

Applying UI/UX Best Practices for Web Surveys

Prepared for FedCASIC 2019

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About RTI International



Agenda

1

OVERVIEW

- Why?
- How?

2

FEATURES

- Best practices
- Common question types
- Mobile

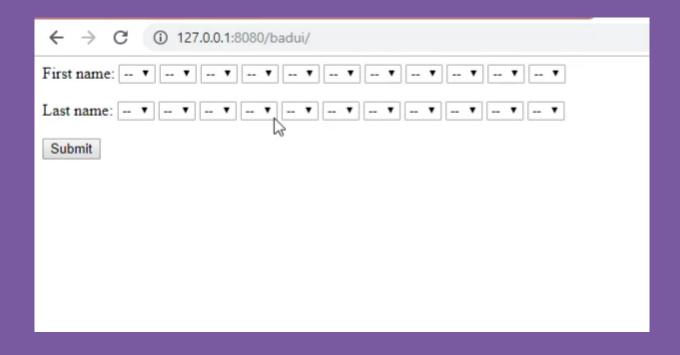
3

CONCLUSION

- Getting started
- Resources

WHY A TEMPLATE?

Everyone hates bad User Interfaces. We wanted to standardize our surveys with best practices.





WHY A TEMPLATE?

Frequent need for "personalized" survey branding

Many different people working on survey creation

People working on survey creation may not have in-depth knowledge of front end web languages (HTML, CSS, JS)

Time saving

```
.navbar-inverse .navbar-nav>lı>a l
  padding: 30px 10px;
.navbar-inverse.smaller .navbar-nav>li>
  padding: 20px 10px;
.navbar-inverse .navbar-nav>li {
  padding-right: 0;
#slitSlider .carousel-caption h2 {
  font-size: 50px;
-dots {
display: block;
-arrows {
display: none;
n-box {
rgin: 0 auto;
dth: 60%;
ut-content {
rgin: 0 auto 40px;
dding: 0;
dth: 60%;
-item {
rgin: 0 auto 35px;
xt-align: center;
dth: 50%;
```

WHAT'S IT MADE OF?

