

Safesea Chrome Plugin Design

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Project Overview

This is a research project of Social Cybersecurity in CHIMPS Lab. The goal of this project is to refine the user interface of the Chrome plugin called Safesea. Safesea presents Facebook privacy questions in a different way from Facebook. Users could answer privacy questions, see what other people choose, and change their privacy settings. The refinement is based on the previous designer's design. Therefore, for this project, I do not need to create a whole new design, but rather just to fix the problems of the current design to make it more user-friendly. Another thing to note is that because this is a research project, some design decisions might be best for research purposes, but not necessarily best for design practices. Besides designing, I also programmed the new user interface in React.

Old Interface

Safesea

Search on Google...



Facebook Privacy Checkup

View all questions



Go to Facebook



Resume Checkup



Safesea

Search on Google...



Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Who should be able to like or comment on your public profile pictures and other profile info?

Manage who can like or comment on profile information that is always public, including your profile pictures, profile videos, cover photos, featured photos and updates to your short bio.

Please choose an option:

Public

Friends of
friends

Friends

Not sure

Safesea

Search on Google...



Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Who should be able to like or comment on your public profile pictures and other profile info?

Manage who can like or comment on profile information that is always public, including your profile pictures, profile videos, cover photos, featured photos and updates to your short bio.

You chose **Friends**

Your current setting on Facebook is **Friends**

60% of people think **Friends** is the safest option



Next Question

Change this setting on Facebook

Screen Designs

First Iteration

On the homepage of the old design, the most important button is put at the end, and the wording “Resume” is a little confusing. I brought it to the top. The pages do not have back button, and there is no way for the users to skip a question. Therefore I added a back and next button. I also added an “all” category because there is no way to deselect a category once it is selected.

Safesea

Search on Google...



Facebook Privacy Checkup

Start Checkup



View all questions



Go to Facebook



Safesea

Search on Google...



All Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Who should be able to like or comment on your public profile pictures and other profile info?

Manage who can like or comment on profile information that is always public, including your profile pictures, profile videos, cover photos, featured photos and updates to your short bio.

Please choose an option:

Public

Friends of
friends

Friends

Not sure

Next

Safesea

Search on Google...



All Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Who should be able to like or comment on your public profile pictures and other profile info?

Manage who can like or comment on profile information that is always public, including your profile pictures, profile videos, cover photos, featured photos and updates to your short bio.

You chose **Friends**

Your current setting on Facebook is **Friends**

See what other people think

Back

Next

Change this setting on Facebook

Safesea

Search on Google...



All Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Who should be able to like or comment on your public profile pictures and other profile info?

Manage who can like or comment on profile information that is always public, including your profile pictures, profile videos, cover photos, featured photos and updates to your short bio.

You chose **Friends**

Your current setting on Facebook is **Friends**

60% of people think **Friends** is the safest option



Back

Next

Change this setting on Facebook

Safesea

Search on Google...



All Categories

Friends

Posts

Profile

Timeline

View all questions



Go to Facebook



Would you like to review posts that you're tagged in before the posts appear on your timeline?

Timeline review controls whether you have to manually approve posts you're tagged in before they go on your timeline. When you have a post to review, just click Timeline review on the left-hand side of your activity log. Note: This only controls what's allowed on your timeline. Posts you're tagged in still appear in search, News Feed and other places on Facebook.

Please choose an option:

Yes

No

Not sure

Back

Next

User Testing Overview

We recruited 3 users for the user testing. The tasks we asked them to do were:

- Start checkout, ignore the first question and answer the second question directly.
- First answer yes, then realize you mischose the answer and go back to answer no.
- Finish the questions.
- Start over. Choose friends category and unchoose it.
- Choose friends for the first question and see what other people think.
- Go to the question list and select the first question in the list.

