A DESIGN SYSTEM SUMMARY

Context

The Hospital for Special Surgery asked for a solution to an opportunity they have to optimize the time between patient and doctor.

Doctors and patients get about 15 minutes together to ask each other questions and talk through solutions to medical issues. Much of the content discussed between patient and doctor does not have to happen in person.

A technology solution can help make this meeting more useful if it accomplishes the following goals:

- Engages the patient before their meeting with a doctor to inform them about potential medical procedures that fit the patient.
- Engages the doctor before meeting with the patient so that they are informed about the patient's state.

Considering these goals, we have three persona's that the technology will need to cater to:

- Patients
- Doctors
- Administrators

The Administrator persona will be the hospital staff that is responsible for using the final solution to maintain doctor and patient lists as well as the content delivered to patients and doctors.

The Work

This document is a summary of the design system deliverable for the client. This design system is used to build all of the UI's for the Patient, Doctor and Administrator personas.

TYPOGRAPHY

Muli

Primary #000000 86% Opacity

Primary #FFFFFF 86% Opacity

Display 1 - 2.25em

Headline 2 - 1.5em

Headline 2 - 1.5em

Title - 1.3125em

Subheading - 1.125em

* Body 1 - 16px (Base font size) - 1em

Body 2 - 1em

Small 1 - 0.875em

Small 2 - 0.75em

Small 3 - 0.6875em

Default line-height = 135%

Display 1

Headline 1

Headline 2

Title

Subheading

Body 1

Body 2

Small 1 - 0.875em

Small 2 - 0.75em

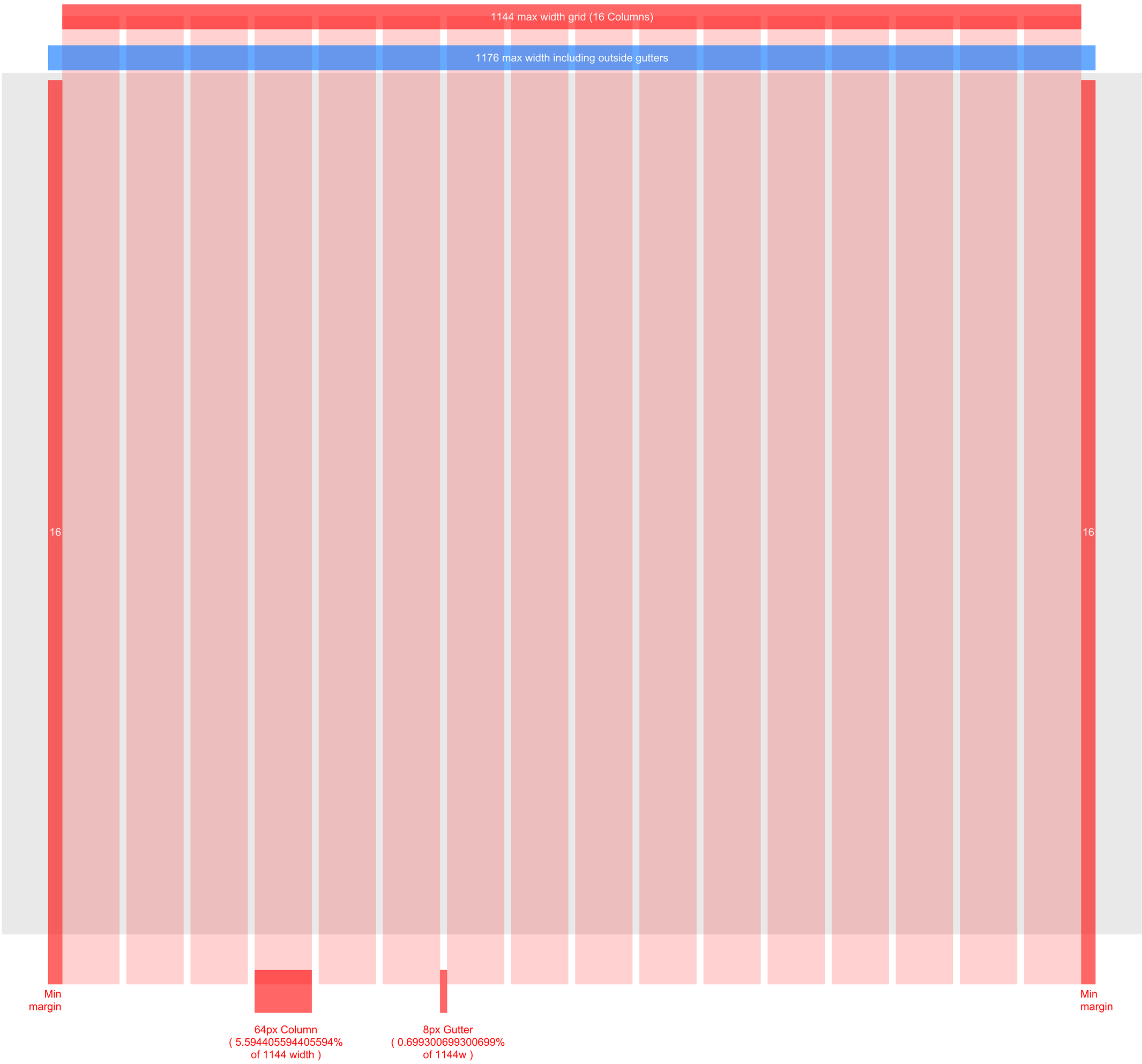
Small 3 - 0.6875em

Default line-height = 135%

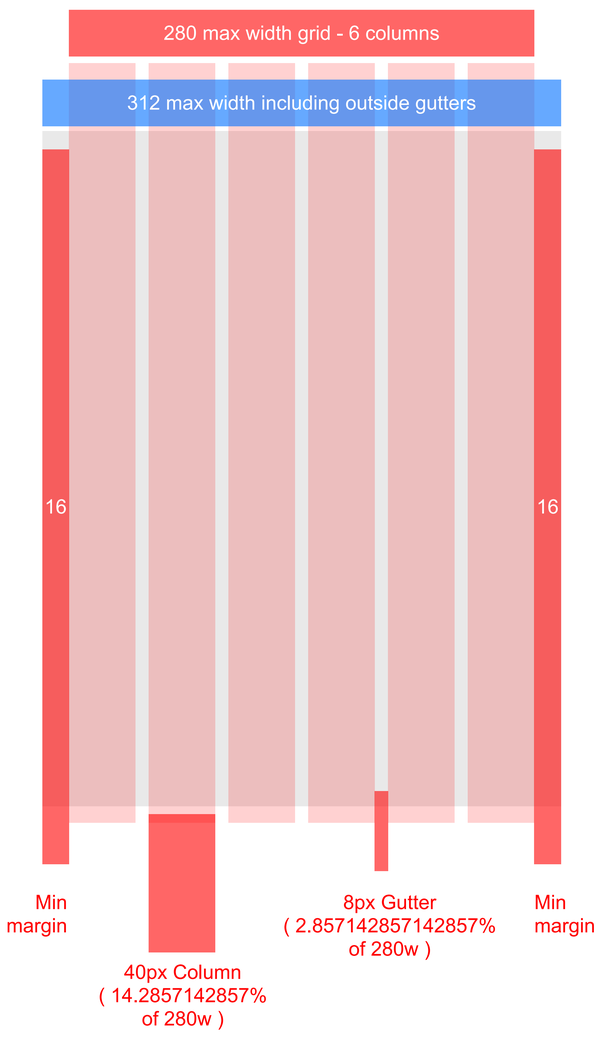
COLORS

Blue #0088CE	Sapphire Blue #0058A8	Light Sea Green #28AFB0	Green Lizard #C3F73A
Stil De Grain Yellow #F4D35E	Portland Orange #F46036	White #FFFFFF	Black #000000

