DESIGN PORTFOLIO

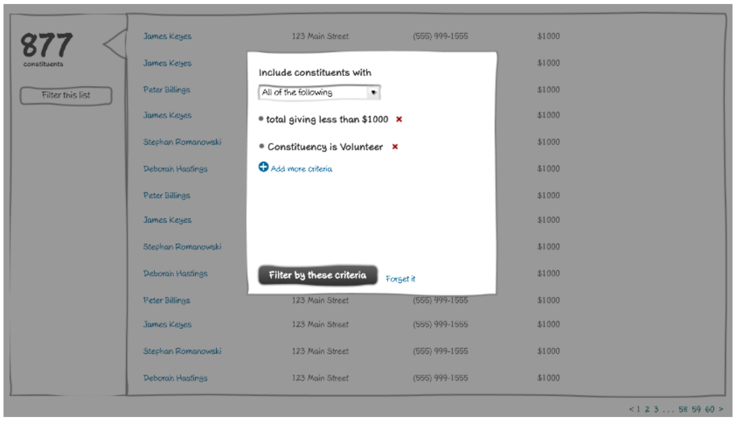
Rob Favre

Low fidelity prototypes for learning

Early in the design process, it’s valuable to be able to generate and iterate on ideas quickly. Low-fidelity prototypes are a good tool for this, since they don’t require a lot of time spent on visual polish. They have other benefits as well. Here are some examples from projects I've worked on.

List filter prototype

Axure has a nice feature that I like to use for certain projects that will let you make your prototype look “sketchy” while keeping all the interactivity of a high-fidelity prototype. This isn't the best way to generate ideas quickly, but it does help reassure users that they’re looking at an early concept and not something that’s about to be real, which sometimes generates more honest feedback.



Include constituents with

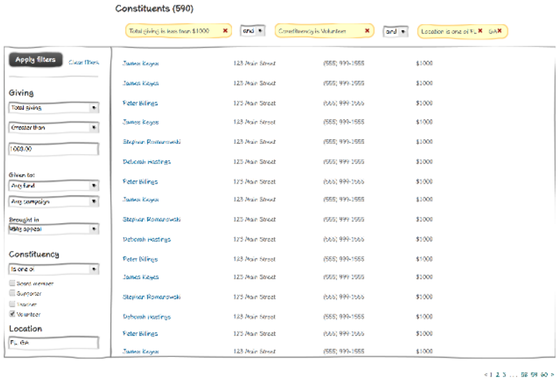
All of the following

- total giving less than $1000 ×
- Constituency is Volunteer ×

James Keyes	123 Main Street	(555) 999-1555	$1000
James Keyes			$1000
Peter Billings			$1000
James Keyes			$1000
Stephan Romanowski			$1000
Deborah Hastings			$1000
Peter Billings			$1000
James Keyes			$1000
Stephan Romanowski			$1000
Deborah Hastings			$1000
Peter Billings	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000
Stephan Romanowski	123 Main Street	(555) 999-1555	$1000
Deborah Hastings	123 Main Street	(555) 999-1555	$1000

This project was about approaches to filtering a list of people, and testing which method users would prefer to both applying filters to a list, and to seeing which filters had been applied.

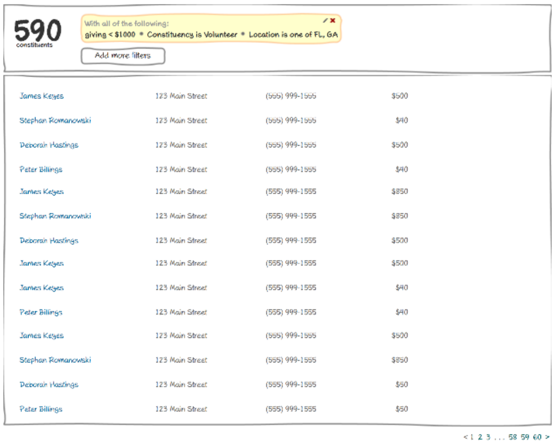
Clicking each screen will open the corresponding interactive version. The scenario the prototypes are meant to test is to apply filters by Giving, Constituency, and Location.