Mostly a single Cascading Style Sheet (CSS) file

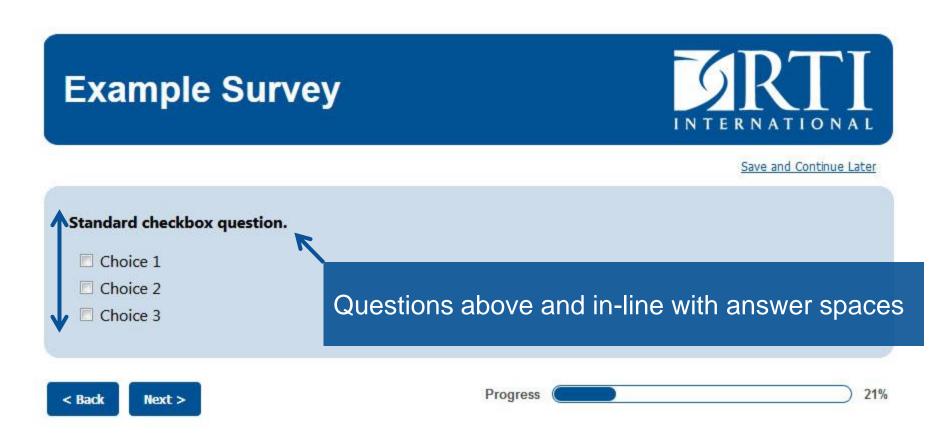
Some JavaScript

Made to be easily modifiable

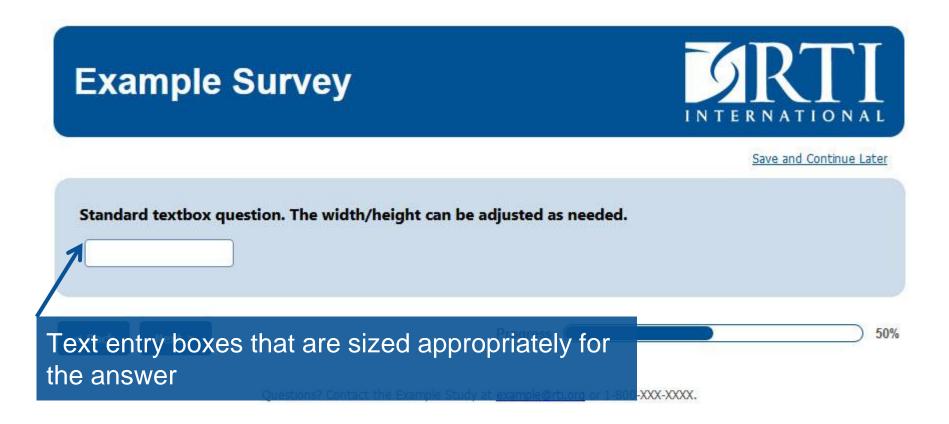
SO WHAT DOES IT LOOK LIKE?



