

Interactive: Intermediate Designer Part 1

Objectives

- Create GPS, picture, and barcode questions
- Add a validation condition and message
- Review C# syntax for different question types

User accounts and information are highlighted in blue. Please be sure you refer to your User Information Sheet for your account information.

1. Log on to the Designer Website as <https://solutions.worldbank.org/>
 - a. Login: **Designer Login**
 - b. Password: **Designer Password**

Survey Solutions
Designer

This is a tool for creating surveys for
The World Bank's CAPI platform with
collaboration capabilities and export to PDF.

Welcome to Survey Solutions
Questionnaire Designer

Please log in or Register

Login or email

Password

Stay logged in for a day

LOG IN FORGOT PASSWORD?

2. Go to Create New tab.

Questionnaire Designer

MY QUESTIONNAIRES PUBLIC QUESTIONNAIRES **CREATE NEW**

3. Create a new questionnaire named *Intermediate Design - Part 1*

Create New Questionnaire

Intermediate Design - Part 1

CREATE CANCEL BACK TO LIST

4. Name the section *Special Question Types*

Title

Special Question Types

Enabling condition (?) Hide if disabled (?)

5. Create a GPS question as below

SPECIAL QUESTION TYPES /

Question type Variable name(?)

Variable label(?)

Survey Location GPS

Question text

GPS Location of Survey

ADD INTERVIEWER INSTRUCTION

Enabling condition (?) Hide if disabled (?)

ADD NEW VALIDATION RULE

Question scope


6. Create a barcode as below.

SPECIAL QUESTION TYPES /

Question type

 Barcode 

Variable name(?)

 HouseholdBarcode

Variable label(?)

Household Barcode

Question text

Barcode for household

[ADD INTERVIEWER INSTRUCTION](#)

Enabling condition (?) Hide if disabled (?)

[ADD NEW VALIDATION RULE](#)

Question scope

Interviewer 

7. Create a picture as below

SPECIAL QUESTION TYPES /

Question type

 Picture 

Variable name(?)

 PictureHouse

Variable label(?)

Picture of house

Question text

Picture of House

[ADD INTERVIEWER INSTRUCTION](#)

Enabling condition (?) Hide if disabled (?)

Question scope

Interviewer 

8. Add a text question as below

SPECIAL QUESTION TYPES /

Question type Variable name(?)

AB | Text # Name

Variable label(?)

Name of respondent

Question text

What is your first and last name?

Pattern (?)

ADD INTERVIEWER INSTRUCTION

Enabling condition (?) Hide if disabled (?)

ADD NEW VALIDATION RULE

Question scope Interviewer

9. Add a validation rule to check the length of the name

ADD NEW VALIDATION RULE

● Validation condition 1 (?) ✕

Name.Length>3

Error message (?)

Name incomplete.

ADD NEW VALIDATION RULE

10. Save this question

SAVE

11. Add a numeric question asking the respondent's height.

Question type

12 Numeric

Variable name(?)

Height

Variable label(?)

Height

Question text

What is your height in cm?

Integer

Use 1000 separator (?)

12. Add a validation that height less the 250cm

● Validation condition 1 (?)

Height<250

Error message (?)

Height is too tall

13. Save this question



14. Add a single select question asking the respondent's favourite color.

SPECIAL QUESTION TYPES /

Question type Variable name(?)

Variable label(?)

Question text

1	Red	✗
2	Blue	✗
3	Green	✗
4	Yellow	✗
5	Other	✗

[ADD OPTION](#) [SHOW STRINGS](#)

15. Display error if they do not select yellow.

● Validation condition 1 (?) ✗

Error message (?)



[ADD NEW VALIDATION RULE](#)

16. Save this question

17. Create a multiselect question as below

SPECIAL QUESTION TYPES /

Question type







 Categorical: Multi-select 

Variable name(?)



Variable label(?)

Question text

1	<input type="text" value="coffee"/>	
2	<input type="text" value="tea"/>	
3	<input type="text" value="juice"/>	
4	<input type="text" value="milk"/>	
5	<input type="text" value="water"/>	
6	<input type="text" value="other"/>	

[ADD OPTION](#) [SHOW STRINGS](#)


Filter

Record answer order Max number of answers

Yes/No mode

Is linked

18. Display a message if water is not selected

● Validation condition 1 (?) 

Error message (?)

19. Display a message if only water is selected

● Validation condition 2 (?) ✕

`Drinks.ContainsAny(1,2,3,4,6)`

Error message (?)

`Variety is the spice of life`

20. Save this question



21. Compile the questionnaire

Intermediate Design - Part 1

(7Q, 1S, 0R) COMPILE NO ERRORS 5 WARNINGS

22. Use tester to check that everything is working properly.



BlueStacks



☰ Special Question Types

What is your favorite color?

Red

Blue

Green

Yellow

Other

Basic functions by question type

List

- [Length](#). Checks the number of items listed

Numeric

- [Relational Operators](#): less than, greater than, equal to, etc

Single-select

- [Relational Operators](#) less than, greater than, equal to, etc.

Text

- [Length](#): Checks the number of characters

Multi-select:

- [Contains](#). Checks whether the answers to question contain a specified value.
- [ContainsAll](#). Check whether the answers contain all of the specified values.
- [ContainsOnly](#). Contains only the specified values
- [ContainsAny](#). Contains at least one of the specified values
- [!ContainsAny](#). Contains none of the specified values.
- [Length](#). Computes the number of answers to a multi-select question.