Total giving is less than $1000 × | and | Constituency is Volunteer × | and | Location is one of FL× GA×

Total giving
Greater than
1000.00
Given to: Any fund
Any campaign
Brought in: Any appeal
Constituency: Is one of
□ Board member
□ Supporter
□ Trustee
☑ Volunteer
Location: FL, GA

James Keyes	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000
Peter Billings	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000
Stephan Romanowski	123 Main Street	(555) 999-1555	$1000
Deborah Hastings	123 Main Street	(555) 999-1555	$1000
Peter Billings	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000
Stephan Romanowski	123 Main Street	(555) 999-1555	$1000
Deborah Hastings	123 Main Street	(555) 999-1555	$1000
Peter Billings	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000
Stephan Romanowski	123 Main Street	(555) 999-1555	$1000
Deborah Hastings	123 Main Street	(555) 999-1555	$1000
Peter Billings	123 Main Street	(555) 999-1555	$1000
James Keyes	123 Main Street	(555) 999-1555	$1000



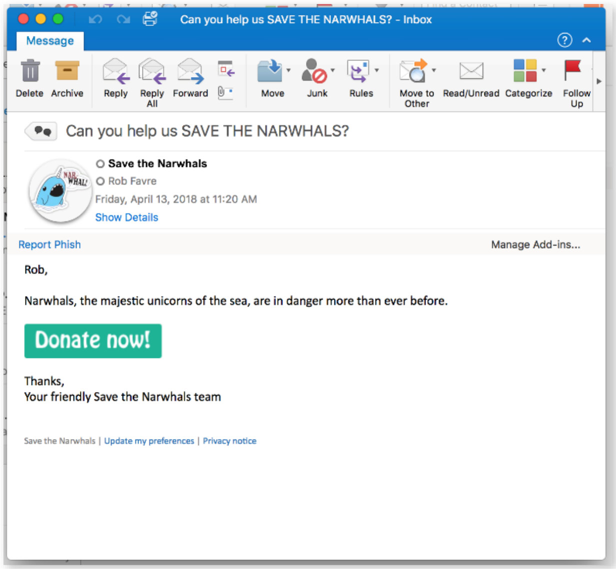
With all of the following:
giving < $1000 • Constituency is Volunteer • Location is one of FL, GA

James Keyes	123 Main Street	(555) 999-1555	$500
Stephan Romanowski	123 Main Street	(555) 999-1555	$40
Deborah Hastings	123 Main Street	(555) 999-1555	$500
Peter Billings	123 Main Street	(555) 999-1555	$40
James Keyes	123 Main Street	(555) 999-1555	$850
Stephan Romanowski	123 Main Street	(555) 999-1555	$850
Deborah Hastings	123 Main Street	(555) 999-1555	$500
James Keyes	123 Main Street	(555) 999-1555	$500
James Keyes	123 Main Street	(555) 999-1555	$40
Peter Billings	123 Main Street	(555) 999-1555	$40
James Keyes	123 Main Street	(555) 999-1555	$500
Stephan Romanowski	123 Main Street	(555) 999-1555	$850
Deborah Hastings	123 Main Street	(555) 999-1555	$50
Peter Billings	123 Main Street	(555) 999-1555	$50

Email opt out concept

A simple prototype to test a workflow to allow email recipients to set their communication preferences. We put it in front of some communications directors to see if they liked the way the options were presented to the user. We also guerilla tested it with coworkers around the office to get a sense for whether the options made sense as presented.

This was built using Sketch and Invision. Click on one of the images below to view the full prototype.



Can you help us SAVE THE NARWHALS?

○ Save the Narwhals
○ Rob Favre
Friday, April 13, 2018 at 11:20 AM
Show Details

Report Phish Manage Add-ins...