GRID - LARGE


1144 max width grid (16 Columns)
1176 max width including outside gutters
16
16
Min margin
Min margin
64px Column
(5.594405594405594%
of 1144 width)
8px Gutter
(0.699300699300699%
of 1144w)

GRID - SMALL


280 max width grid - 6 columns
312 max width including outside gutters
16
16
Min margin
40px Column (14.2857142857% of 280w)
8px Gutter (2.857142857142857% of 280w)
Min margin

BUTTONS

PRIMARY BUTTON

Default

Label

Body 1 Black

Center Vertically and Horizontally

Label

48

Global Default Button States

Normal

Hover — #000 8% Overlay

Selected — #F4D35E

Disabled — 30% Opacity

HISTORY BACK NAVIGATION

Default

#FFF Opacity 30%

States - Hover

#FFF Opacity 50%

OTHER BUTTONS

Default

Label

Body 1 Black

16px

Label

48

Variations

Button #1

Button #2

Button #3

Button #4

Button #5

Button #6

Variations - Hover State Examples Based on Global Definitions of #000 8% Overlay

Button #1

Button #2

Button #3

Button #4

Button #5

Button #6

HEADER

HSS Personalized Health Management

HSS Personalized Health Management 56
229

FOOTER

24 questions remaining

Text: Subheading Black
Body 1 Black
24 questions remaining
290
56
Centered Horizontally

SINGLE SELECTION WITH LABEL

Accomplishing less than you would like.

- No, none of the time
- Yes, a little of the time
- Yes, some of the time
- Yes, most of the time
- Yes, all of the time

Accomplishing less than you would like. — Subheading Black

Hover
- No, none of the time
- Yes, a little of the time

Hover
- Yes, some of the time
- Yes, most of the time
- Yes, all of the time — Body 1 Black

48

MULTI SELECTION - WITH LABEL

What type of pain

- Throbbing
- Radiating
- Dull
- Catching/Locking
- Swelling/Stiffness

What type of pain — Subheading Black

Hover
- Throbbing
- Radiating

Hover
- Dull
- Catching/Locking
- Swelling/Stiffness — Body 1 Black

48

INPUTS AND SELECTORS

Free Text - Single

Text here

Hover
Text here
Layout Dependent
48

Free Text - Multi-line

Text

Hover
Text
Layout Dependent

Number Input

82

Center Vertically and Horizontally
82
Hover
48

Dropdown

Dropdown Label

Hover
Dropdown Label
48

Number Input with Dropdown

82 Dropdown Label

82 Dropdown Label
Hover

Date input

Month Select

Day Select

Year Select

SCALES

Slider with Labels

5 years
0 Years
10 Years

5 years
Hover
Middle Size
Max
Min
Hover

Single Row Rating Scale

0 1 2 3 4 5 6 7 8 9 10
No Pain
Optional Center Label
Worst Pain Imaginable

Selected state
0 1 2 3 4 5 6 7 8 9 10
No Pain
Optional Center Label
Worst Pain Imaginable

Center Vertically and Horizontally
0 1 2 3 4 5 6 7 8 9 10
No Pain
Optional Center Label
Worst Pain Imaginable
48

Vertical Rating Scale

Question text here?

- Excellent
- Very Good
- Good
- Fair
- Poor

VALIDATION

Label

Value

Label

Value

Required value

Label

Value

We highly recommend you answer this question.

Accomplishing less than you would like.

- No, none of the time
- Yes, a little of the time
- Yes, some of the time
- Yes, most of the time
- Yes, all of the time

Accomplishing less than you would like.

- No, none of the time
- Yes, a little of the time
- Yes, some of the time
- Yes, most of the time
- Yes, all of the time

Required value

Accomplishing less than you would like.

- No, none of the time
- Yes, a little of the time
- Yes, some of the time
- Yes, most of the time
- Yes, all of the time

We highly recommend you answer this question.

