Advanced Form Behavior Demonstration

1. Value Constraint Examples

1.1 Restrict an answer to only have 50 characters (using 'maxLength')

First Name [   ]

1.2 Restrict an answer to have at least 2 characters (using 'minLength')

Last Name [   ]

1.3 Restrict an answer to range from 1 to 100, up to 2 decimal places (using 'minValue', 'maxValue' and 'maxDecimalPlaces')

Weight in kg [   ]

1.4 Only allow an answer in this format: A1A 1A1 (using 'regex')

Postal Code (A1A 1A1) [   ]

1.5 Only allow a JPG or PDF attachment, up to 1Mb (using 'mimeType' and 'maxSize')

Attach Proof of Citizenship [Choose File] no file selected   [Submit]

2. Choice Restriction Examples

2.1 Restrict choices from a fixed list (using 'answerOptions')

Province [Alberta ▾]

2.2 Restrict choices from a value set (using 'answerValueSet')

Activity Level [Often ▾]

2.3 Require an answer (using 'required')

Email* [   ]

2.4 Example of an answer that is for display only, non-editable (using 'readOnly')

Current Date: [05/05/2020]

2.5 Multiple answers allowed, no limit (using 'repeats')

Heart History (check all that applies):
☐ Heart attack
☐ Heart surgery
☐ Cardiac catheterization
☐ Coronary angioplasty (PTCA)
☐ Cardiac pacemaker
☐ Other (specify): [   ]

2.6 Must have at least to 2 answers (using 'minOccurs')

Heart History (check at least 2):
☐ Heart attack
☐ Heart surgery
☐ Cardiac catheterization
☐ Coronary angioplasty (PTCA)
☐ Cardiac pacemaker

2.7 Can only have up to 3 answers (using 'maxOccurs')

Heart History (check no more than 3):
☐ Heart attack
☐ Heart surgery
☐ Cardiac catheterization
☐ Coronary angioplasty (PTCA)
☐ Cardiac pacemaker

2.8 Restrict unit choices using unit options (using 'unitOption')

Dosage [   ] [ml ▾]

2.9 Restrict unit choices from a value set (using 'unitValueSet')

Dosage [   ] [ml ▾]

2.10 Only allow a service animal resource as an answer (using 'referenceResource', 'referenceProfile' and 'lookupQuestionnaire')

Select your preferred service animal: [Lassie ▾]

3. Calculation Examples

3.1 Example with an initial expression (using 'initialExpression')

Deadline for submission (7 days from now) [05/05/2020]

3.2 Example with a calculated expression (using 'calculatedExpression', 'variable', 'launchContext')

Weight (kg) [   ]
Body Height (inches) [   ]
Your Body Mass Index (BMI) is [   ]

3.3 Example with a CQF calculated value (using 'cqf-calculatedValue' and 'cqf-library')

Estimated Due Date [07/07/2020]

4. Other Controls

4.1 Example of options with initial value (using 'initial')

Marital Status [Divorced ▾]

4.2 Example of enabling behaviors (using 'enableWhen', 'enableBehavior', and 'enableWhenExpression')

Choose Gender [Female ▾]
Are you pregnant? (enableWhen = gender is Female)
○ Yes
○ No
○ Don't know
Are you diabetic? (enableWhen = gender is Female)
○ Yes
○ No
○ Don't know
Have you been diagnosed with Gestational Diabetes? (enableBehavior = only when pregnant and diabetic)
○ Yes
○ No
○ Don't know

Enter your birthdate (MM/DD/YYYY) [   ]
Have you had mammogram before?(enableWhenExpression = only when gender is female and age > 40)
○ Yes
○ No
○ Don't know

4.3 Example involving ordinal value and contraints (using 'ordinalValue' and 'constraint')

You should answer at least three questions.

Over the last 2 weeks, how often have you been bothered by any of the following problems?

1. Little interest or pleasure in doing things
○ Not at all (0) ○ Several Days (1) ○ More than half the days (2) ○ Nearly every day (3)

2. Feeling down, depressed, or hopeless
○ Not at all (0) ○ Several Days (1) ○ More than half the days (2) ○ Nearly every day (3)

3. Trouble falling or staying asleep, or sleeping too much
○ Not at all (0) ○ Several Days (1) ○ More than half the days (2) ○ Nearly every day (3)

4. Feeling tired or having little energy
○ Not at all (0) ○ Several Days (1) ○ More than half the days (2) ○ Nearly every day (3)

Total Score: 0

4.4 Example of signature required (using 'signatureRequired' and 'usageMode')

Signature of Patient: [only show signature pad when capturing data]

4.5 Questionnaire can have an endpoint URL for the Form Receiver when it is completed (using 'endPoint')

4.6 Questionnaire can be setup to have all enabled questions to be visible and accessible to the user (using 'entryMode')