

Floating Action Buttons

Record 1		Record 2		Record 3		Record 4		Record 5		Record 6		Record 7		Record 8		Record 9		Record 10								
Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z	
<input checked="" type="checkbox"/> Record 1	<input checked="" type="checkbox"/> Sub A	<input checked="" type="checkbox"/> Sub B	<input checked="" type="checkbox"/> Sub C	<input checked="" type="checkbox"/> Sub D	<input checked="" type="checkbox"/> Sub E	<input checked="" type="checkbox"/> Sub F	<input checked="" type="checkbox"/> Sub G	<input checked="" type="checkbox"/> Sub H	<input checked="" type="checkbox"/> Sub I	<input checked="" type="checkbox"/> Sub J	<input checked="" type="checkbox"/> Sub K	<input checked="" type="checkbox"/> Sub L	<input checked="" type="checkbox"/> Sub M	<input checked="" type="checkbox"/> Sub N	<input checked="" type="checkbox"/> Sub O	<input checked="" type="checkbox"/> Sub P	<input checked="" type="checkbox"/> Sub Q	<input checked="" type="checkbox"/> Sub R	<input checked="" type="checkbox"/> Sub S	<input checked="" type="checkbox"/> Sub T	<input checked="" type="checkbox"/> Sub U	<input checked="" type="checkbox"/> Sub V	<input checked="" type="checkbox"/> Sub W	<input checked="" type="checkbox"/> Sub X	<input checked="" type="checkbox"/> Sub Y	<input checked="" type="checkbox"/> Sub Z

Record 1
Sub B

= Subrecord ID: Sub B ▾

Color : Blue

Shape: Circle

Choice #1

Choice #2

Last Saved 1/30/2018

④ Add Tag/Version Label ⑦ Compare 2 Subs

④ Compression ⑨ Add Tag/Version Label ⑦ Compare 2 Subs

Button Key: ② Insert/Exlude ⑥ Rank ⑧ Rank ⑩ Compress ⑪ Format [Name2]: 0 1 2 3

Active Filter Example

The screenshot shows a database interface with the following details:

- Active Filters:** Color: Blue
- Records Found:** 8 of 100 Records Found
- Record 1:** Sub B (highlighted with a red circle)
- Record 2:** Sub C
- Record 3:** Sub D
- Record 4:** Sub E
- Record 5:** Sub F
- Record 6:** Sub G
- Record 7:** Sub H
- Record 8:** Sub I
- Record 9:** Sub J
- Record 10:** Sub K
- Record 11:** Sub L
- Record 12:** Sub M
- Record 13:** Sub N
- Record 14:** Sub O

Each record row contains a checkbox, a rank number, a record ID, and a preview thumbnail.

Record 1
Sub B

Choice #1
Subrecord ID: Sub B

Color: Blue

Shape: Circle

Choice #2
Subrecord ID: Sub B

Color: Blue

Shape: Circle

Compare Two Subrecords

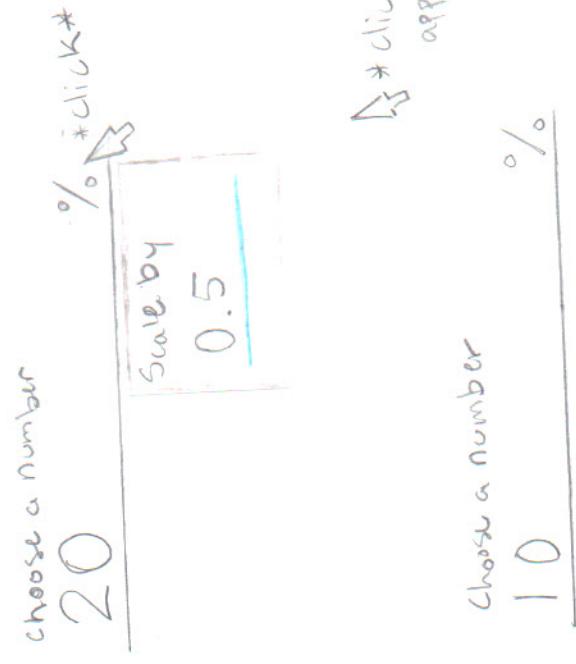
←
Record 1
Sub B

Subrecord ID: Sub B	Subrecord ID: Sub E
Color: Blue	Color: Orange
Shape: Circle	Shape: Circle
Choice #1	Choice #1
Choice #2	Choice #2

Record 2
Sub E

Note: Details card stretches left. Selection list card shrinks closed

Scalable Number Field



Record 1
L Sub B

Choice #1

= Subrecord ID: Sub B ▷

Color: Blue

Shape: Circle

Choice #2

Q =

Rank

Rank	In. Comprison	Sub E	Sub Z	Sub A S	Sub J	Sub C	Sub BN	Sub CC	Sub BL	Sub P	Sub ET	Sub F	Sub N	Sub D	Sub H	Sub BI	Sub AT	Sub G	Sub I	Sub A	Sub L	Sub AH	(1 2 3)
①	Record 1	Sub A	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	
②	Record 2	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W
③	Record 3	Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V
④	Record 4	Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V
⑤	Record 5	Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V