0	1	2	3	4	5	6	7	8	9	10

No Pain — Optional Center Label — Worst Pain Imaginable

0	1	2	3	4	5	6	7	8	9	10

No Pain — Optional Center Label — Worst Pain Imaginable

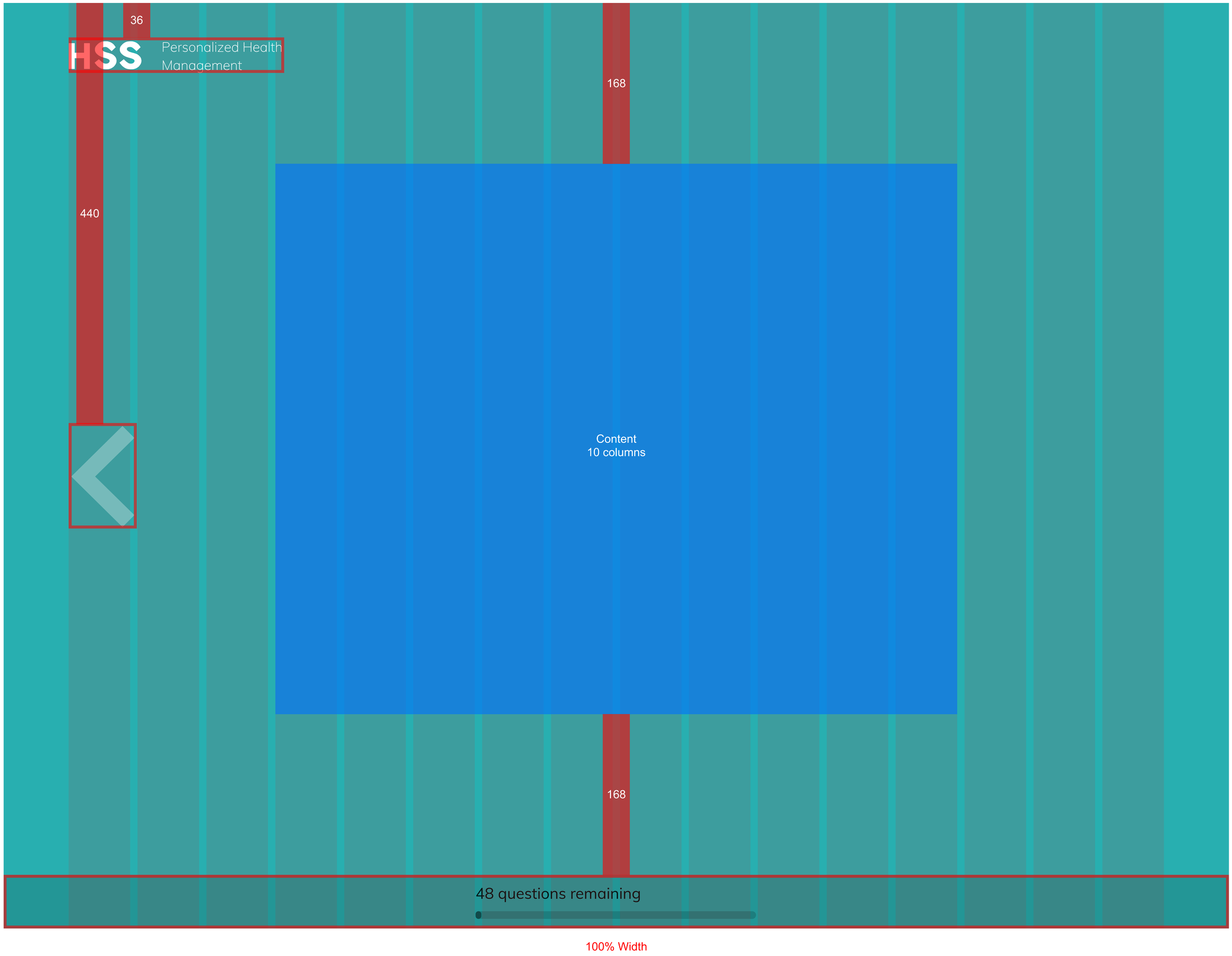
Required value

0	1	2	3	4	5	6	7	8	9	10

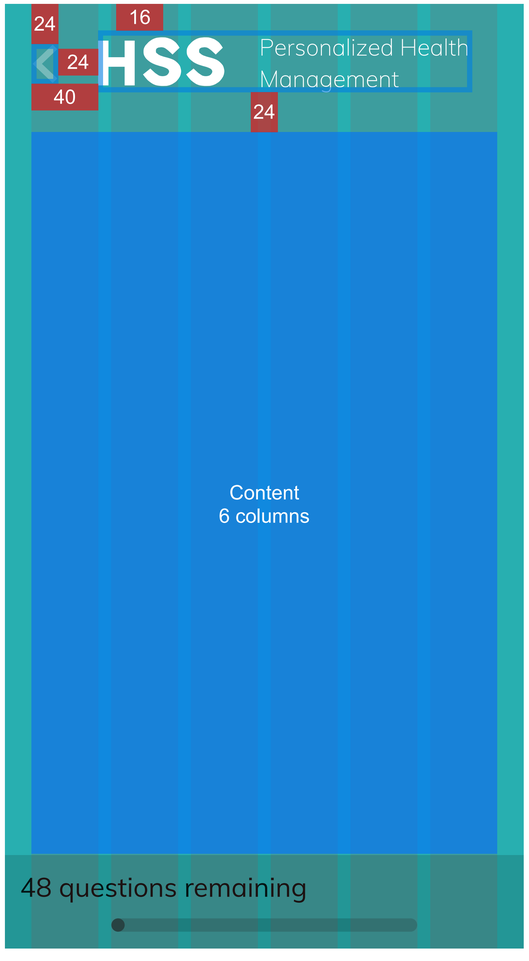
No Pain — Optional Center Label — Worst Pain Imaginable