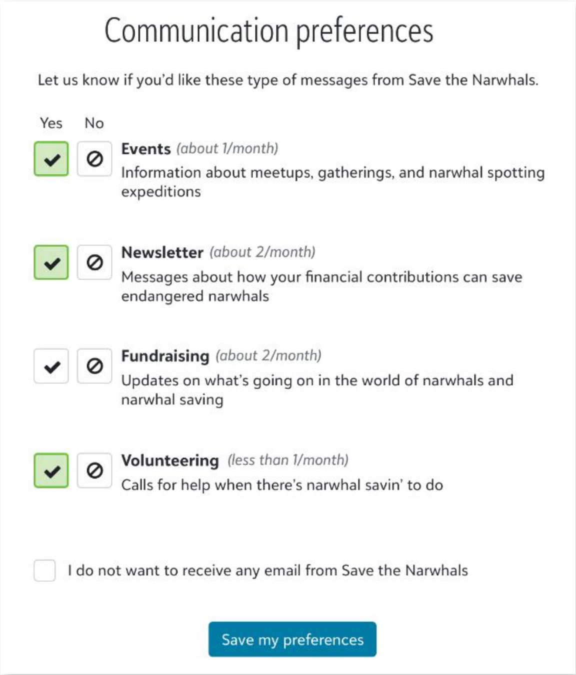
Rob,

Narwhals, the majestic unicorns of the sea, are in danger more than ever before.

Donate now!

Thanks,
Your friendly Save the Narwhals team

Save the Narwhals | Update my preferences | Privacy notice



Communication preferences

Let us know if you'd like these type of messages from Save the Narwhals.

Yes No

☑ ⊘ **Events** *(about 1/month)*
Information about meetups, gatherings, and narwhal spotting expeditions

☑ ⊘ **Newsletter** *(about 2/month)*
Messages about how your financial contributions can save endangered narwhals

✓ ⊘ **Fundraising** *(about 2/month)*
Updates on what's going on in the world of narwhals and narwhal saving

☑ ⊘ **Volunteering** *(less than 1/month)*
Calls for help when there's narwhal savin' to do

□ I do not want to receive any email from Save the Narwhals

Save my preferences

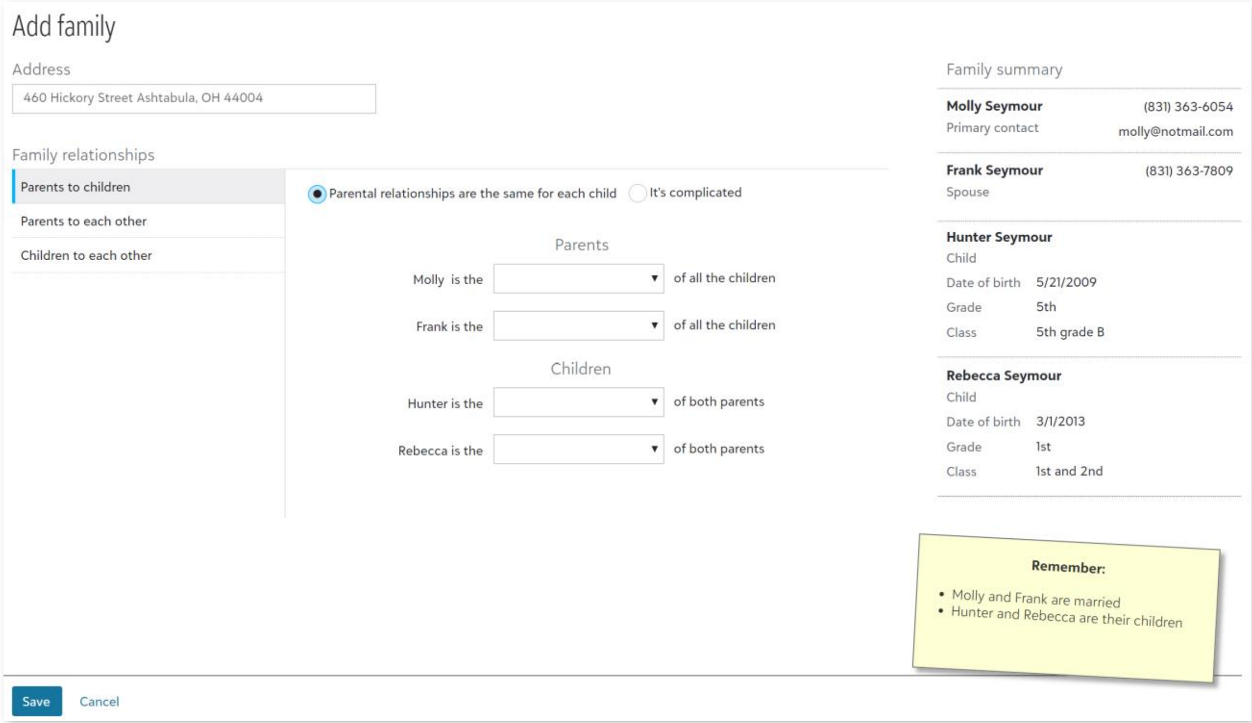
High fidelity prototypes for usability testing