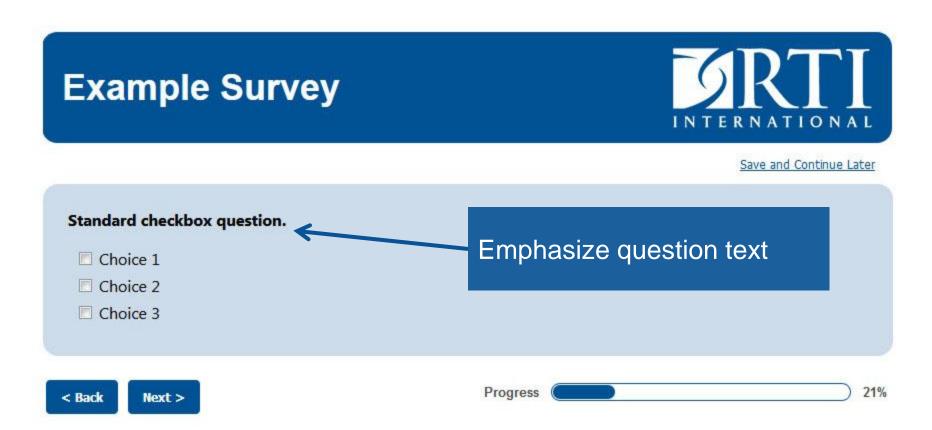
GENERAL WEB SURVEY BEST PRACTICES



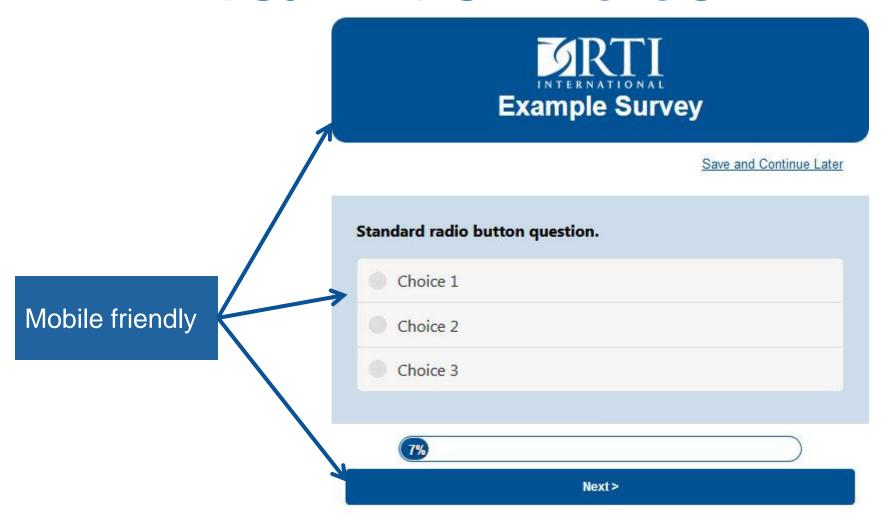
GENERAL WEB SURVEY BEST PRACTICES



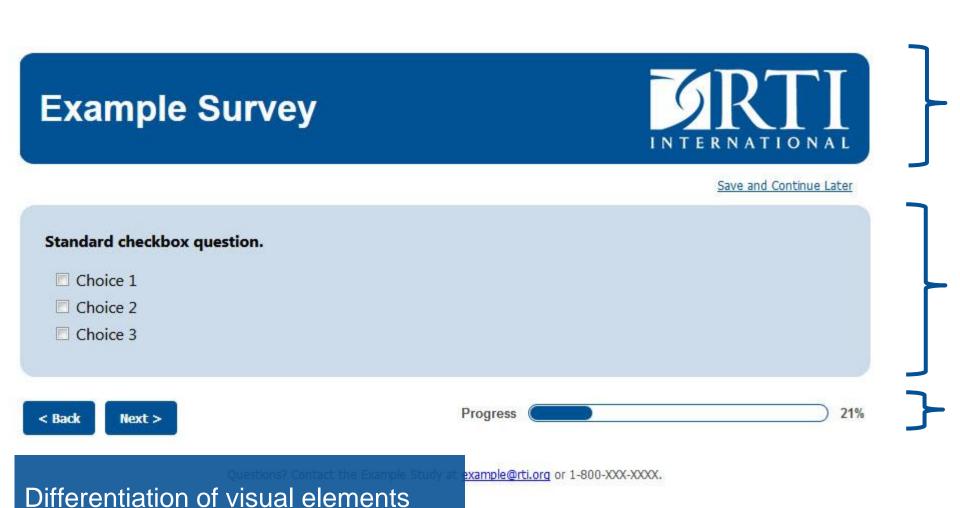
GENERAL WEB SURVEY BEST PRACTICES



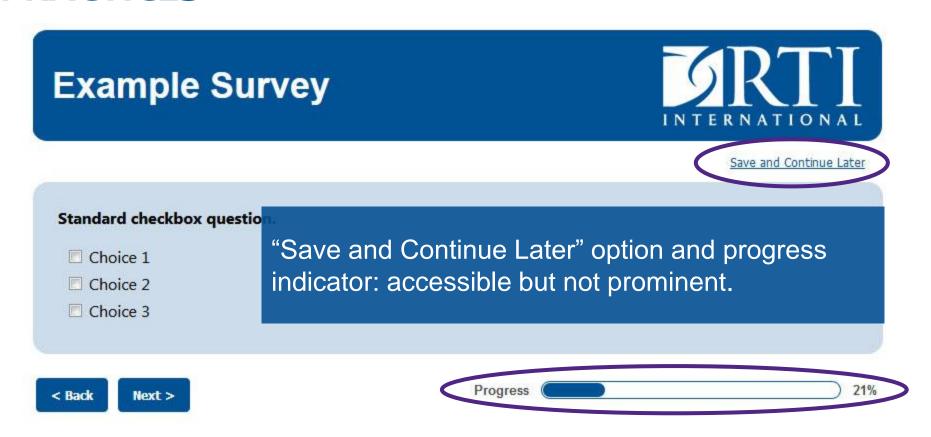
GENERAL WEB SURVEY BEST PRACTICES



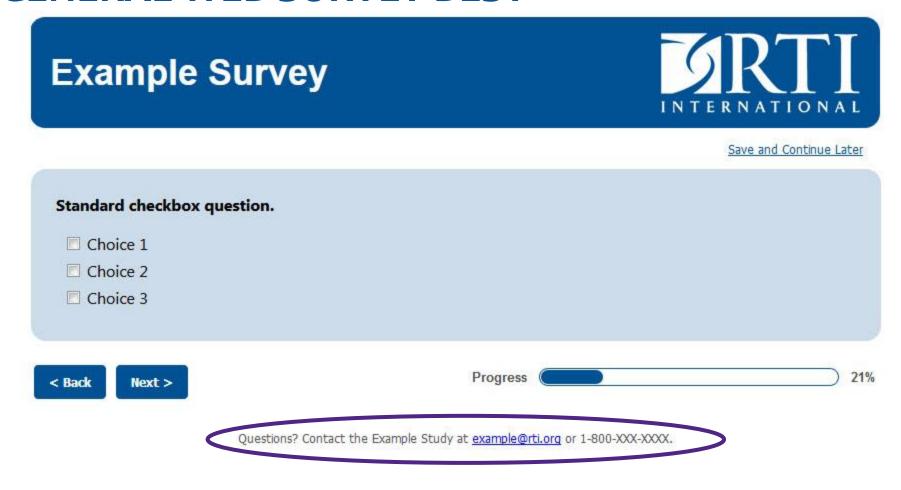
GENERAL WEB SURVEY BEST PRACTICES



GENERAL WEB SURVEY BEST PRACTICES