Soft required value

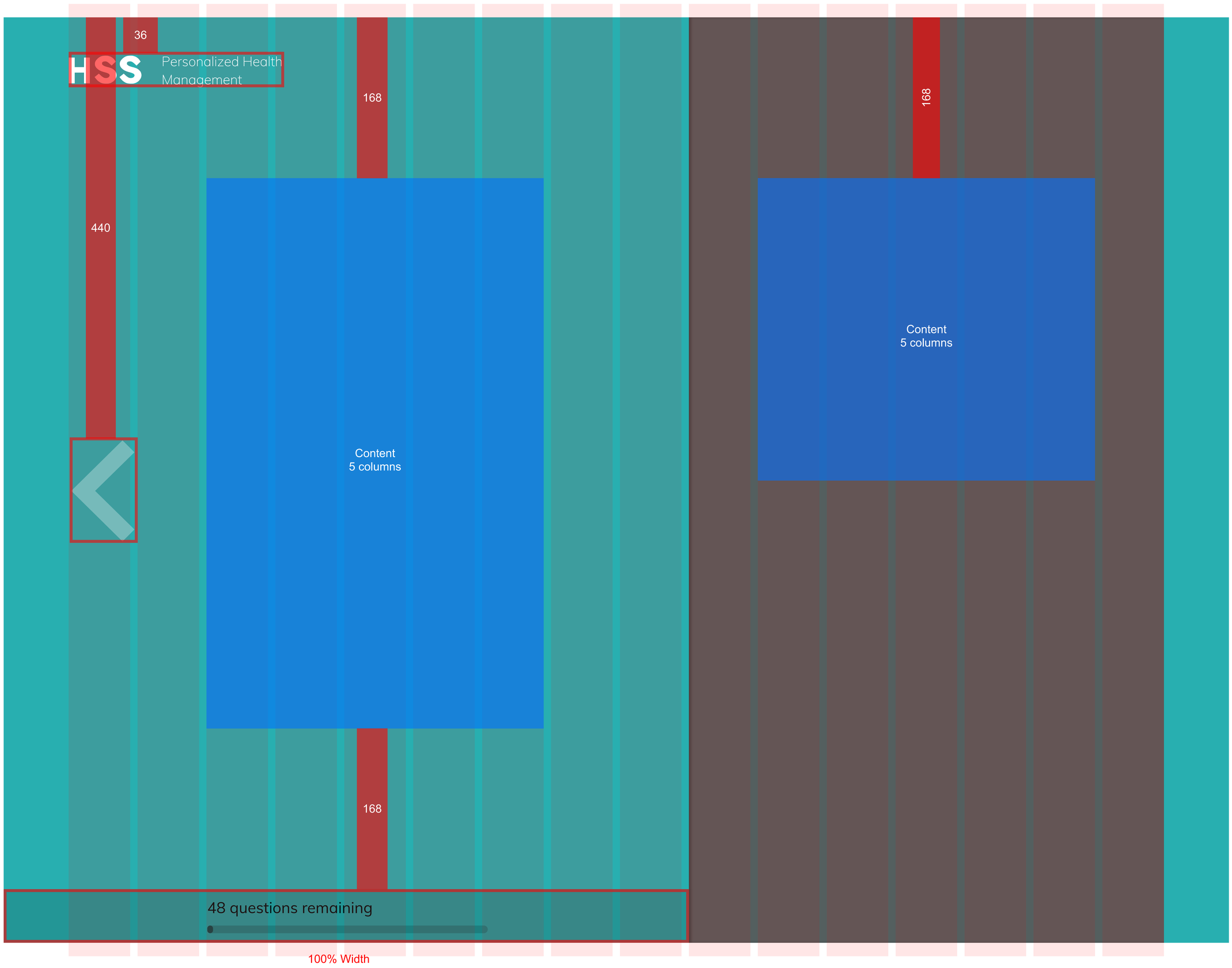
TEMPLATE 1 - LARGE - 1 COLUMN



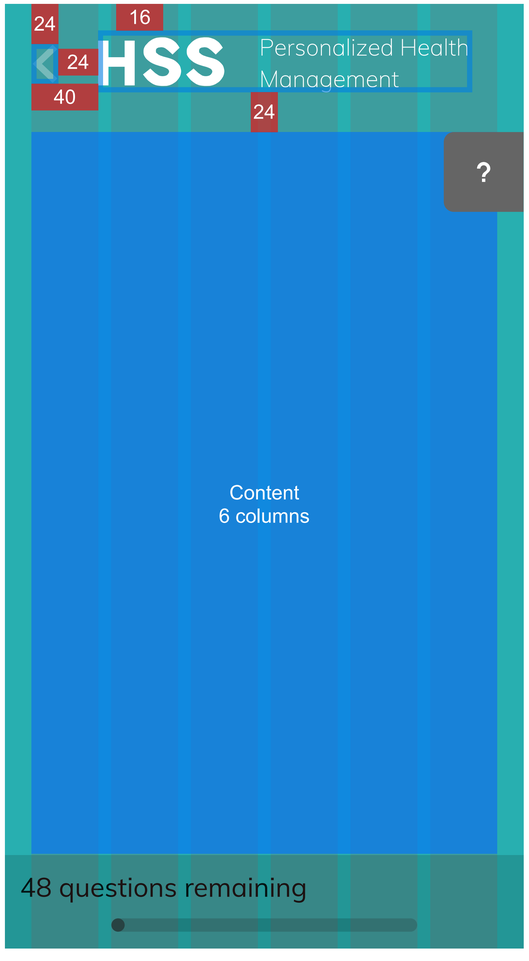
TEMPLATE 1 - SMALL - 1 COLUMN

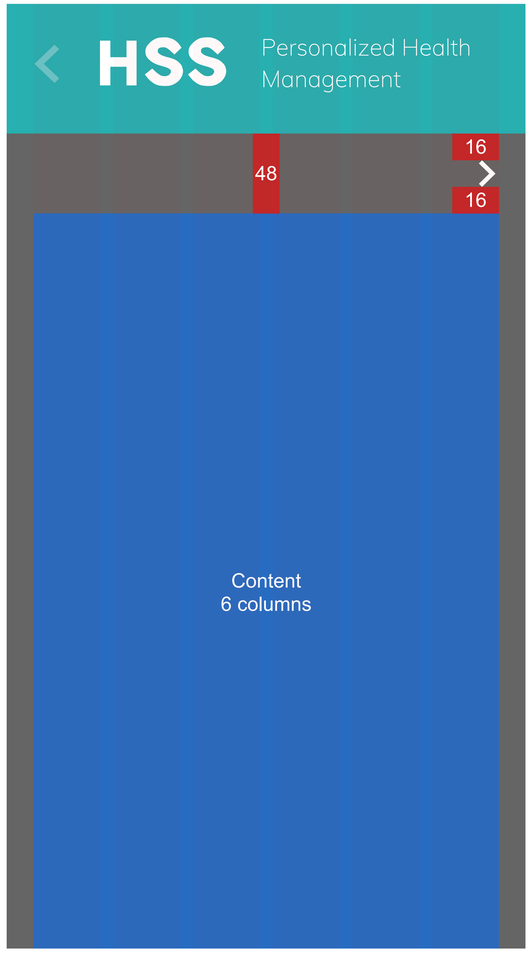


TEMPLATE 2 - LARGE - 2 COLUMN



TEMPLATE 2 - SMALL





SURVEY UI EXAMPLES

PAGE EXAMPLE - LARGE - 2 COLUMN

HSS Personalized Health Management

How severe is your knee stiffness after first wakening in the morning?

- ○ None
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Extreme

37 questions remaining

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

PAGE EXAMPLE - 2 COLUMN - 858PX BREAKPOINT

HSS Personalized Health Management

Function, daily living:

The following questions are about your physical function. By this we mean your ability to move around and to look after yourself. For each of the following activities, please indicate the degree of difficulty you have experience in the last week due to your knee.

Rising from sitting:

- None
- Mild
- Moderate
- Severe
- Extreme

Bending to floor/ pick up an object:

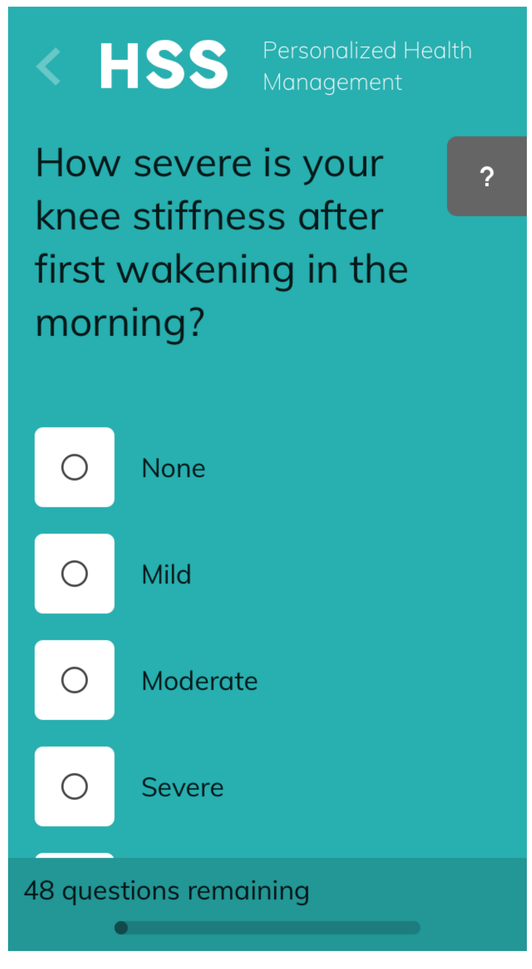
- None
- Mild
- Moderate
- Severe

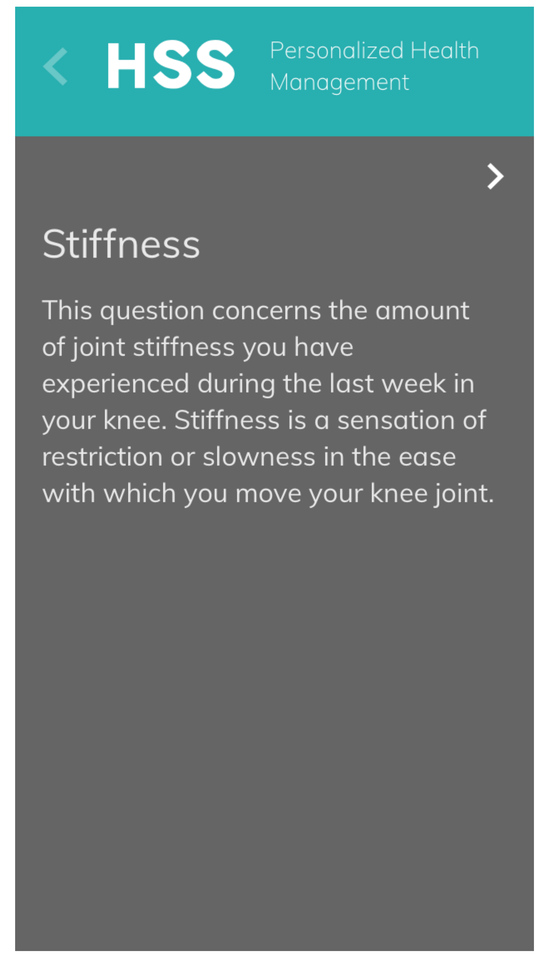
31 questions remaining

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

PAGE EXAMPLE - 2 COLUMN - SMALL





PAGE EXAMPLE - 1 COLUMN

HSS Personalized Health Management

Function, daily living:

The following questions are about your physical function. By this we mean your ability to move around and to look after yourself. For each of the following activities, please indicate the degree of difficulty you have experience in the last week due to your knee.

