

# The Golden xCOMPASS

## The Compass You Need to Navigate through the App-Privacy Universe!



<https://unsplash.com/s/photos/doctor-counseling>

**Rahmadi Trimananda**

Comcast Cybersecurity & Privacy  
Research

**USENIX SOUPS 2024  
Lightning Talks**

August 12-13, 2024

Philadelphia, PA, USA



# App Development



App development follows SDL

<https://www.pexels.com/search/phone%20apps/>



Privacy is very important

<https://unsplash.com/s/photos/data-privacy>



Privacy means data collection & handling

<https://unsplash.com/s/photos/data>

# App Development: Privacy Requirements



<https://unsplash.com/s/photos/meetings-with-postits>

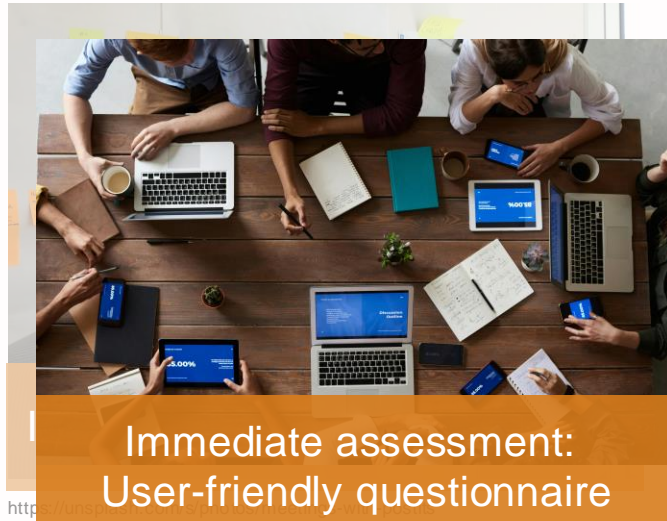


<https://unsplash.com/s/photos/goalkeeper>



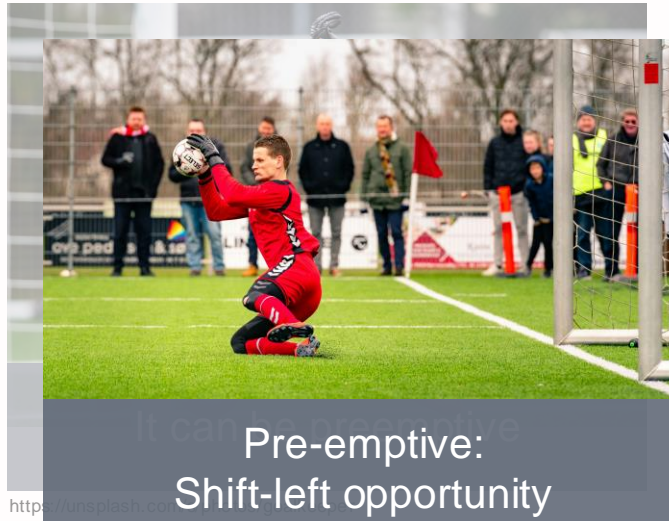
<https://unsplash.com/s/photos/chain>

# App Development: Privacy Requirements



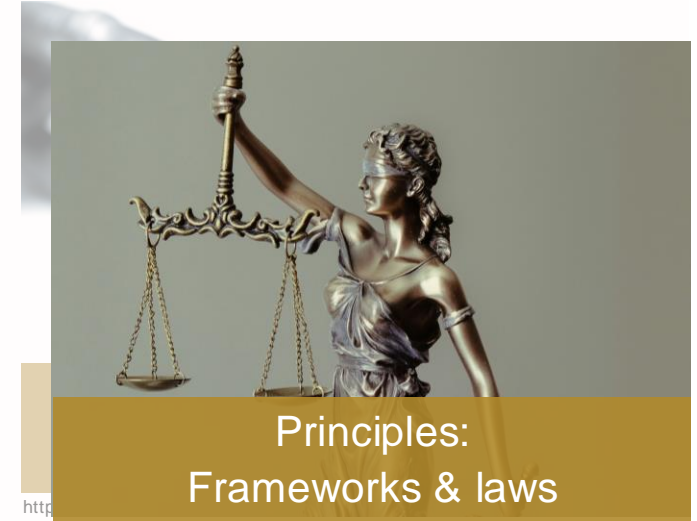
Immediate assessment:  
User-friendly questionnaire