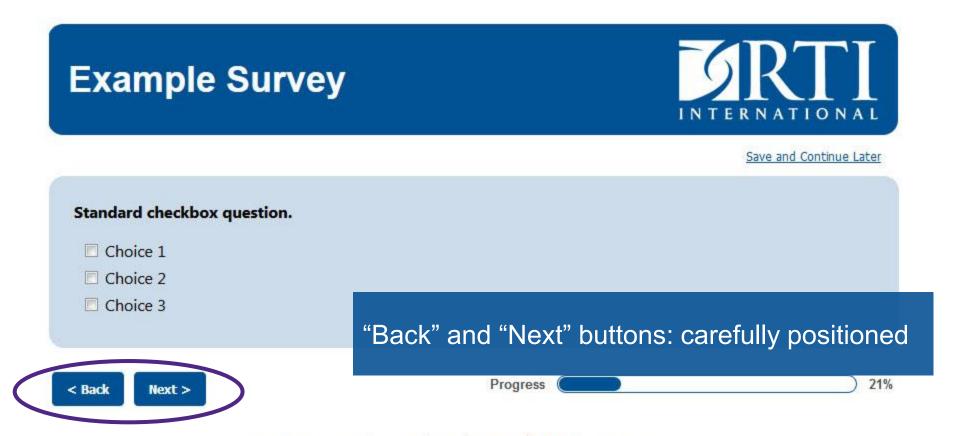


GENERAL WEB SURVEY BEST

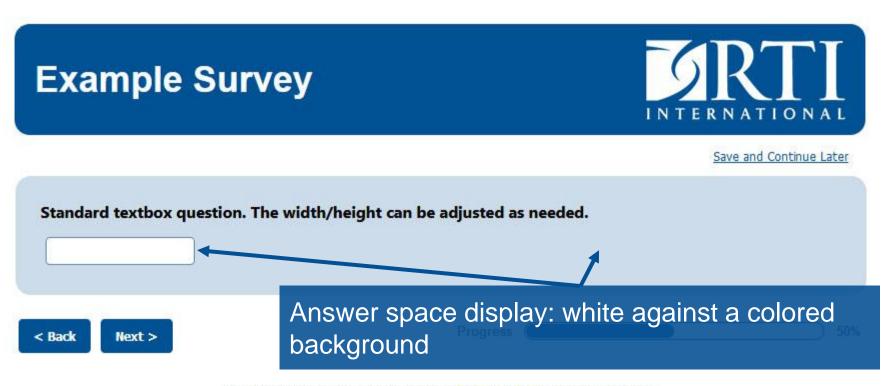


Help and Contact Information: available but not distracting.

GENERAL WEB SURVEY BEST PRACTICES



GENERAL WEB SURVEY BEST PRACTICES



GENERAL WEB SURVEY BEST PRACTICES

Example Survey



Save and Continue Later

Standard radio button grid. Can be changed in question settings to check box grid. Column width can also be adjusted.