All Errors Rollup

Rank	Sub E	Sub Z	Sub AS	Sub J	Sub C	Sub BN	Sub CC	Sub BL	Sub P	Sub T	Sub F	Sub N	Sub D	Sub H	Sub AT	Sub G	Sub I	Sub A	Sub L	Sub AH	Sub B
1	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	
2	Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U
3	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V
4	Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U
5	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V

Record 1
Sub B

All Errors:
- Record 1: Choice #2

Choice #1

= Subrecord ID: Sub B ▷

Color: Blue

Shape: Circle

Choice #2

Sub E	Sub Z	Sub AS	Sub J	Sub C	Sub BN	Sub CC	Sub BL	Sub P	Sub T	Sub F	Sub N	Sub D	Sub H	Sub AT	Sub G	Sub I	Sub A	Sub L	Sub AH	Sub B
Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X
Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W
Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V
Sub A	Sub B	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U

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Out of Bounds Name Example

$Q =$

Rank	In. Comprison	Sub E	Sub Z	Sub AS	Sub J	Sub C	Sub BN	Sub CC	Sub BL	Sub P	Sub T	Sub F	Sub N	Sub D	Sub H	Sub G	Sub I	Sub AT	Sub G	Sub I	Sub A	Sub L	Sub AH	Sub S
<input type="checkbox"/> Record 1	Sub A																							
<input checked="" type="checkbox"/> Record 2	Sub B... - B Y Z	B																						
<input type="checkbox"/> Record 3	Sub D	D																						
<input type="checkbox"/> Record 4	Sub E	E																						
<input type="checkbox"/> Record 5	Sub F																							
	Sub G																							
	Sub H																							
	Sub I																							
	Sub J																							
	Sub K																							
	Sub L																							
	Sub M																							
	Sub N																							
	Sub O																							
	Sub P																							
	Sub Q																							
	Sub R																							
	Sub S																							
	Sub T																							
	Sub U																							
	Sub V																							
	Sub W																							
	Sub X																							
	Sub Y																							
	Sub Z																							

Record 1
Sub BX Y Z

Choice #1

Choice #2

Subrecord ID: Sub BX Y Z

Color: Blue

Shape: Circle

Top & Bottom Drop Points Option

<input checked="" type="checkbox"/> Record 1	Rank	Inc.	Compression	<input type="checkbox"/> Drop for Include Top	<input type="checkbox"/> Drop for Overflow Top	<input type="checkbox"/> Drop for Obj. Excluded Top	<input type="checkbox"/> Drop for Excluded Bottom
Sub A							
Sub B	1	8F	<input checked="" type="checkbox"/>				
Sub C	2	4					
Sub D	3	90+					
Sub E	4						
Sub F	5						
Sub G	6						
Sub H	7						
Record 3	8						
Record 4	9						
Sub K	10						
Sub L	11						
Sub M	12						
Record 5	13						
Sub N	14						
Sub O	15						
Sub P	16						
Sub Q	17						
Sub R	18						
Sub S	19						
Sub T	20						
Sub U	21						
Sub V	22						
Sub W	23						
Sub X	24						
Sub Y	25						
Sub Z	26						

Record 1
Sub B

Choice #1

Subrecord ID: Sub B

Color: Blue

Shape: Circle

Choice #2

Full Layout

Q	Rank	Sub C	Sub A	Sub B	Record 1
		Sub G	Sub F	Sub E	Subword ID: Sub B
		Sub H	Sub I	Sub J	Color: Blue
		Sub K	Sub L	Sub M	Shape: Circle
		Sub N	Sub O	Sub P	
		Sub Q	Sub R	Sub S	
		Sub T	Sub U	Sub V	
		Sub W	Sub X	Sub Y	
		Sub Z	Sub A	Sub B	

<input checked="" type="checkbox"/> Record 1	Sub A	Sub C	Sub E	Sub G	Sub I	Sub K	Sub N	Sub O	Sub Q	Sub S	Sub U	Sub W
<input checked="" type="checkbox"/> Sub B	Sub B	Sub D	Sub F	Sub H	Sub J	Sub L	Sub M	Sub P	Sub R	Sub T	Sub V	Sub X
<input checked="" type="checkbox"/> Sub C	Sub C	Sub E	Sub G	Sub I	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub S
<input type="checkbox"/> Record 2	Sub D	Sub F	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub T
<input type="checkbox"/> Record 3	Sub E	Sub G	Sub I	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S
<input type="checkbox"/> Record 4	Sub F	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T
<input type="checkbox"/> Record 5	Sub G	Sub I	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T

choice
Wrong Choice
 (Incorrect)
 choice
Right Choice

Full Layout (Disabled Text Boxes)

=

<input checked="" type="checkbox"/> Record 1	Bank Inc.	Sub C	Sub A	Sub B	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z
<input checked="" type="checkbox"/> Record 2	Bank Inc.	Sub C	Sub A	Sub B	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z
<input checked="" type="checkbox"/> Record 3	Bank Inc.	Sub C	Sub A	Sub B	Sub D	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z

Ref ID: 4
Sub B

<input checked="" type="checkbox"/> Choice	Wrong Choice	<input checked="" type="checkbox"/> Wrong Choice
<input checked="" type="checkbox"/> Choice	Wrong Choice	<input checked="" type="checkbox"/> Wrong Choice
<input checked="" type="checkbox"/> Choice	Wrong Choice	<input checked="" type="checkbox"/> Wrong Choice
<input checked="" type="checkbox"/> Choice	Wrong Choice	<input checked="" type="checkbox"/> Wrong Choice

