# Safesea Chrome Plugin Design

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# Project Overview

This is an individual project. It 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.

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# 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... 🔍

**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... 🔍

**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 checkup, 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



**Safe**sea
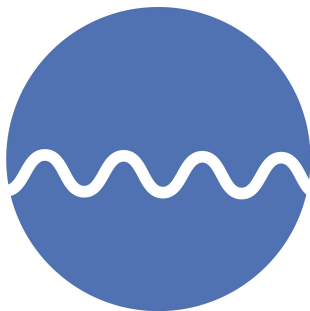
Vertical



**Safe**sea

Tab view



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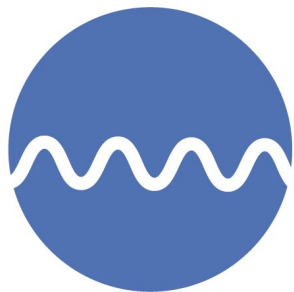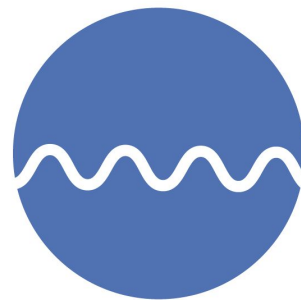
Horizontal

**Safesea**

Vertical

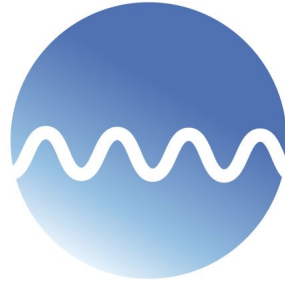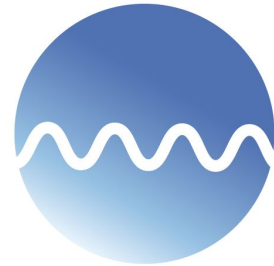**Safesea**

Tab view

Horizontal 

Vertical 

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.

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Safesea

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

**Safesea**

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**

## 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**