	Column 1	Column 2	Column 3	Column 4	Column 4
Row information goes here.	0	0	0	0	0
Row information goes here.	. 0	0	6	0	0
Row information goes here.	0	0	6	0	0

< Back Next >

Grid-type questions: shaded rows

SPECIAL CASE QUESTIONS

How often do you come to FedCASIC? Always Often Sometimes Seldom Never Don't Know/Not Applicable Don't Know/Not Applicable

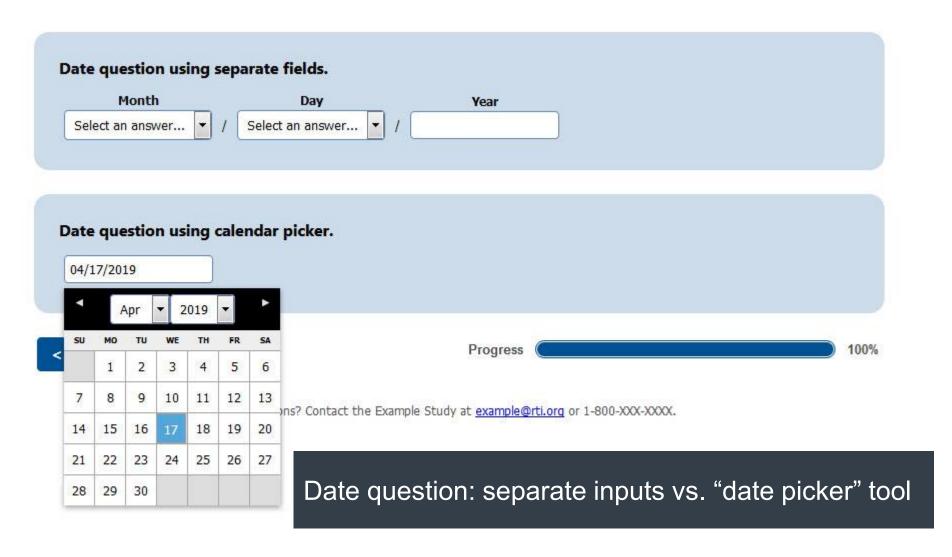
How would you rate... Below Not Above Excellent Average Very Poor Average **Applicable** Average The yumminess of your last sandwich? (Your fourth grade teacher? The cuteness of bunnies? 0 0

SPECIAL CASE QUESTIONS

Street:	Apt:	Custom address form stacked
City:	State: Alabama	Street
Zip Code:		Apt
Country (If outside the US):	City
		State
		Alabama ▼
		Zip
		ZiP

Address question: in-line vs. commonly-seen layout

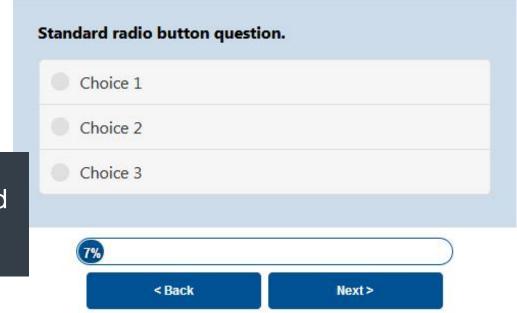
SPECIAL CASE QUESTIONS



MOBILE



Save and Continue Later



Easy-to-tap choice options and navigation buttons

Questions? Contact the Example Study at example@rti.org
or 1-800-XXX-XXXX.

MOBILE



Save and Continue Later Standard radio button grid. Row information goes here. **Example Survey** Column 1 Column 2 Column 3 Save and Continue Column 4 Column 4 Standard radio button grid. Can be changed in question settings to check box grid. Column width can a be adjusted. Row information goes here. Column 1 Column 2 Column 3 Column 4 Column 4 Column 1 Row information goes here. Column 2 Row information goes here. Column 3 Row information goes here. 0 0 0 0 Column 4 Column 4 Row information goes here. Progress Next > Column 1 Column 2 at example@rti.org or 1-800-XXX-XXXX. Column 3 Grids are "stacked" on Column 4 Column 4 mobile. 28%

MOBILE

ow would you rate						
	Excellent	Above Average	Average	Below Average	Very Poor	Not Applicable
The yumminess of your last sandwich?	0	©	©	0	0	0
Your fourth grade teacher?	©	<u></u>	©	©	0	0
The cuteness of bunnies?	0	6	©	0	0	©

...while retaining special features.



