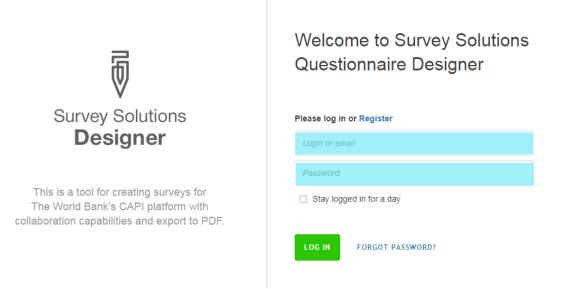
Interactive: Intermediate Designer Part 1

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



2. Go to Create New tab.



4. Name the section *Special Question Types*

	Title	2					
	Spe	cial Question Types					
	• Ena	bling condition (?) 🔲 Hide if disabled (?)				
5. Cı	reate a	GPS question as below					
	SPECIA	L QUESTION TYPES /					
	Quest	ion type	Variable name(?)			
	0	GPS 🗸 🖗	SurveyGPS				
	Varia	ble label(?)					
Survey Location GPS							
	Quest	Question text					
	GPS	Location of Survey					
	ADE	INTERVIEWER INSTRUCTION					
	• Ena	oling condition (?) 🗌 Hide if disabled (?))				
	ADE	NEW VALIDATION RULE					
			Question scope	Interviewer 🗸			

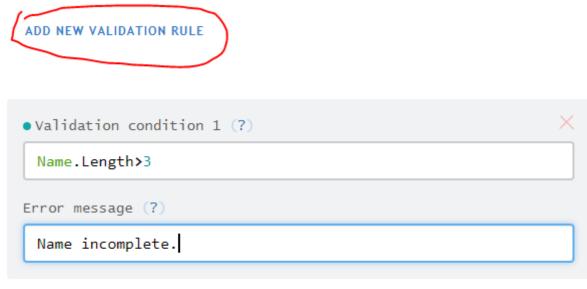
6. Create a barcode as below.

SPECIAL QUESTION TYPES /			
Question type		Variable name(?))
Barcode V	Þ	HouseholdBarcode	e
Variable label(?)			
Household Barcode			
Question text			
Barcode for household			
ADD INTERVIEWER INSTRUCTION			
•Enabling condition (?) 🗌 Hide if disabled	(?)		
ADD NEW VALIDATION RULE			
		Question scope	Interviewer 🗸
Create a picture as below			
SPECIAL QUESTION TYPES /			
Question type		Variable name(?))
💿 Picture 🗸	Þ	PictureHouse	
Variable label(?)			
Picture of house			
Question text			
Picture of House			
ADD INTERVIEWER INSTRUCTION			
• Enabling condition (?) 🗌 Hide if disabled	(?)		
•Enabling condition (?) 🗌 Hide if disabled	(?)		

8. Add a text question as below

SPECIAL QUESTION TYPES /			
Question type		Variable name(?))
AB Text V	Þ	Name	
Variable label(?)			
Name of respondent			
Question text			
What is your first and last name?			
Pattern (?)			
ADD INTERVIEWER INSTRUCTION			
Enabling condition (?) 🗌 Hide if disable	ed (?)		
ADD NEW VALIDATION RULE			
		Question scope	Interviewer

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



ADD NEW VALIDATION RULE

10. Save this question



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

Question type	Variable name(?)
12 Numeric V	A Height
Variable label(?)	
Height	
Question text	
What is your height in cm?	
忆 Integer	
🗌 Use 1000 separator (?)	
2. 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 QUESTIO	N TYPES /	
Question type	2	<pre>Variable name(?)</pre>
S= Categorical: Single-select 🗸		Second Se
/ariable labe	21(?)	
Favorite Color		
Question text		
what is you	ur favorite color?	
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 (?)	×	
FavoriteColor == 4		
Error message (?)		
Yellow is better!		

ADD NEW VALIDATION RULE

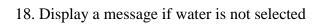
16. Save this question



17. Create a multiselect question as below

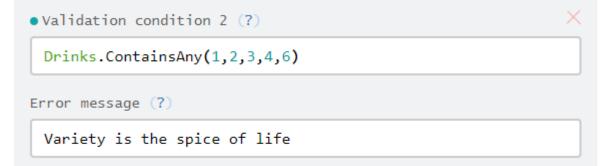
Variable name(?)
🖗 Drinks

Which of the	following drinks	have you	had in th	e last we	ek?
1	coffee				X
2	tea				\times
3	juice				X
4	milk				\times
5	water				\times
6	other				\times
ADD OPTION				SHOW ST	RINGS
Filter					
Record a	answer order Ma	ax number (of answers		
🗌 Yes/No n	ode				
🗌 Is linke	٤d				



• Validation condition 1 (?)		
Drinks.Contains(5)		
Error message (?)		
Water is very healthy		

19. Display a message if only water is selected



20. Save this question

SAVE

- 21. Compile the questionnaire Intermediate Design - Part 1 (7Q, 1S, 0R COMPILE TO ERRORS 5 WARNINGS
- 22. Use tester to check that everything is working properly.

9	BlueStacks
≡	Special Question Types
	What is your favorite color?
	O Red
	O Blue
	O Green
	• Yellow
	O Other

Basic functions by question type

List

• <u>Length</u>.Checks the number of items listed

Numeric

• <u>*Relational Operators*</u>: less than, greater than, equal to, etc

Single-select

• <u>Relational Operators</u> less than, greater than, equal to, etc.

Text

• <u>Length</u>: Checks the number of characters

Multi-select:

- <u>Contains</u>. Checks whether the answers to question contain a specified value.
- <u>ContainsAll</u>. Check whether the answers contain all of the specified values.
- <u>ContainsOnly</u>. Contains only the specified values
- <u>ContainsAny</u>. Contains at least one of the specified values
- <u>!ContainsAny</u>. Contains none of the specified values.
- Length. Computes the number of answers to a multi-select question.