

# Interaction Patterns Task Force

**Welcome** to the Interaction Patterns Task Force. Thank you for stopping by.

**Our TF Meetings** are held on alternate Thursdays at 16.00UTC / 09.00PT. [Zoom call link](#) [see the ToIP Calendar for more details](#).

All those with an interest or expertise in human experience, ethical design, consent agreements, human-computer-interaction, interaction design are especially welcome.

## Our focus

- How do we enable **trustworthy data exchange interactions in wallets**?
- What are best practice **interaction patterns**, what research and feedback has been gathered to support these?
- What **existing standards** and work in our broader communities can or should be built on?
- Where is there opportunity for the development of new standards or patterns to unlock **improved or novel digital transaction experiences**?

## Our deliverables

1. A repository of **resources** demonstrating exemplary work and references.
2. Opinionated **principles** about how to enable trusted digital interactions.
3. Guiding **best practices** for macro and micro interaction patterns.

We **WILL NOT** deliver a component library, design system or UI kit.

We **MAY** deliver icons, example phrasing, language usage or layouts.

We **SHOULD** deliver mockups or representations that demonstrate best practice patterns.

## Mission

**To enable consistent, accessible and trustworthy data exchange experiences for all**, and to make it easier for those designing and developing in our community to implement them.

### Why?

The experience and security of any system operated by people depends on the information conveyed through user interfaces, the response of the users, and the interpretation of their actions. Existing interaction patterns in wallets tend towards visual-centric models and rely on inconsistent representations and interaction patterns.

Trustworthy data exchange is a foundational building block in the infrastructure of modern society, for it to function as a public good it must be available and accessible to all. As such inclusive design of data exchange systems is needed to ensure safe and consistent use. Consistency does not however mean uniformity, interfaces should be adapted to provide contextually relevant experiences that meet the unique environmental and cultural needs of those interacting with these systems.

Opinionated principles and best practice interaction patterns can provide guide-rails to deliver humane, transparent and consistent behaviours while allowing for a culturally, contextually diverse ecosystem to flourish.

### Purpose

Create a living resource that:

- **Articulates** opinionated principles about how to enable trusted digital interactions.
- **Highlights** existing standards and best practices to follow.
- **Recommends** best practice approaches to building macro and micro interactions that are backed by research and insight from industry and real world use.
- **Identifies** opportunities for the development of new standards or patterns to unlock novel transaction experiences.

### Scope

- The scope is limited to developing best practices within wallet applications (layer-2 intervention in the ToIP stack).
- The intention is to identify overlaps with ongoing work in the Open Wallet Foundation.

## Links & Files

### Existing work, standards <ToDo>

Web Accessibility Initiative and Web Content Accessibility Guidelines (WCAG), <https://www.w3.org/WAI/>  
<https://www.w3.org/TR/WCAG22/>

## Resource and references wiki page <ToDo>

Data Patterns Catalogue, ProjectsByIF. <https://catalogue.projectsbyif.com>

Humane by Design, Jon Yablonski. <https://humanebydesign.com>

CalmTech, Amber Case. <https://calmtech.com>

Consent Mechanisms, Dr Arianna Rossi. <https://wiki.trustoverip.org/pages/viewpage.action?pagelId=19656880>

Gov.UK Design Patterns, research driven eg.

<https://design-system.service.gov.uk/patterns/confirm-a-phone-number/>

## Deliverables & Milestones

Timelines to be decided in first TaskForce sessions

#	Name	Description	Delivery Date	Status	Link
1	Convene & Shape	Bring TF together, agree approach, how to publish and target output plus timeline	Feb '23	Completed	
2	Existing Work Review	Review literature, standards, design systems, community efforts etc	<TBC>	Started	
3	Working Group Roadtrip	Reach out to other working groups. What has been done, what is most in need?	<TBC>	Not started	
4	Principles	Design principles are opinionated standards to drive decision making and ensure consistent implementations.	<TBC>	Not started	
5	Foundations	General best practice rules for interface elements (accessibility, colour, language, type, state etc.)	<TBC>	Not started	
6	Macro Interactions	Task/goal oriented interactions that may be made up of multiple steps and interface components. How do I ...?	<TBC>	Not started	
7	Micro Interactions	Single component interaction patterns. How should component x...?	<TBC>	Not started	
5	Deliver	Publish v1.0	<TBC>	Not started	

## Chairs/Convenors

[Andrew Slack Bentley Farrington](#)

## Membership and Joining

Prior to participating in the meetings please ensure that you are a [member of the Trust Over IP Foundation](#). Contributor level membership is available to anyone at no cost.

Please add your name to the member list below.

## Intellectual Property Rights (Copyright, Patent, Source Code)

As a Task Force (TF) of TOIP, the TF inherits the IPR terms from the [JDF Charter](#). These include:

- Copyright mode: [Creative Commons Attribution 4.0](#).
- Patent mode: **W3C Mode** (based on the [W3C Patent Policy](#)).
- Source code: **Apache 2.0**, available at <http://www.apache.org/licenses/LICENSE-2.0.html>. This TF is not expected to produce source code.

## Mailing List and Communications

This task force uses the following for communications:

- **Slack**: HXWG channel