



# 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.

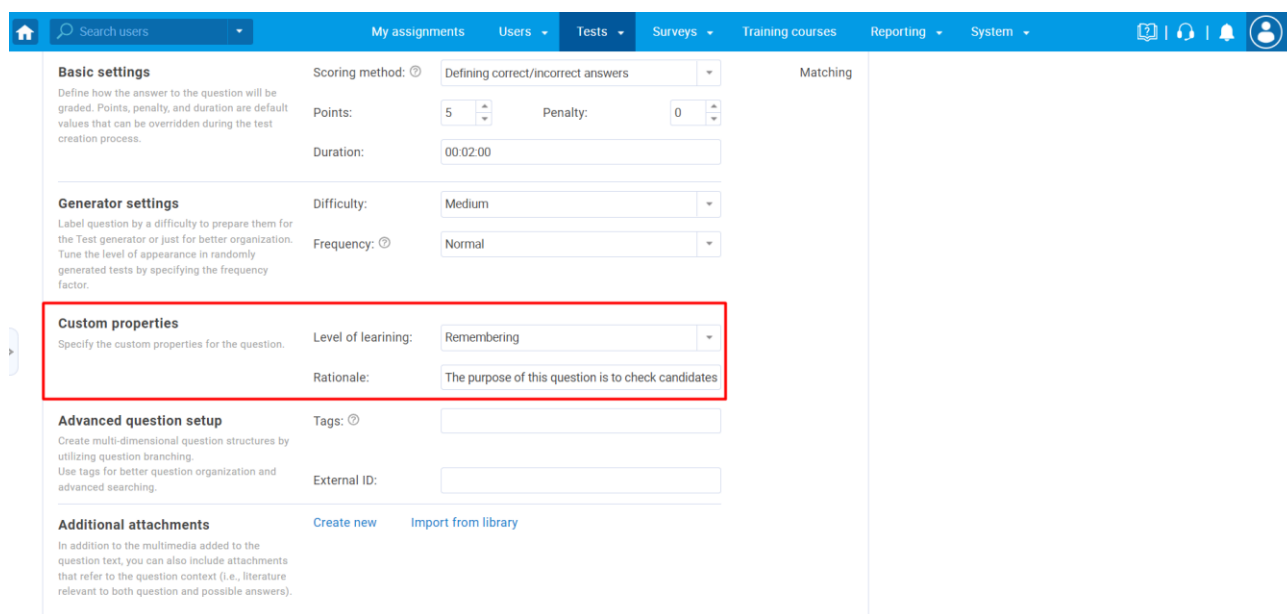
## 1.1 Custom Question Properties

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.



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

- [Step-by-step instructions on using custom question properties](#)
- [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.

### Add Question Pool

Select a pool from the drop-down list and choose a number of questions for import by their difficulty.

Select Question Pool

Aviation
▼

**Set 1 Conditions**

---

Module

A1
▼

Level of Knowledge

Advanced
▼

+

5
⬇

**Set 2 Conditions**

---

Module

B5
▼

Level of Knowledge

Basic
▼

Purpose

Definition
▼

+

3
⬇

Add another set

Question Text	Pool Name	Difficulty	Frequency factor	Type
⋮ Which of the following calls is a "GENERAL CALL"?	Aviation	Medium	-	Single choice
⋮ What does the term "AERONAUTICAL STATION" mean?	Aviation	Medium	-	Single choice
⋮ What does the term "BLIND TRANSMISSION" mean?	Aviation	Medium	-	Single choice

✎ Edit
🗑 Remove

<

1
2
3
4
5

>

Cancel
Save

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.