What is Solid for end users? And how our design decisions might influence the users' perception.

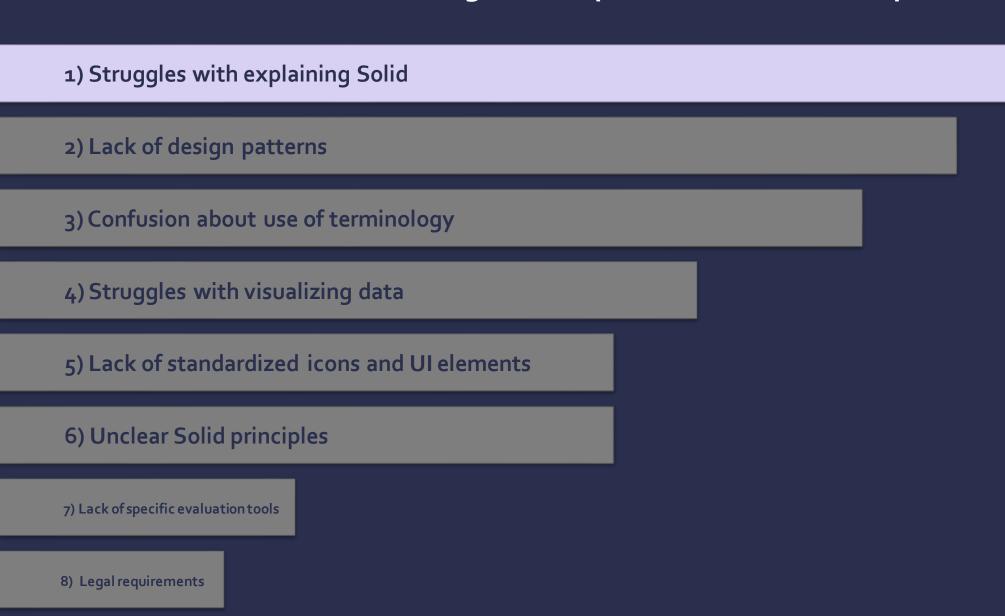








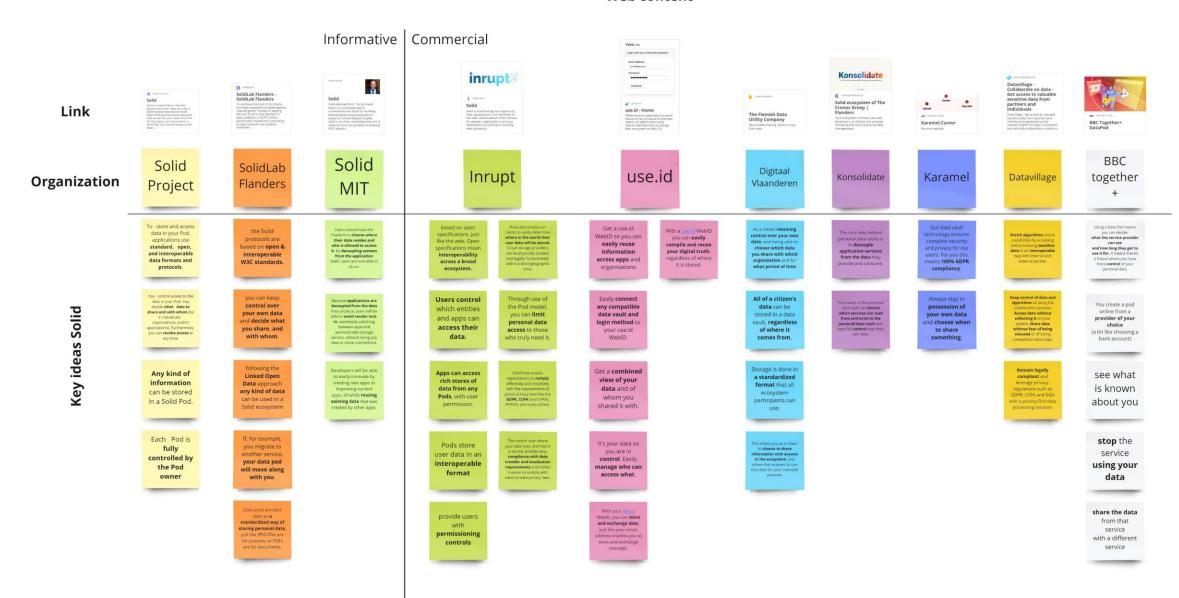
We asked which interfacing related problems are most important to be solved



How is Solid being positioned?



Web content





Pods store user data in an interoperable format

the Solid

based on open &

interoperable

W3C standards

With a use.id WebID

free to use their

data seamlessly

across different

applications and

services.

to easily innovate by creating new apps or apps, all while reusing existing data that was created by other apps.

> Get a use.id WebID so you can easily reuse across apps and

> > organisations

you can easily compile and reuse share the data your digital truth, regardless of where it is stored.

from that service with a different service

This gives Solid to allow different applications to work with the same data.

To store and access data in your Pod, applications use standard, open, and interoperable data formats and protocols.

based on open ecosystem.

> following the Linked Open Data approach

specifications, just like the web. Open specifications mean interoperability across a broad

any kind of data

Storage is done in a standardized format that all ecosystem

participants can

use.