Sub record ID
Sub B

Choice
Right Choice

Color
Blue

Shape

Circle

Sub record ID
Sub C

Choice
Right Choice

Sub record ID
Sub D

Choice
Right Choice

Sub record ID
Sub E

Choice
Right Choice

Sub record ID
Sub F

Choice
Right Choice

Sub record ID
Sub G

Choice
Right Choice

Sub record ID
Sub H

Choice
Right Choice

Sub record ID
Sub I

Choice
Right Choice

Sub record ID
Sub J

Choice
Right Choice

Sub record ID
Sub K

Choice
Right Choice

Sub record ID
Sub L

Choice
Right Choice

Sub record ID
Sub M

Choice
Right Choice

Sub record ID
Sub N

Choice
Right Choice

Sub record ID
Sub O

Choice
Right Choice

Sub record ID
Sub P

Choice
Right Choice

Sub record ID
Sub Q

Choice
Right Choice

Sub record ID
Sub R

Choice
Right Choice

Sub record ID
Sub S

Choice
Right Choice

Sub record ID
Sub T

Choice
Right Choice

Sub record ID
Sub U

Choice
Right Choice

Sub record ID
Sub V

Choice
Right Choice

Sub record ID
Sub W

Choice
Right Choice

Sub record ID
Sub X

Choice
Right Choice

Sub record ID
Sub Y

Choice
Right Choice

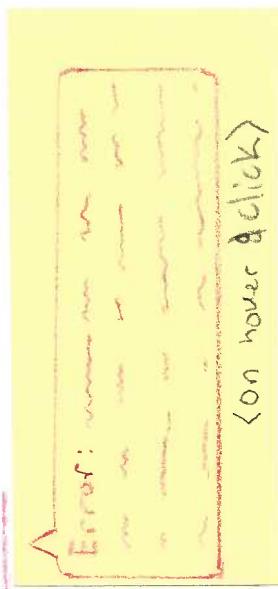
Sub record ID
Sub Z

Choice
Right Choice

- Invalid Field with Long Error Message

Choice

Wrong Choice
① Invalid



- Text Input Format (from CDK)

Favorite Food
→
Sushi

▼ Active with Entry
• Label floats up above field
Showing cursor

Validation Option #1

Q

Record 1
④ Subrecord B

Sub C
Sub A
① Sub B

⑥ Record 1
Sub A
④ Sub B
Sub C

choice
Wrong Choice ?
① Invalid
choice
Right Choice

Validation Option #2

Q

Record 1

Sub A

Sub B

Sub C

Sub C

Sub A

Sub B

Sub C

Record 1
Subrecord B

choice

Wrong Choice

~~Incorrect~~

choice

choice

Right Choice

?

Validation Option #3

Record 1 Subrecord B	<p>choice <u>Wrong Choice</u> ?</p> <p>① Invalid</p> <p>choice Right Choice</p>
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a

<input checked="" type="checkbox"/> Record 1	Sub C
	Sub A
	Sub B
	Sub C
	Sub C

Validation : Option #4 A

Record 1
Sub B

Q

Sub C
Sub A
Sub B
① Sub C

② Record 1
Sub A
Sub B
① Sub C
Sub C

Record 2
Sub B

Subrecord ID: Sub B
Color: Blue
Shape: Circle

Choice
Wrong Choice ③
④ Taxation
Choice
Right Choice

Validation : Option #4 B.

a

② Record 1

A

Sub C
Sub A
Sub B

Errors:
- Record 1: choice 2

- Subrecord B: choice 1

Record 2
Sub B

Subrecord ID: Sub B
Color: Blue
Shape: Circle

Choice
② Wrong Choice
③ Invalid
Choice
Right Choice

②

Compression Icon Options

Icon	Link	Comp Rank
② <input type="checkbox"/> Record 1	Sub A	Sub G
Sub A	Sub B	Sub H
① Sub B	③ <input checked="" type="checkbox"/>	Sub I
Sub C	Sub J	Sub K
Record 2	Sub L	Sub L
Sub D	Sub M	Sub M
Sub E	Sub N	Sub N
Sub F	Sub O	Sub O
Sub G	Sub P	Sub P
Sub H	Sub Q	Sub Q
Sub I	Sub R	Sub R
Sub J	Sub S	Sub S
Sub K	Sub T	Sub T
Sub L	Sub U	Sub U
Sub M	Sub V	Sub V
③ Record 3	Sub W	Sub W
Record 4	Sub X	Sub X
Sub K	Sub Y	Sub Y
Sub L	Sub Z	Sub Z
Sub M	Sub A	Sub A
④ Record 5	Sub B	Sub B
Sub N	Sub C	Sub C
Sub O	Sub D	Sub D
Sub P	Sub E	Sub E
Sub Q	Sub F	Sub F
Sub R	Sub G	Sub G
Sub S	Sub H	Sub H
Sub T	Sub I	Sub I