Rising from sitting:

- ○ None
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Extreme

Bending to floor/ pick up an object:

- ○ None
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Extreme

31 questions remaining

PAGE EXAMPLE - 1 COLUMN - 858PX BREAKPOINT

HSS Personalized Health Management

Function, daily living:

The following questions are about your physical function. By this we mean your ability to move around and to look after yourself. For each of the following activities, please indicate the degree of difficulty you have experience in the last week due to your knee.

Rising from sitting:

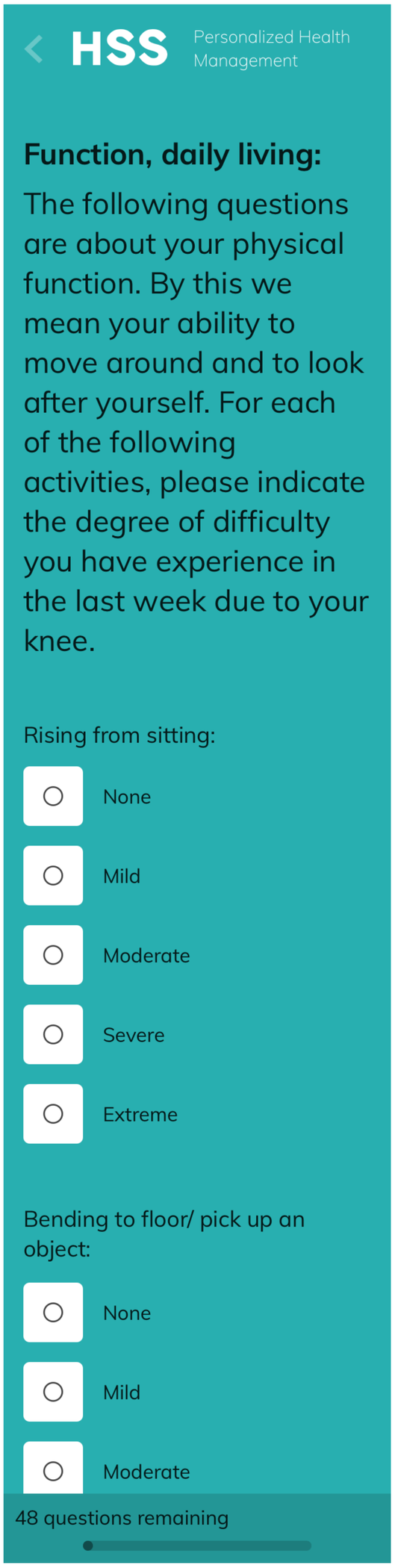
- ○ None
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Extreme

Bending to floor/ pick up an object:

- ○ None
- ○ Mild
- ○ Moderate
- ○ Severe
- ○ Extreme

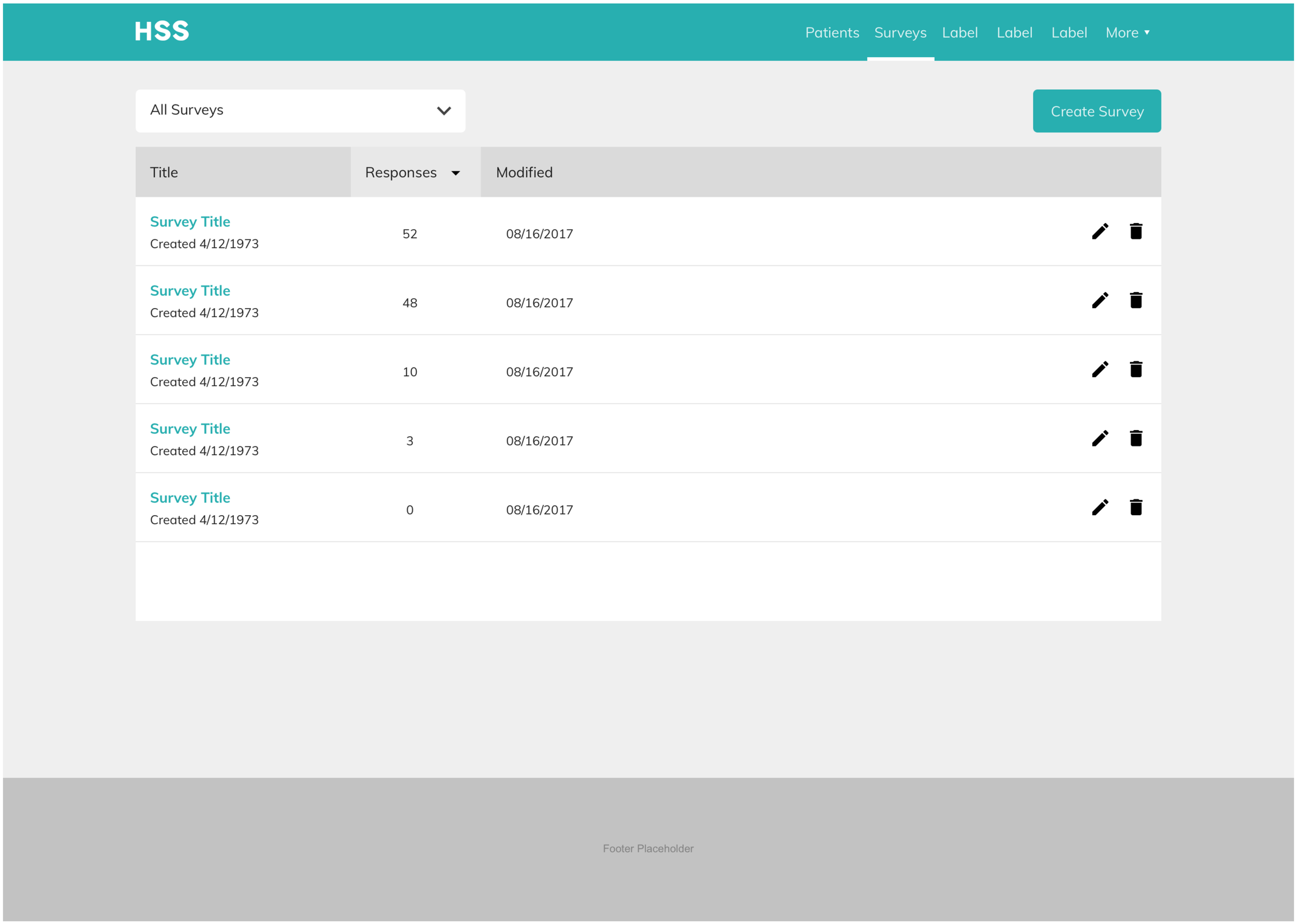
31 questions remaining

PAGE EXAMPLE - 1 COLUMN - SMALL

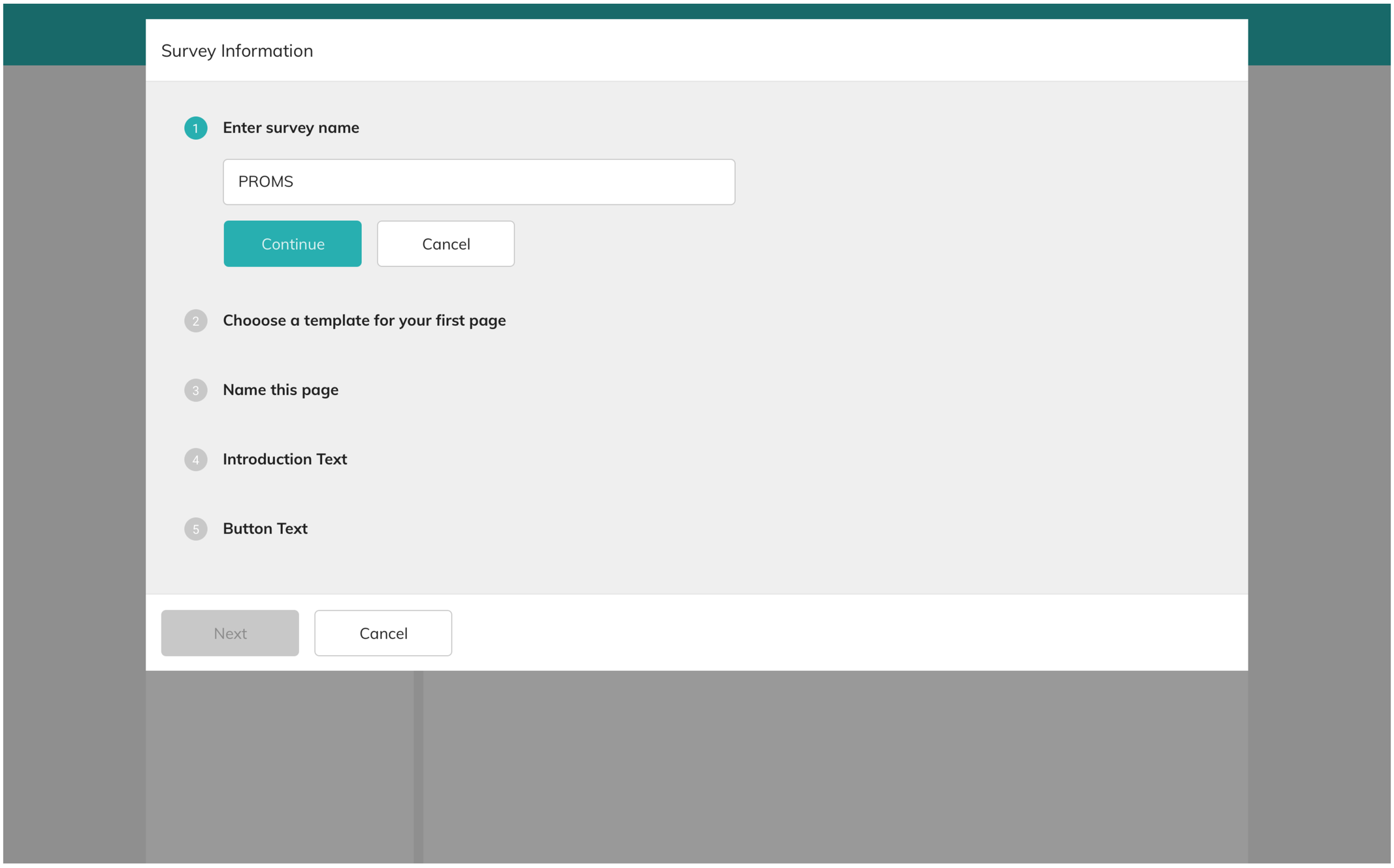


ADMIN UI EXAMPLES

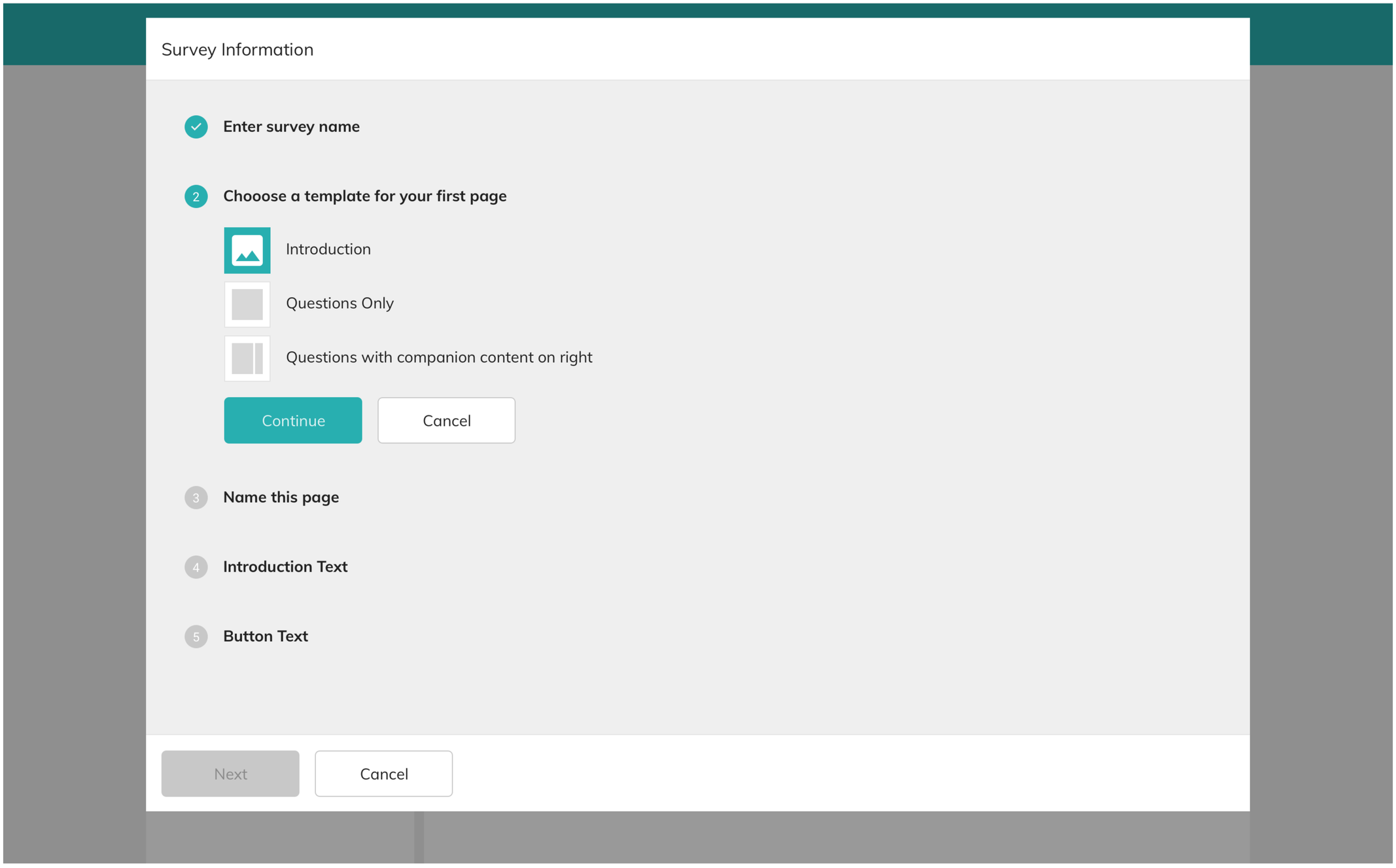
ADMIN UI - SURVEY LIST



ADMIN UI - CREATE SURVEY - STEP 1



ADMIN UI - CREATE SURVEY - STEP 2



ADMIN COMPONENT INTERACTIONS

ANSWER CHOICES - ADDING / REMOVING

1. Default is Focused
- Hint text with actions

3 Answer choices

Add an answer... | Add | ×

2. Text typed

3 Answer choices

BMW | Add | ×

3. Clicked 'Add' from number 2 - empty field appears

3 Answer choices

BMW

Add an answer... | Add | ×

Clicked X (Remove) OR clicked outside of text field from number 3

3 Answer choices

BMW

Add an answer

ANSWER CHOICES - REORDERING

Default

3 Answer choices

BMW

Mercedes

Jeep

Honda

Add an answer... | Add | ×

Hovering

3 Answer choices

BMW

Text

Hold mouse down to drag

Click to edit and focus the field for editing AND show actions Add and Delete

Jeep

Honda

Add an answer... | Add | ×

Drag to reorder

3 Answer choices

BMW

Text

Drag to reorder

Honda

Add an answer... | Add | ×

COMPANION CONTENT

Page Information

- Name this page
- Introduction Text
- Choose a template
- Companion Content

1. Choose item type

Companion Content

Choose an item to add

Text
Image
Video

1a. Choose Text

Companion Content

Text

Title

Hint Text

Description

Hint Text

B I U

Add

1b. Text added
(choose another item)

