine how many questions with a specific value from a particular custom question property should be used when generating different versions of that same test.

The example below shows how three custom question properties (**Module**, **Level of Knowledge**, and **Purpose**) are included as criteria for generating a test and how this option will look in the new application design. With the settings defined as in the image below, the generated test versions will include:

- 5 questions with A1 value defined for **Module** property, and Advanced value for **Level of Knowledge** property
- 3 questions with B5 value for **Module**, Basic value for **Level of Knowledge** and Definition value defined for **Purpose** property.

					p-down list and import by their o				
Select Qu	Jestion Pool								
Aviatio	n								~
Set 1 Co	onditions								
Module		Level of Knowled	ge						
A1	~	Advanced	~	+					5 🗘
Set 2 Co	onditions								
Module		Level of Knowled	ge	Purpose					
Module		Lever or renormed							
B5	~	Basic	~	Definition	~	+			3 ‡
B5	V another set		~	Definition	~ Pool Name	+	Dificulity	Frequency factor	
B5	Question Text		~		Pool Name Aviation	+	Dificulity Medium	Frequency factor	
B5 Add	Question Text Which of the follo	Basic	V NERAL CA			+			Туре
B5 Add	Question Text Which of the follo What does the ter	Basic	V NERAL CA	LL"? N" mean?	Aviation	+	Medium		Type Single choice

The system will also perform the validation before the test creator can save the settings to ensure there are enough questions to generate the desired test.