Record 4
Sub B

Subrecord ID
Sub B
color
Blue
shape
Circle

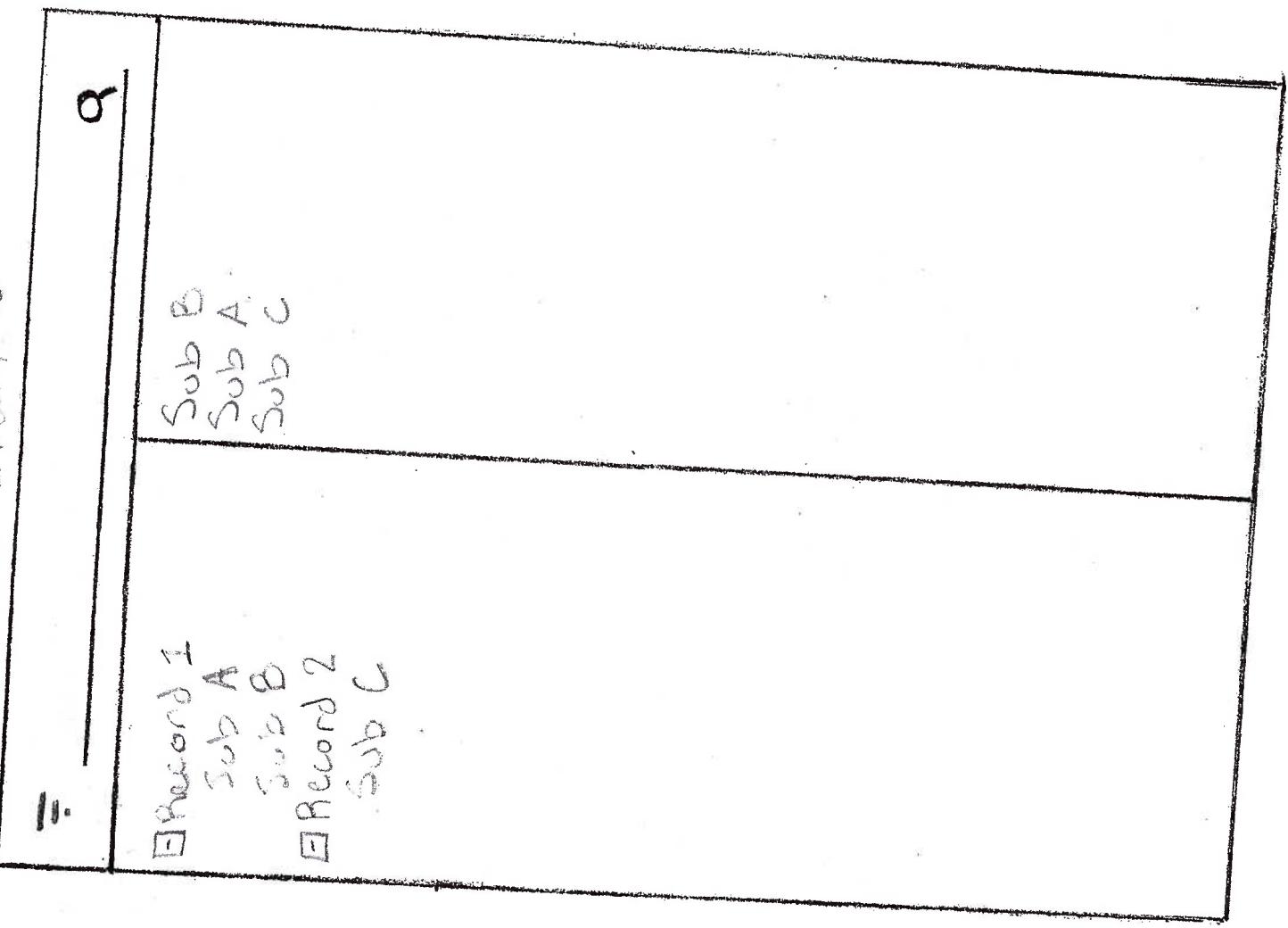
3	choice	choice
Sub AB	Sub AB	Sub AB
Sub AC	Sub AC	Sub AC
Sub AD	Sub AD	Sub AD