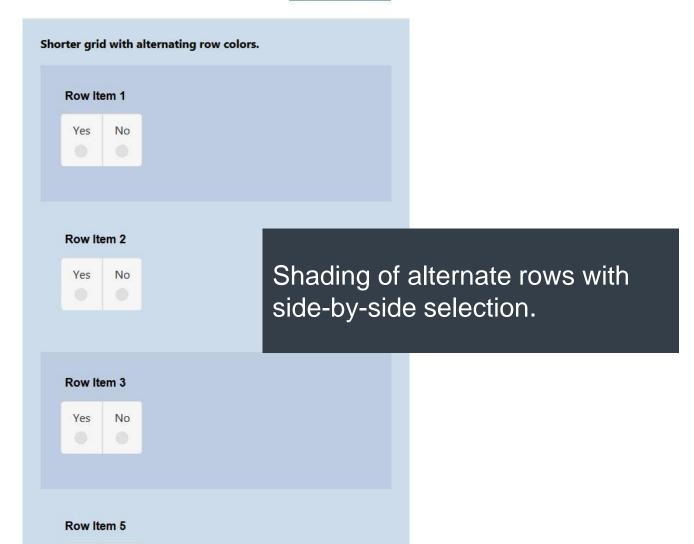
Save and Continue Later

	Excellent
	Above Average
	Average
	Below Average
	Very Poor
	N.A. P. H.
	Not Applicable
/oı	ur fourth grade teacher? Excellent
/oı	ur fourth grade teacher?
/oı	ur fourth grade teacher? Excellent
/ol	ur fourth grade teacher? Excellent Above Average
/ol	Excellent Above Average Average

MOBILE

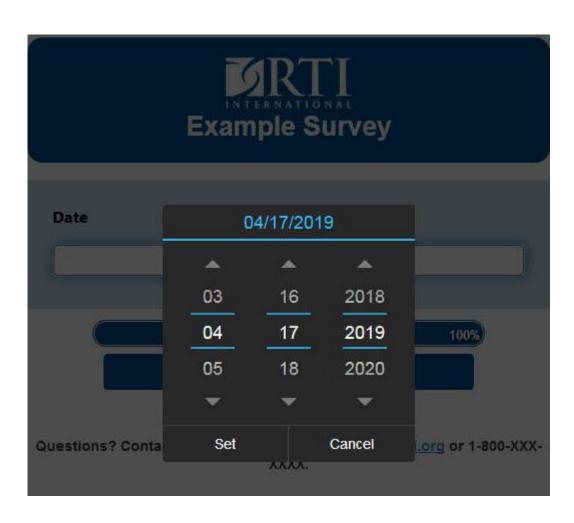


Save and Continue Later



MOBILE

"Spinner"-style date picker



Conclusion



HOW'S IT GOING?

Successful use on a number of surveys so far

Limited need for help from a programmer

Good reception from clients

Conclusion

```
<h3>Happy Clients<//i>
lass="col-md-3 col-sm-6 col-xs-12 text-center
wow-duration="500ms" data-wow-delay="200ms">
v class="counters-item">
    <span data-speed="3000" data-to="565">5
<i class="fa fa-check-square fa-3x"></i></i>
<h3>Projects completed</h3>
lass="col-md-3 col-sm-6 col-xs-12 text-center
wow-duration="500ms" data-wow-delay="400ms">
iv class="counters-item">
     <span data-speed="3000" data-to="95">95">95
     <span>%</span>
 \langle i \ class="fa fa-thumbs-up fa-3x"></i>
 <h3>Positive feedback</h3>
div>
lass="col-md-3 col-sm-6 col-xs-12 text-center
wow-duration="500ms" data-wow-delay="600ms">
iv class="counters-item kill-margin-bottom">
```

(span data-spand="3000" data-to="2500")

HOW CAN I DO IT?

Consider a style guide

Write clean HTML

Test on mobile

Conclusion



REFERENCES

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