For validating the usability of a near-finished design, it’s best to create a prototype that looks and behaves exactly like the finished product will.

Family data entry

Some of our church customers faced a problem: it was taking a long time for the Sunday school staff to enter data about new families dropping their kids off for the first time. The system has a lot of functions built in to ensure kids are where they should be, that parents and staff are aware of what’s happening to the kids, and that nobody except authorized guardians can leave with the kids after services are over. As a result, it was crucial that staff with minimal training be able to quickly and accurately enter important data about each family, including the ways in which the family members are related. I worked on a design to streamline that entry process.

This prototype was built to test the part of the process that creates relationships between the family members. It features built-in instructions about the scenario to ensure it could be used with minimal facilitation.



Add family

Address

460 Hickory Street Ashtabula, OH 44004

Family relationships

- Parents to children
- Parents to each other
- Children to each other

● Parental relationships are the same for each child ○ It's complicated

Parents

Molly is the ▾ of all the children

Frank is the ▾ of all the children

Children

Hunter is the ▾ of both parents

Rebecca is the ▾ of both parents

Family summary

Molly Seymour Primary contact	(831) 363-6054 molly@notmail.com
Frank Seymour Spouse	(831) 363-7809

Hunter Seymour
Child

Date of birth	5/21/2009
Grade	5th
Class	5th grade B

Rebecca Seymour
Child

Date of birth	3/1/2013
Grade	1st
Class	1st and 2nd

Remember:

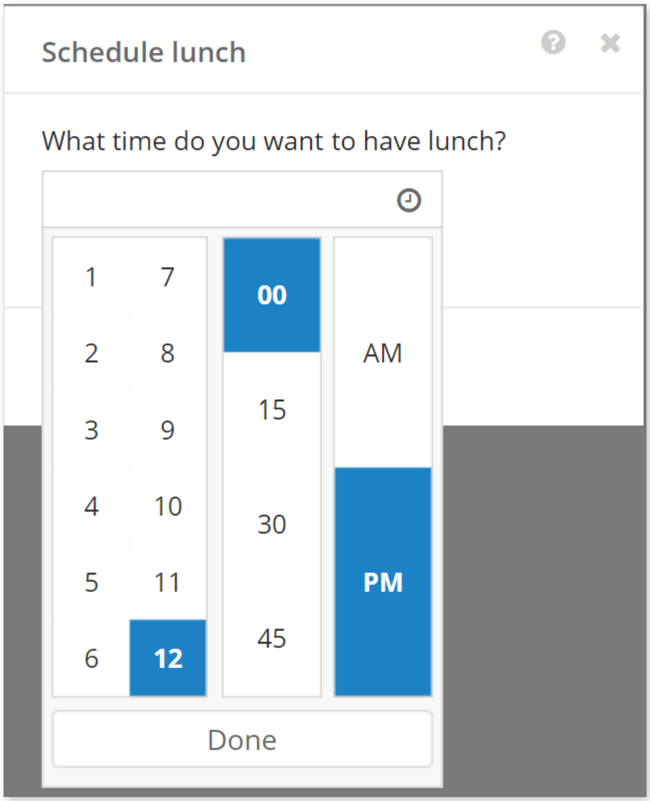
- Molly and Frank are married
- Hunter and Rebecca are their children

Time picker control

This was a component that I designed for inclusion in the SKYUX open-source component library. We wanted to have a time select control that functioned just as simply and naturally as our date select control, including ease of use on mobile/touch devices.