3	choice	choice
Sub AB	Sub AB	Sub AB
Sub AC	Sub AC	Sub AC
Sub AD	Sub AD	Sub AD

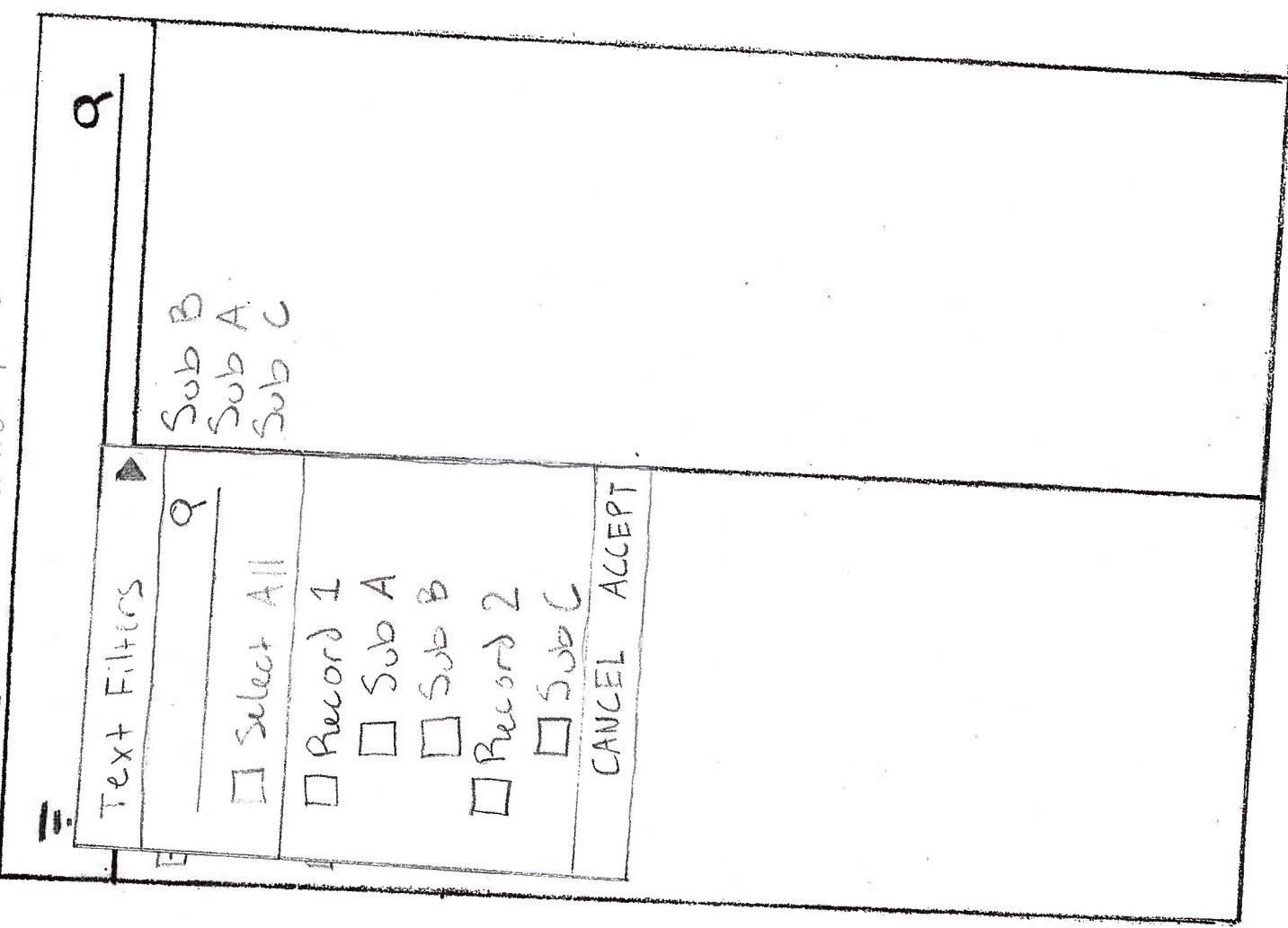
3

?

Filtering Menu Example



Filtering Menu Example



Basic Multi-Select Behavior : 2 Items

Q

Rank Inc.	Rank
Record 1	Sub AA
Sub AB	<input checked="" type="checkbox"/> Sub D
Sub AC	<input checked="" type="checkbox"/> Sub E
Sub AD	<input checked="" type="checkbox"/> Sub F
Sub AE	<input checked="" type="checkbox"/> Sub G
Record 2	Sub K
Sub BA	<input type="checkbox"/> Sub L
Sub BB	<input type="checkbox"/> Sub M
Sub BC	<input type="checkbox"/> Sub N
Sub BD	<input type="checkbox"/> Sub O
Sub BE	<input type="checkbox"/> Sub P
Record 3	Sub Z
Sub CA	<input type="checkbox"/> Sub AC
Sub CB	<input type="checkbox"/> Sub G
Sub CC	<input type="checkbox"/> Sub H
Record 4	Sub I
Record 5	Sub J
Record C	Sub R
Sub A	Sub S
Sub B	Sub T
Sub C	Sub V
	Sub Z

- Line break is at 50%
- Equal number of items above and below line break
- Selected items are at the top of each selection

- 50%

Basic Multi-Select Behavior : 3 Items

a

	Rank	Inc.	Rank
Record 1		Sub AA	1
Sub AB	↓1↑	Sub D	
Sub AC	↓50↑	Sub E	
Sub AD		Sub F	
Sub AE		Sub G	
Record 2		Sub K	
Sub BA		Sub J	
Sub BB	↓100↑	Sub ZA	-33%
Sub BC		Sub ZC	
Sub BD		Sub H	
Sub BE		Sub I	
Record 3		Sub Q	
Sub CA		Sub R	
Sub CB		Sub S	
Sub CC		Sub ZB	-66%
Record 4		Sub BB	100
Record 5		Sub ZC	
Record 6		Sub ZD	
Sub A		Sub ZE	
Sub B		Sub ZF	
Sub C		Sub ZG	

