

Quality Definition, Planning and Review: GotoGro-MRM

Plan for Quality Testing

Following the descriptions in 71D, a suitable survey must be created to demonstrate the software actually meeting the requirements. **Figure 1** shows the testing item listed on the Trello board:

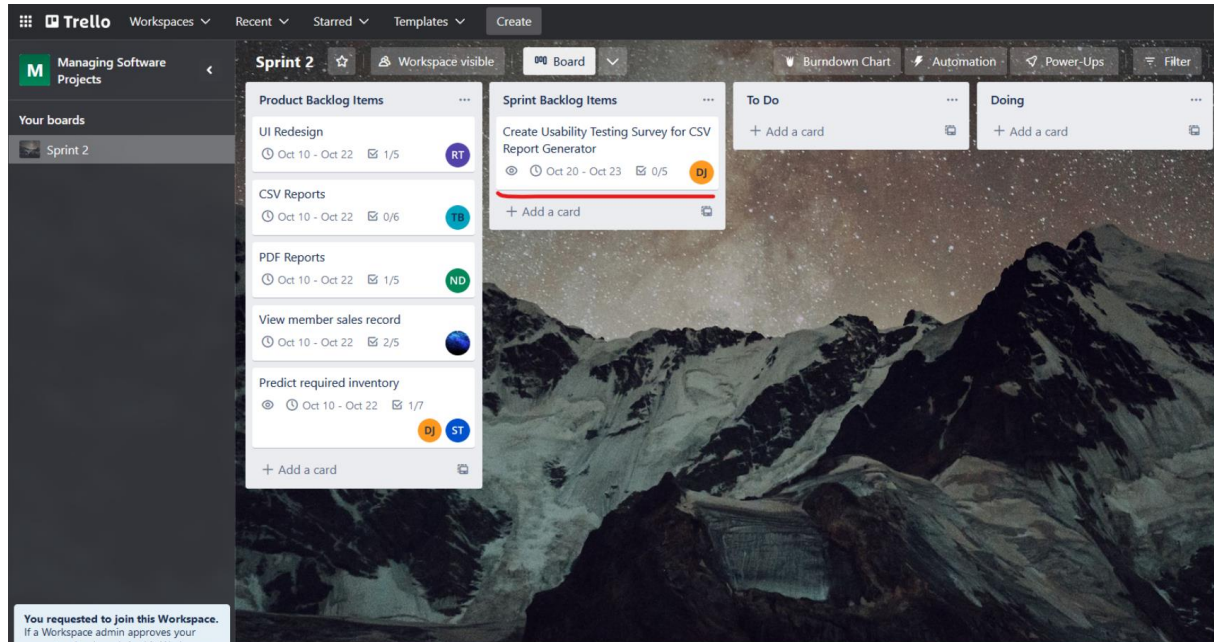


Figure 1: Testing backlog item on Trello board.

As part of this item, the specific questions have been listed as well as generic descriptions to help complete the task (following the completion of the product in question). Subsequently the dates assigned to the testing item are the days directly after Sprint 2 as this will be after the product is working. **Figure 2** displays the recommended survey questions:

Create Usability Testing Survey for CSV Report Generator

in list [Sprint Backlog Items](#)

Members
DJ +

Dates
Oct 20 - Oct 23 at 11:36 PM

Description Edit
Use survey monkey, generate link and provide via email to shift managers who have agreed to participate.

Checklist Delete
0%
☐ How easy was it to generate a report from the interface (1-10)?
☐ How suitable was the information provided on the default report to your needs (1-10)?
☐ How easy was it to change the date parameters of the report (1-10)?
☐ How easy was it to change other data parameters of the report (1-10)?
☐ Did the default report contain all the information you were looking for? (yes/no) If no, what was missing?
 Add an item

Add to card
 Members
 Labels
 Checklist
 Dates
 Attachment
 Cover
 Custom Fields

Power-Ups
 + Add Power-Ups

Automation ⓘ
 + Add button

Actions
 → Move
 Copy
 Make template

Figure 2: The creation plan for the quality survey as shown on the Trello card.

The questions at hand are acceptable to generate a usability baseline for this specific product as they address the 4 primary usability areas: being product suitability, efficiency, intuitiveness and accuracy.

In order to keep the survey valid, its integrity can be maintained in two ways: First, by ensuring the usability of the survey itself is ideal. And second, by validating the identities of the users filling out the survey (ensuring they are actual shift managers and therefore offering reasonable data that should be included in the quality metrics).

To maximise usability, the free tool Survey Monkey will be used to create the survey. This is a common tool many people will be familiar with and is also very intuitive which will minimise the chance that the survey feedback data is inaccurate due to user input errors or misclicks.

Ensuring the quality of the data entry is more difficult as we will obviously not have a wide range of “shift managers” to test from. For this project specifically, the greatest usability opinion will come from our tutor, with supporting opinions potentially from other teams. Another simple step we could take to ensure data validity is to be present while the member in question is filling out the survey as they are more likely to do it properly in that case.

Figure 3 shows a snippet of the survey taken from the Survey Monkey backend.

Usability Survey - Report Generator

⊕ PAGE TITLE

This survey seeks to determine the usability of the Report Generator tool. 🗨 0

1. Using any number from 0 to 10, where 0 is extremely difficult and 10 is extremely easy, how easy was it to generate a report from the interface? 🗨 0

10 Extremely easy	9	8	7	6	5	4	3	2	1	0 Extremely difficult
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Using any number from 0 to 10, where 0 is extremely unsuitable and 10 is extremely suitable, how suitable was the information provided on the default report to your needs? 🗨 0

10 Extremely Suitable	9	8	7	6	5	4	3	2	1	0 Extremely Unsuitable
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Figure 3: First two questions of survey.