The prototype, which was designed to be shown on a mobile device, includes three different methods for selecting a time. Users were instructed to select a time with each and when all three were completed, the moderator could click the “Show results” button to display how long each selection took.

Click the image to see the prototype in action. You can see the finished version of the component on the Blackbaud developer page.



Schedule lunch

What time do you want to have lunch?

Documentation for controls and components

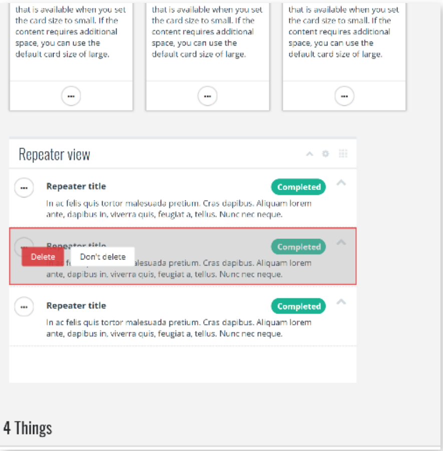
When I create documentation about controls and components for internal use, it's really content for two different audiences. My fellow UX designers will want information about the purpose of the component in their designs and guidelines for its use; the developers tasked with building the control will want details about the interactions and visual styling guidelines.

Here are couple examples of component documentation I built in Axure that use a hybrid approach: an interactive demo to show behavior and more traditional documentation to explain how to style the control and when to use it.

Inline delete

This component confirms deletion of an object with a lightweight inline message that keeps the user in context and doesn't require a disorienting full-screen modal message.

Click the screen to see the full prototype, or you can see the finished version on the Blackbaud developer page.



that is available when you set the card size to small. If the content requires additional space, you can use the default card size of large.

that is available when you set the card size to small. If the content requires additional space, you can use the default card size of large.

that is available when you set the card size to small. If the content requires additional space, you can use the default card size of large.

Repeater view

Repeater title

In ac felis quis tortor malesuada pretium. Cras dapibus. Aliquam lorem ante, dapibus in, viverra quis, feugiat a, tellus. Nunc nec neque.

Repeater title

In ac f… alesuada pretium. Cras dapibus. Aliquam lorem ante, dapibus in, viverra quis, feugiat a, tellus. Nunc nec neque.

Repeater title

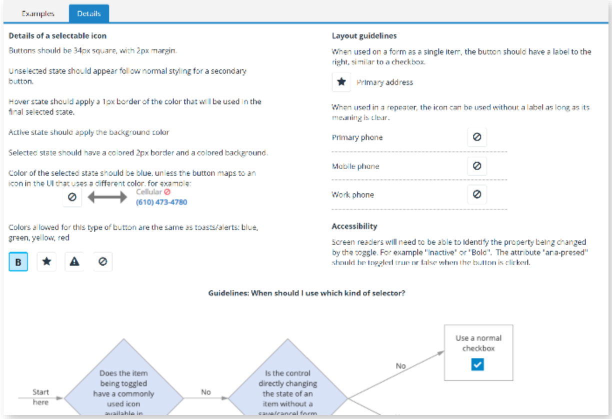
In ac felis quis tortor malesuada pretium. Cras dapibus. Aliquam lorem ante, dapibus in, viverra quis, feugiat a, tellus. Nunc nec neque.

4 Things

Selectable icon buttons

This was a pattern document that was needed to standardize an approach that several teams across the development organization had seen as a need but had implemented independently. Creating a common component allowed for standard, predictable behavior for end users and less waste and overhead for the engineering teams.

Click the screen to see the full prototype, or you can see how it's been incorporated into several standard components on the Blackbaud developer page: radio buttons and checkboxes.



Details of a selectable icon

Buttons should be 34px square, with 2px margin.

Unselected state should appear follow normal styling for a secondary button.

Hover state should apply a 1px border of the color that will be used in the final selected state.

Active state should apply the background color

Selected state should have a colored 2px border and a colored background.

Color of the selected state should be blue, unless the button maps to an icon in the UI that uses a different color, for example:

Cellular
(610) 473-4780

Colors allowed for this type of button are the same as toasts/alerts: blue, green, yellow, red

Layout guidelines

When used on a form as a single item, the button should have a label to the right, similar to a checkbox.