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Choose an item to add

2a. Choose image

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Add an image

Title

Hint Text

Upload an image

Upload an image

2b. Image added
(choose another item)

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Image Item

My Great Image Title

thumbnail preview

Choose an item to add

3a. Choose Video

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Image Item

My Great Image Title

thumbnail preview

Video

Title

Hint Text

URL

Paste in the link to the video

3b. Video Added
(choose another item)

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Image Item

My Great Image Title

thumbnail preview

Video Item

My Great Video Title

mygreatVideoURL.com/1234q3543145234523423 45

Choose an item to add

Hovering/editing

Companion Content

Text Item

Stiffness

This question concerns the amount of joint stiffness you have experienced during the last week in your knee. Stiffness is a sensation of restriction or slowness in the ease with which you move your knee joint.

Image Item

My Great Image Title

thumbnail preview

Hold mouse down to drag for reordering

Click to edit the section AND show actions Add and Delete

Video Item

My Great Video Title

mygreatVideoURL.com/1234q3543145234523423 45

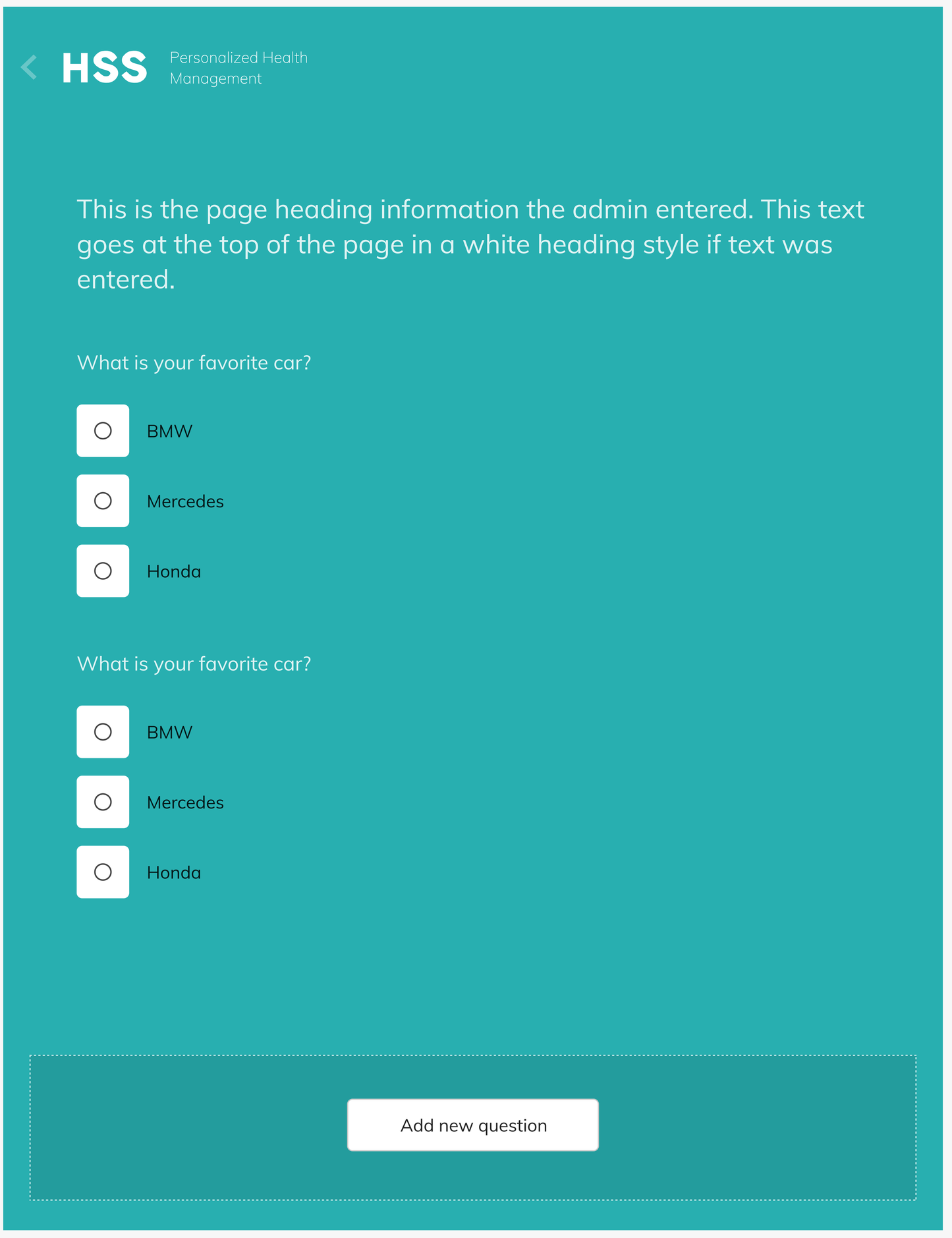
Choose an item to add

Restrictions: if companion content is just text, max length

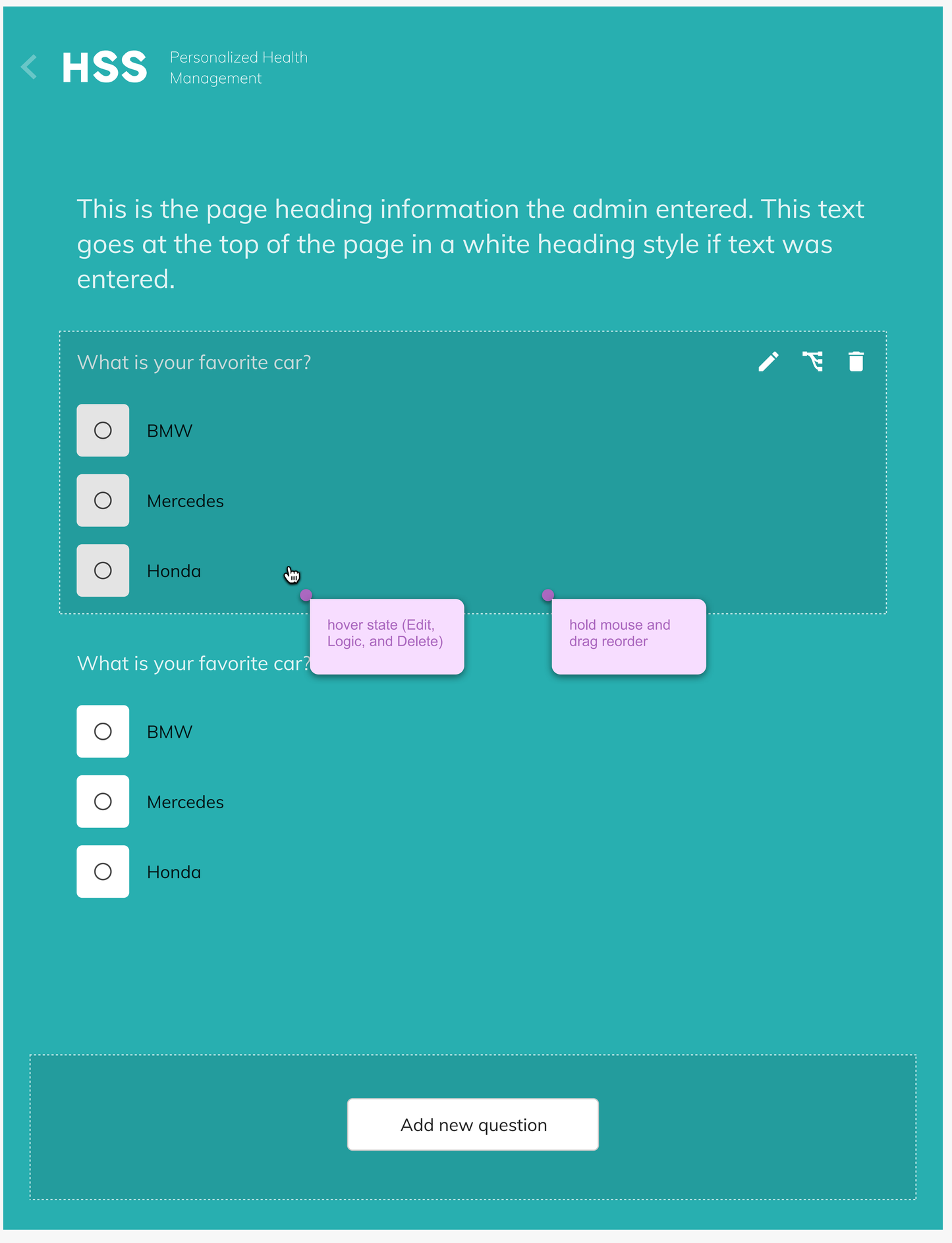
Restrictions: if it's text plus any other media, then text length gets smaller

EDITING QUESTIONS ON PAGES

Default

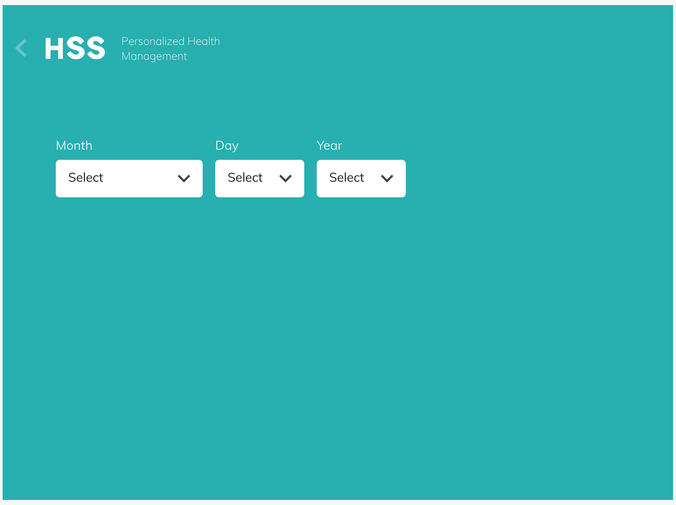


Hover

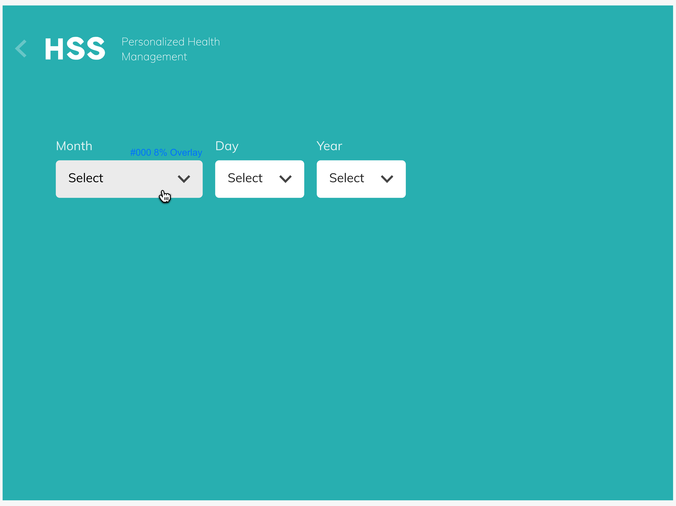


DATE PICKER INTERACTIONS

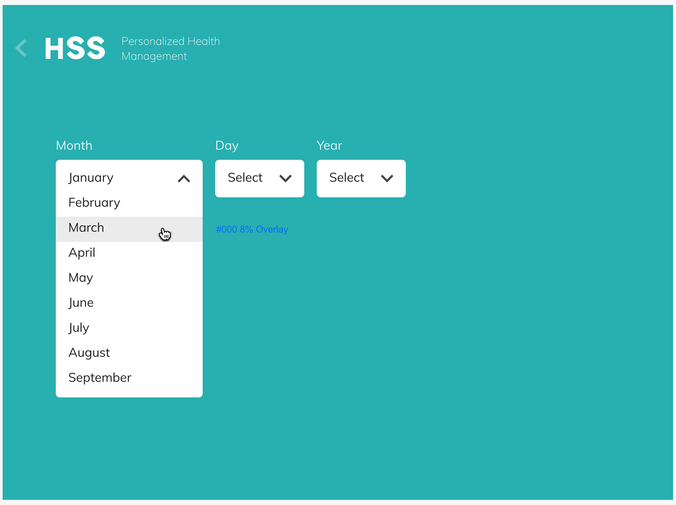
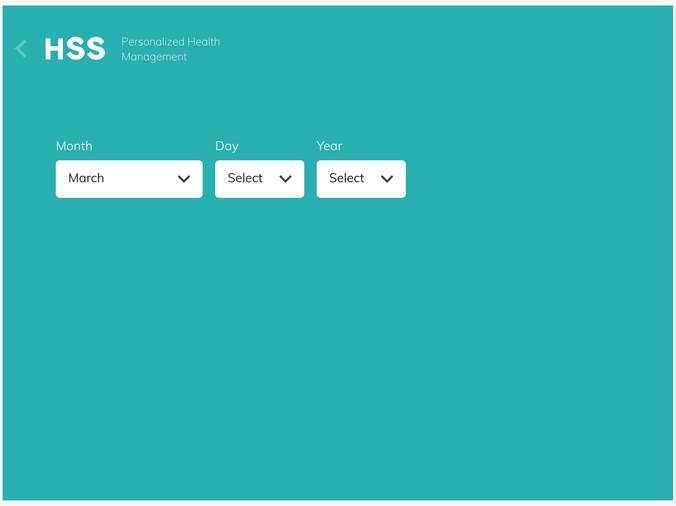
Initial State



Hover



Menu open



Item selected