User Testing Results

Some problems that users mentioned:

- When asked to choose the friends category, all of the users thought it referred to the friends option. Users focused on the question block and ignored the categories entirely.
- When asked about how to skip a question, users thought they would choose “not sure”. So maybe “next” is redundant.
- The question descriptions were wordy and they did not read them.
- “Change this setting on Facebook” button is in overpowering red.
- The header “Safesea” did not look good.

I decided to design a logo to replace the header.

Logo Designs

Horizontal



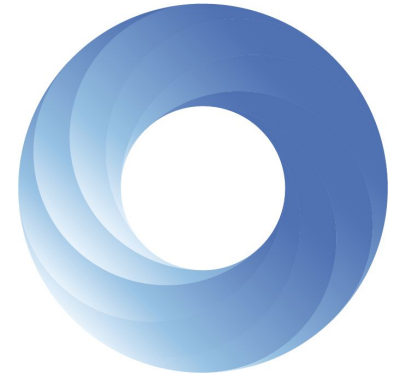
Safesea

Vertical



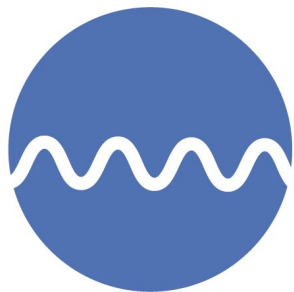
Safesea

Tab view



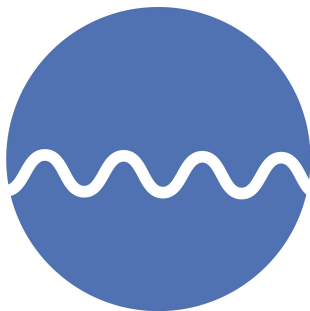
After presenting all three to the professor and other students, this design was chosen. 16

Horizontal



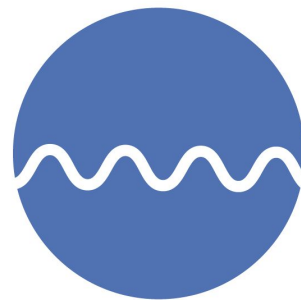
Safesea

Vertical

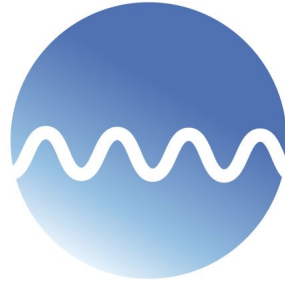


Safesea

Tab view

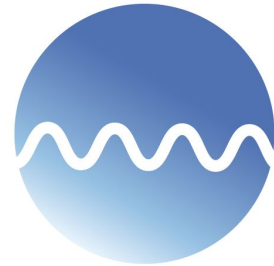


Horizontal



Safesea

Vertical



Safesea

Tab view



Screen Designs

Final Iteration

Based on the user testing results, I decided to remove the categories as they were confusing and not necessary. I added a contextual sensitive help button in the question page so that the long description did not show at first sight. I also changed the color of “Change this setting on Facebook” button to comply with the color in the above text.



Search on Google...



Facebook Privacy Checkup

Continue Checkup



View all questions



Go to Facebook





Search on Google...



View all questions



Go to Facebook



Home



Who should be able to follow you? 

Please choose an option:

Public

Friends

Not sure



Search on Google...



View all questions



Go to Facebook



Home



Who do you think should be able to send you friend requests? 

You chose **Friends of friends**

Your current setting on Facebook is **Everyone**

► See what others think

Back

Next

Change this setting on Facebook

View all questions



Go to Facebook



Home



Who do you think should be able to look you up using the phone number you provided? ?

You chose **Not sure**

Your current setting on Facebook is **Everyone**. Would you like to change it?

▼ See what others think

77% of people think **Friends** is the safest option ▲

Everyone



17 votes

Friends of friends



24 votes

Friends



140 votes

Source: Amazon Mechanical Turk, August 2018

Back

Next

Change this setting on Facebook