Primary address

When used in a repeater, the icon can be used without a label as long as its meaning is clear.

Primary phone

Mobile phone

Work phone

Accessibility

Screen readers will need to be able to identify the property being changed by the toggle. For example "Inactive" or "Bold". The attribute "aria-presed" should be toggled true or false when the button is clicked.

Guidelines: When should I use which kind of selector?

Examples
Details
B
Start here
Does the item being toggled have a commonly used icon available in
No
Is the control directly changing the state of an item without a save/cancel form
No
Use a normal checkbox

Feature documentation

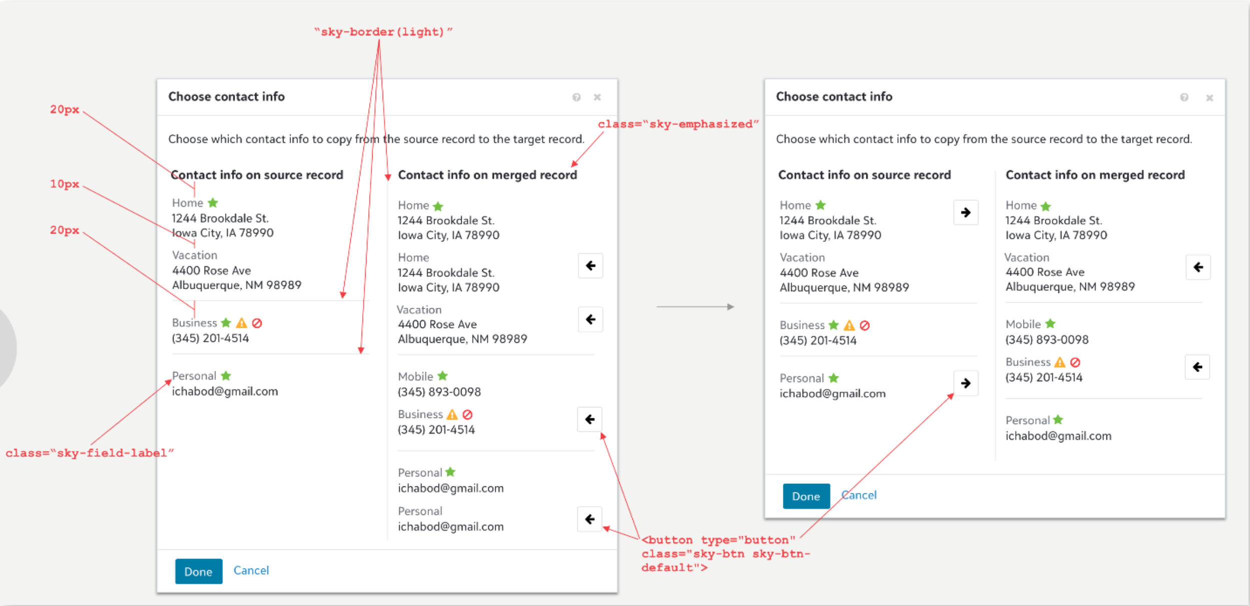
Interactive prototypes are invaluable for communicating design ideas to stakeholders and for testing them with users, but they are not infallible as a means of documenting what an engineering team is expected to build. Specific styles, responsive behaviors, how to handle different data scenarios, error cases, and edge cases are all sometimes better handled by just calling them out explicitly. This kind of documentation is very helpful for a team to have available before and during sizing exercises so they aren't surprised by "hidden" requirements popping up during the course of a sprint.

Record merge documentation

A long-term project for one of the teams I worked with involved a feature that let a system administrator merge together two records that were actually duplicates representing a single person. Part of that process involved picking through specific data on each record to decide which pieces of each were worth keeping on the final, merged record.

This is documentation I created to show the engineering team how to build the interface that lets the user merge contact information from the two records. It includes styling details as well as calling out how to handle specific detailed cases.

Built using Sketch and Invision. Click the image to view the full page.



Choose contact info

Choose which contact info to copy from the source record to the target record.