Basic Multi-Select Behavior on 4 Items

Q

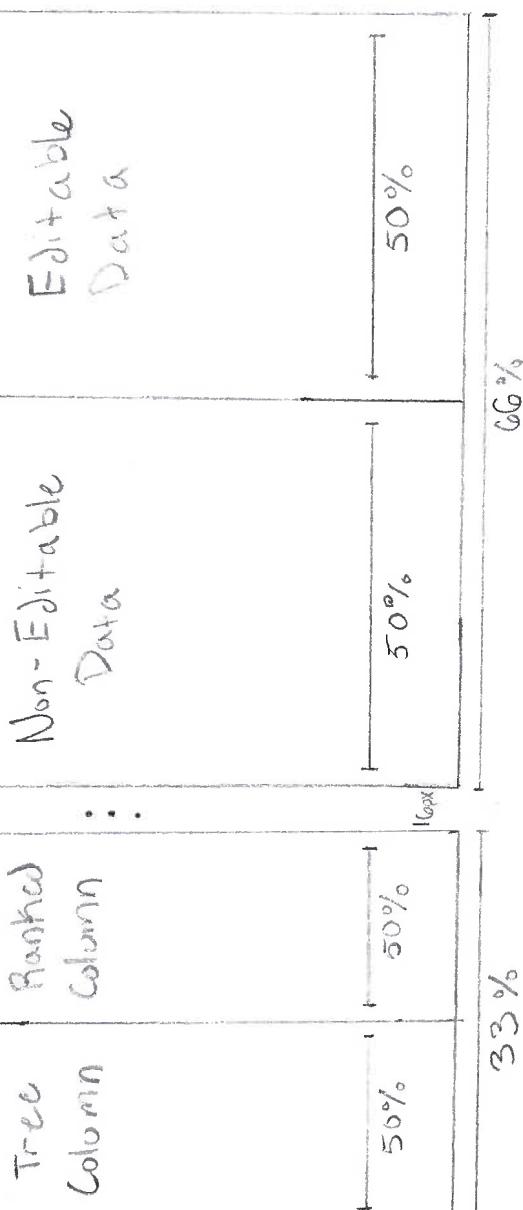
Rank	Inc.	Rank	Inc.
Record 1		Sub AA	1
Sub AB	↓↑ <input checked="" type="checkbox"/>	Sub D	
Sub AC	↓50↑ <input checked="" type="checkbox"/>	Sub E	
Sub AD		Sub F	
Sub AE		Sub TA	...
Record 2		Sub AC	50
Sub BA		Sub G	
Sub BB	↓100↑ <input checked="" type="checkbox"/>	Sub H	
Sub BC		Sub I	
Sub BD		Sub ZL	...
Sub BE		Sub CC	75
Record 3		Sub ZX	
Sub CA		Sub ZY	
Sub CB		Sub TZ	
Sub CC	↓75↑ <input checked="" type="checkbox"/>	Sub TB	...
Record 4		Sub BB	100
Record 5		Sub L	
Record 6		Sub M	
Sub A		Sub N	
Sub B		Sub O	
Sub C			

Basic Multi-Select Behavior: 5+ Items

a

- Upon selection of 5 or more items, all break points and other items fall away, leaving only the selected items.

	Print Inc.	Book
<input type="checkbox"/> Record 1	Sub AA	-
Sub AB	Sub BC	25
Sub AC	Sub AC	50
Sub AD	Sub CC	75
Sub AE	Sub BBB	100
<input type="checkbox"/> Record 2		
Sub BA	Sub BB	100↑ <input checked="" type="checkbox"/>
Sub BC	Sub BC	25↑ <input checked="" type="checkbox"/>
Sub BD	Sub BD	
Sub BE	Sub BE	
<input type="checkbox"/> Record 3	Sub CA	
Sub CB	Sub CC	175↑ <input checked="" type="checkbox"/>
<input type="checkbox"/> Record 4		
<input type="checkbox"/> Record 5		
<input type="checkbox"/> Record 6		
Sub A	Sub B	
Sub C		

Title	
Tree Column	<p>Ranked Column :</p>  <p>66%</p> <p>33%</p>

Defined Dimensions & Customizable Layout

- Users can click and drag the ":" between cards left or right to change the above card size ratios

Rank Number

always visible
 check box and arrows
 only appear on mouse-over or selected

a

	Rank Index	Rank
Record 1	4	4
Sub A	12	8 <input checked="" type="checkbox"/>
Sub B	12	8 <input checked="" type="checkbox"/>
Record 2	13	10
Sub D	1	9
Sub E	5	11
Record 3	3	13
Sub F	5	2
Sub G	3	3
Sub H	9	7
Sub I	10 <input checked="" type="checkbox"/>	12
Record 4	5	11
Sub J	7	2
Record 5	6	7
Sub K	2	7
Sub L	7	6
Sub M	6	

Both rank number
with arrows and
include check box
appear on mouse over
or selected.

a

	rank	name	rank
Record 1	rank 1	Sub D (Rec2)	
Sub A		Sub A (Rec1)	
<input checked="" type="checkbox"/> Sub B	↑ 8 ↑	<input checked="" type="checkbox"/> Sub F (Rec3)	
Sub C		Sub M (Rec5)	
Record 2		<input checked="" type="checkbox"/> Sub B (Rec1) 8/11	
Sub D		Sub H (Rec3)	
Sub E		Sub I (Rec3)	
Record 3		Sub J (Rec4)	
Sub F		Sub E (Rec2)	
Sub G		Sub K (Rec5)	
Sub H		Sub G (Rec3)	
Sub I	↑ 10 ↑	<input checked="" type="checkbox"/> Sub L (Rec5)	
Record 4		Sub C (Rec1)	
Sub J			
Record 5			
Sub K			
Sub L			
Sub M			