<https://www.pexels.com/search/meetings/>



Pre-emptive:  
Shift-left opportunity

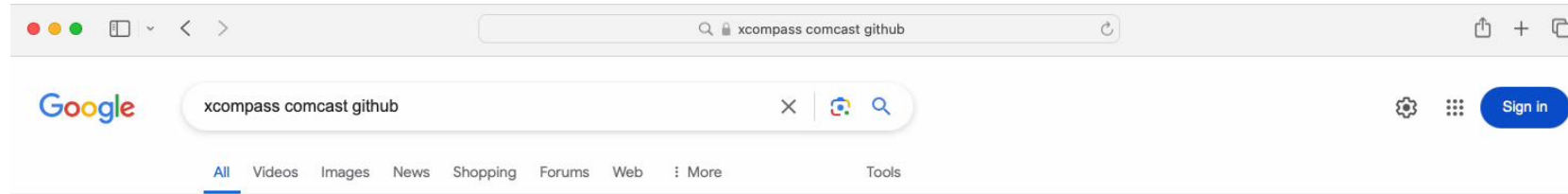
<https://unsplash.com/s/photos/goalkeeper>



Principles:  
Frameworks & laws

<https://unsplash.com/s/photos/law>

# xCOMPASS Demo



**GitHub**  
https://github.com › Comcast › xCompass

**Comcast/xCompass: This repository hosts a persona ...**  
This repository hosts a persona based privacy threat modeling solution called Models of Applied Privacy or MAP. - Comcast/xCompass.

**GitHub**  
https://github.com › Comcast

**Comcast**  
May 24, 2024 — This repository hosts a persona based privacy threat modeling solution called Models of Applied Privacy or MAP. Comcast/xCompass's past year of ...

**GitHub**  
https://github.com › Comcast › xCompass › activity

**Activity · Comcast/xCompass**  
This repository hosts a persona based privacy threat modeling solution called Models of Applied Privacy or MAP. - Activity · Comcast/xCompass.

**GitHub**  
https://github.com › Comcast › xCompass › pulls

**Pull requests · Comcast/xCompass**  
This repository hosts a persona based privacy threat modeling solution called Models of Applied Privacy or MAP. - Pull requests · Comcast/xCompass.

**GitHub**  
https://github.com › Comcast › xCompass › blob › NOTI...

**xCompass/NOTICE at main · Comcast ...**  
This repository hosts a persona based privacy threat modeling solution called Models of Applied Privacy or MAP. - xCompass/NOTICE at main · Comcast/xCompass.

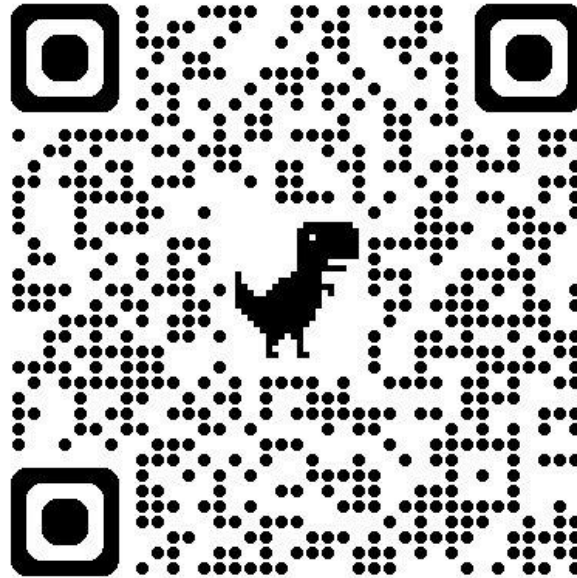
**GitHub**  
https://github.com › Comcast › xCompass › activity

**Activity · Comcast/xCompass**



# In summary, xCOMPASS helps developers identify privacy requirements early, easily, & quickly

## GITHUB PAGE



Or search "xCOMPASS Comcast Github"

[Rahmadi\\_Trimananda@comcast.com](mailto:Rahmadi_Trimananda@comcast.com)