Contact info on source record

Home ★
1244 Brookdale St.
Iowa City, IA 78990

Vacation
4400 Rose Ave
Albuquerque, NM 98989

Business ★ ⚠ ⊘
(345) 201-4514

Personal ★
ichabod@gmail.com

Contact info on merged record

Home ★
1244 Brookdale St.
Iowa City, IA 78990

Home
1244 Brookdale St.
Iowa City, IA 78990

Vacation
4400 Rose Ave
Albuquerque, NM 98989

Mobile ★
(345) 893-0098

Business ⚠ ⊘
(345) 201-4514

Personal ★
ichabod@gmail.com

Personal
ichabod@gmail.com

Choose contact info

Choose which contact info to copy from the source record to the target record.

Contact info on source record

Home ★
1244 Brookdale St.
Iowa City, IA 78990

Vacation
4400 Rose Ave
Albuquerque, NM 98989

Business ★ ⚠ ⊘
(345) 201-4514

Personal ★
ichabod@gmail.com

Contact info on merged record

Home ★
1244 Brookdale St.
Iowa City, IA 78990

Vacation
4400 Rose Ave
Albuquerque, NM 98989

Mobile ★
(345) 893-0098

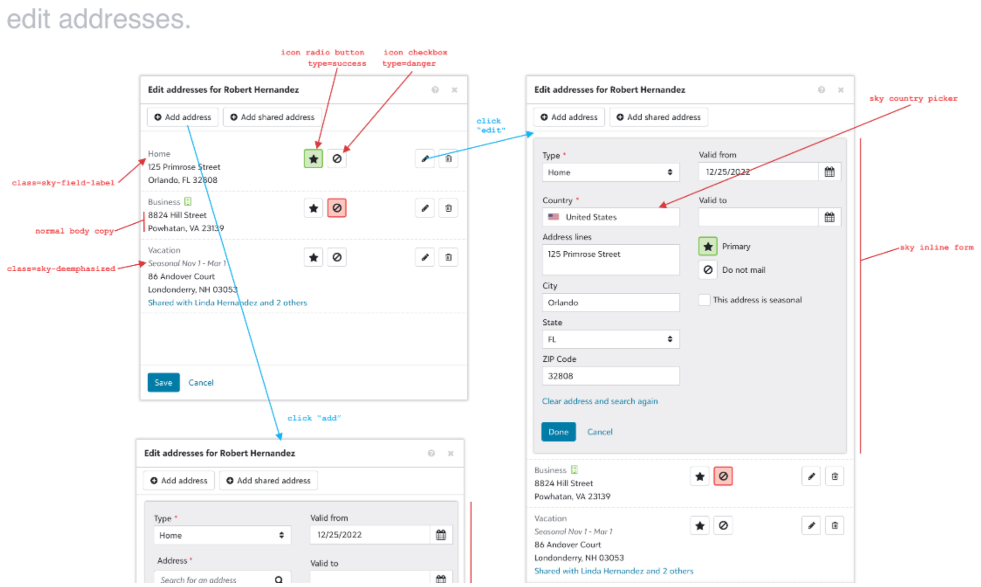
Business ⚠ ⊘
(345) 201-4514

Personal ★
ichabod@gmail.com

Styling update documentation

As part of a product-wide style refresh, our engineering teams had to replace a lot of old components with newer versions. Sometimes the old and new versions didn't exactly match, and sometimes there was no obvious match in the new library for existing functionality. I went through many of these screens with a fine-toothed comb and called out exactly which new components should be used to replace the old ones and how the new ones should be used.

Built using Sketch and Invision. Click to see the full version.



edit addresses.