Ranked List Accordion Behavior

9

6

Record 1	Sub S	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z	Sub AA	Sub AB	Sub AC	Sub AD	Sub AE	Sub AF	Sub AG	Sub AH	Sub AJ	Sub AK	Sub AL	Sub BA	Sub BB
Record 2	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S
Record 3	Sub X	Sub Y	Sub Z	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub C	Sub D	Sub E	Sub F	Sub G	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub R
Record 4	Sub T	Sub U	Sub V	Sub W	Sub X	Sub Y	Sub Z	Sub AA	Sub AB	Sub AC	Sub AD	Sub AE	Sub AF	Sub AG	Sub AH	Sub AJ	Sub AK	Sub AL	Sub BA	Sub BB	Sub S
Record 5	Sub D	Sub BD	Sub C	Sub AK	Sub E	Sub AB	Sub S	Sub D	Sub E	Sub F	Sub G	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub T
Record 6	Sub B	Sub AB	Sub S	Sub D	Sub E	Sub F	Sub G	Sub H	Sub J	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub T	Sub U	Sub V	Sub W	Sub X

Q

<input type="checkbox"/> Record 1	Sub Y	Sub Z	Sub AT	Sub AU	Sub AV	Sub AW	Sub AX	Sub AY	Sub AZ	Sub BA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BK	Sub BL
<input type="checkbox"/> Record 2	Sub X	Sub Y	Sub Z	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BK	Sub BL	
<input type="checkbox"/> Record 3	Sub Y	Sub Z	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BK	Sub BL		
<input type="checkbox"/> Record 4	Sub Z	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BK	Sub BL			
<input type="checkbox"/> Record 5	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BK	Sub BL				
<input type="checkbox"/> Record 6	Sub E	Sub F	Sub G	Sub H	Sub I	Sub J	Sub K	Sub L	Sub M	Sub N	Sub O	Sub P	Sub Q	Sub R	Sub S	Sub T	Sub U	Sub V	Sub W		
<input type="checkbox"/> Record 7	Sub AB	Sub AC	Sub AD	Sub AE	Sub AF	Sub AG	Sub AH	Sub AI	Sub AJ	Sub AK	Sub AL	Sub AM	Sub AN	Sub AO	Sub AP	Sub AR	Sub AS	Sub AT	Sub AU	Sub AV	

Click-and-Drag With Top & Bottom Drop-Points

Q	
Drop to Include	
Record 1	Sub J
Sub X	Sub T
Sub Y	Sub U
Sub Z	Sub V
Record 2	Sub W
Sub G	Sub Z
Sub I	Sub X
Sub AM	Sub Y
Sub BG	Sub Z
Sub K	Sub AA
Sub AA	Sub AB
Record 3	Sub AC
Record 4	Sub AD
Record 5	Sub AE
Sub BD	Sub AF
Sub S	Sub AG
Sub AK	Sub AH
Sub E	Sub AI
Record 6	Sub AJ
Sub AB	Sub AK
Sub L	Sub AL
Drop to Exclude	

Include Drop Point: Subrecord dropped here is included and is placed at its rank in the included section.

As a subrecord is dragged up & down, a highlighted line follows along showing where in the list order it will be dropped. When dropped this way, its rank (and the rank of sub's below it) will change along with a possible include/exclude change.

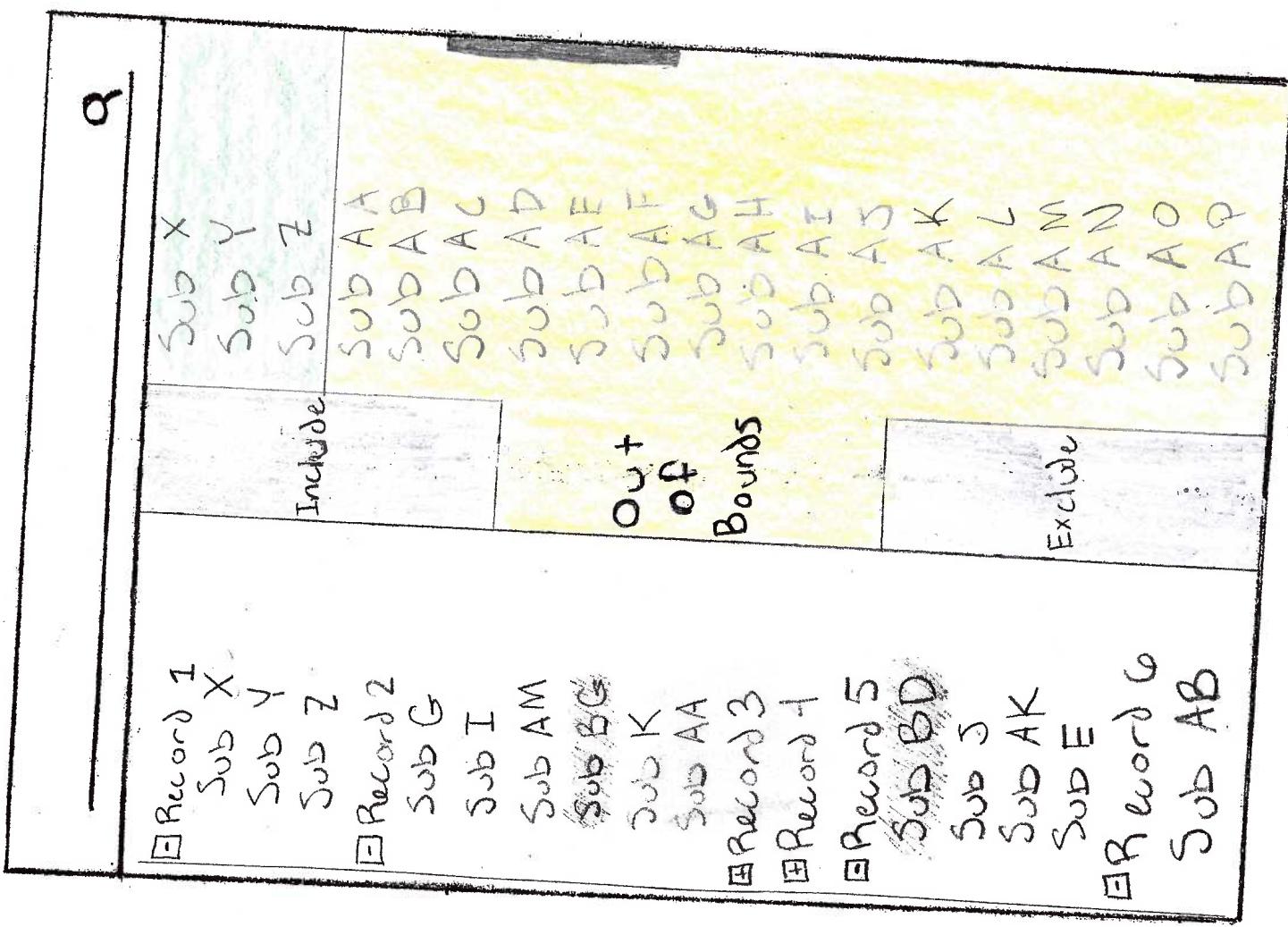
When subrecord is picked up, original placement is grayed out.
Exclude Drop Point: Subrecord is excluded and placed in the exclude section at same rank.

Scrolling/Drop-Point Option

Q	
<input type="checkbox"/> Record 1	Sub A
	Sub B
	Sub C
	Sub D
Include	Sub E
	Sub F
	Sub G
	Sub H
	Sub I
	Sub J
	Sub K
	Sub L
	Sub M
	Sub N
	Sub O
	Sub P
	Sub Q
	Sub R
	Sub S
	Sub T
<input type="checkbox"/> Record 2	Sub X
	Sub Y
	Sub Z
<input type="checkbox"/> Record 3	Sub AM
	Sub BG
	Sub K
	Sub AA
<input type="checkbox"/> Record 4	Sub BC
	Sub K
	Sub AA
<input type="checkbox"/> Record 5	Sub AM
	Sub BD
	Sub J
	Sub AK
	Sub E
<input type="checkbox"/> Record 6	Sub BC
	Sub AB

- "Include/Out of Bounds"
- "Exclude" tabs can be used as drop points for click-and-drag functionality.
- These also show the user what section is currently taking up most of the viewing area. The coloring/highlight will change as a user scrolls

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Record 1	Sub X	Sub Y	Sub Z	Record 2	Sub G	Sub I	Sub AM	Sub BG	Sub K	Sub AA	Record 3	Record 4	Record 5	Sub BD	Sub J	Sub AK	Sub E	R Record 6	Sub AB
<input type="checkbox"/>	Sub AX	Sub AY	Sub AZ	<input checked="" type="checkbox"/> Include	Sub BA	Sub BB	Sub BC	Sub BD	Sub BE	Sub BF	Sub BG	Sub BH	Sub BI	Sub BJ	Sub BN	Sub BO	Sub BP	Sub BQ	Sub BR
<input type="checkbox"/>	Sub YX	Sub YY	Sub YZ		Sub CB	Sub CC	Sub CD	Sub CB	Sub CB	Sub CF	Sub CG	Sub CH	Sub CJ	Sub CB	Sub CB				
<input type="checkbox"/>	Sub ZX	Sub YY	Sub ZY		Sub DB	Sub DC	Sub DA	Sub DB	Sub DB	Sub DF	Sub DG	Sub DH	Sub DJ	Sub DB	Sub DB				
<input type="checkbox"/>	Sub YZ	Sub YY	Sub ZY		Sub CB	Sub CB	Sub CB	Sub CB	Sub CB	Sub CG	Sub CG	Sub CH	Sub CJ	Sub CB	Sub CB				
<input type="checkbox"/>	Sub AY	Sub YY	Sub YZ		Sub CB	Sub CB	Sub CB	Sub CB	Sub CB	Sub CG	Sub CG	Sub CH	Sub CJ	Sub CB	Sub CB				
<input type="checkbox"/>	Sub AZ	Sub YY	Sub ZY		Sub CB	Sub CB	Sub CB	Sub CB	Sub CB	Sub CG	Sub CG	Sub CH	Sub CJ	Sub CB	Sub CB				
<input type="checkbox"/>	Sub AX	Sub YY	Sub ZY		Out of Bounds													Exclude	