Edit addresses for Robert Hernandez

Add address | Add shared address

Home
125 Primrose Street
Orlando, FL 32808

Business
8824 Hill Street
Powhatan, VA 23139

Vacation
Seasonal Nov 1 - Mar 1
86 Andover Court
Londonderry, NH 03053
Shared with Linda Hernandez and 2 others

Save | Cancel

Edit addresses for Robert Hernandez

Add address | Add shared address

Type * : Home
Valid from: 12/25/2022
Country * : United States
Valid to:
Address lines: 125 Primrose Street
★ Primary
⊘ Do not mail
City: Orlando
□ This address is seasonal
State: FL
ZIP Code: 32808
Clear address and search again

Done | Cancel

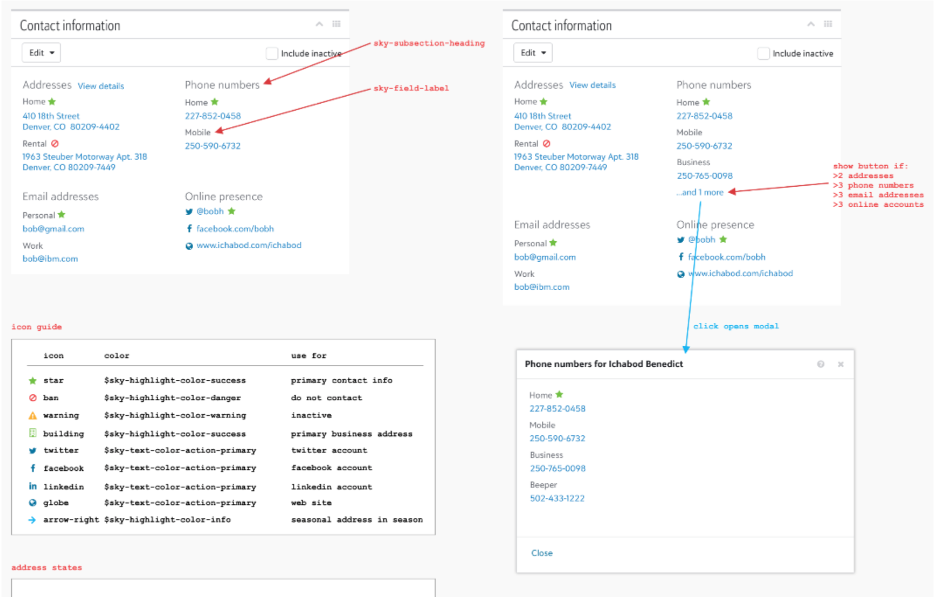
Business
8824 Hill Street
Powhatan, VA 23139

Vacation
Seasonal Nov 1 - Mar 1
86 Andover Court
Londonderry, NH 03053
Shared with Linda Hernandez and 2 others

Edit addresses for Robert Hernandez

Add address | Add shared address

Type * : Home
Valid from: 12/25/2022
Address * : *Search for an address*
Valid to:



Contact information

Edit | □ Include inactive

Addresses View details
Home ★
410 18th Street
Denver, CO 80209-4402
Rental ⊘
1963 Steuber Motorway Apt. 318
Denver, CO 80209-7449

Phone numbers
Home ★
227-852-0458
Mobile
250-590-6732

Email addresses
Personal ★
bob@gmail.com
Work
bob@ibm.com

Online presence
@bobh ★
facebook.com/bobh
www.ichabod.com/ichabod

Contact information

Edit | □ Include inactive

Addresses View details
Home ★
410 18th Street
Denver, CO 80209-4402
Rental ⊘
1963 Steuber Motorway Apt. 318
Denver, CO 80209-7449

Phone numbers
Home ★
227-852-0458
Mobile
250-590-6732
Business
250-765-0098
...and 1 more

Email addresses
Personal ★
bob@gmail.com
Work
bob@ibm.com

Online presence
@bobh ★
facebook.com/bobh
www.ichabod.com/ichabod

Phone numbers for Ichabod Benedict

Home ★
227-852-0458
Mobile
250-590-6732
Business
250-765-0098
Beeper
502-433-1222

Close

icon guide

icon	color	use for
★ star	$sky-highlight-color-success	primary contact info
⊘ ban	$sky-highlight-color-danger	do not contact
⚠ warning	$sky-highlight-color-warning	inactive
building	$sky-highlight-color-success	primary business address
twitter	$sky-text-color-action-primary	twitter account
f facebook	$sky-text-color-action-primary	facebook account
in linkedin	$sky-text-color-action-primary	linkedin account
globe	$sky-text-color-action-primary	web site
→ arrow-right	$sky-highlight-color-info	seasonal address in season

address states