Solid creates

interoperable

ecosystems of

applications

and data

standardized way of storing personal data, just like JPEG files are for pictures, or PDFs are for documents.

> Apps can access rich stores of data from any Pods, with user permission.

the separation of data storage and applications

Any kind of information can be stored in a Solid Pod.

If, for example, you migrate to your data pod will move along with you.

data can be

stored in a data

vault, regardless

of where it comes from.

provider of your choice All of a citizen's bank account)

Easily connect any compatible data vault and login method to

your use.id

WebID.

You create a pod

online from a

they produce, users will be able to **avoid vendor lock**-

where in the world their user data will be stored. Cloud storage providers can be physically located,

specification tha lets people store in decentralized data stores called

personal data vaults is to decouple application services from the data they

their data resides and who is allowed to access it. By decoupling content from the application

have improved transparency over their data.

Get a combined view of your data and of whom you shared it with.

see what is known about you have improved access control over their data.

Using a Data Pod means you can decide: what the service provider can see and how long they get to use it for. It means there's a future where you have more control of your personal data.

data.

messages.

Users control which entities and apps can access their

stop the service using your data

Always stay in possession of your own data and choose when something.

Each Pod is fully controlled by the Pod

owner data in your Pod. You decide what data to share and with whom (be

organizations, and/or applications). Furthermore, you can **revoke access** at It's your data so you are in control. Easily manage who can provide users

access what. with permissioning controls WebID, you can store and exchange data,

you can keep control over your own data and decide what you share, and with whom.

Through use of the Pod model, you can limit personal data access to those who truly need it.

As a citizen retaining control over your own data, and being able to choose which data you share with which what period of time

Solid is

the separation of data storage and applications

And it enables users to...

have improved transparency over their data.

have improved access control over their data.

reuse their data across services.

Which allows improved services that offer...





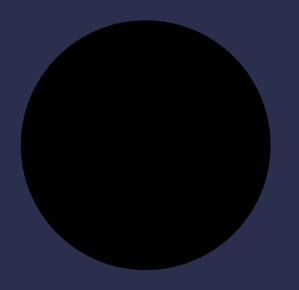








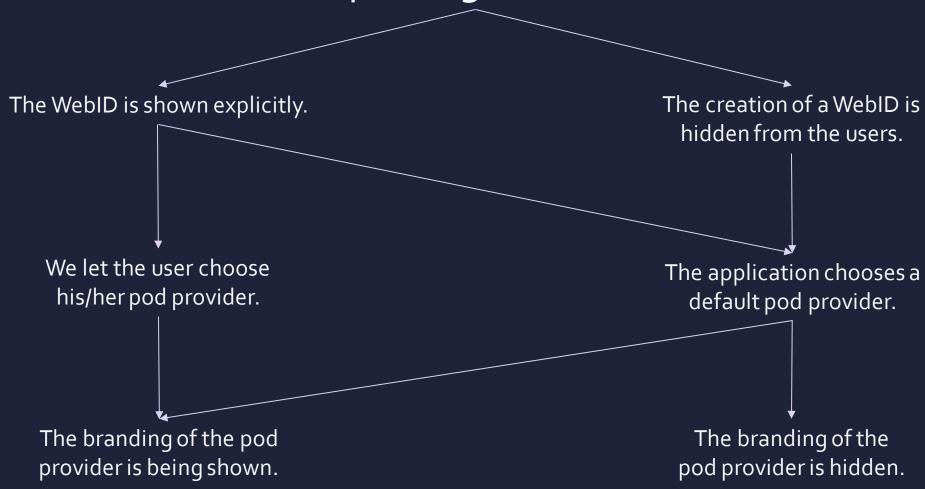
Part 2:
How our design decisions
might influence the
users'perception of Solid.



The image or 'mental model' that people will have of Solid, pods & WebIDs will depend on how they are confronted with it.

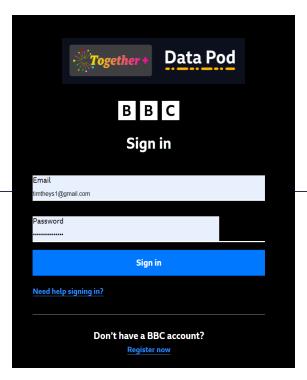
The scenario

A user creates an account for an application that makes use of Solid pods.

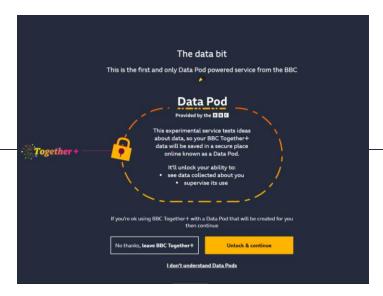


BBC watch party

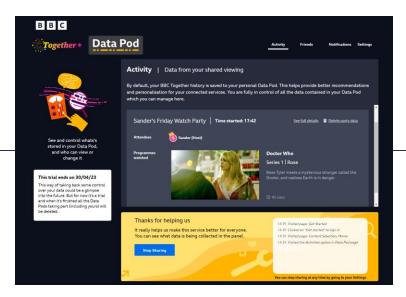
Login with BBC account

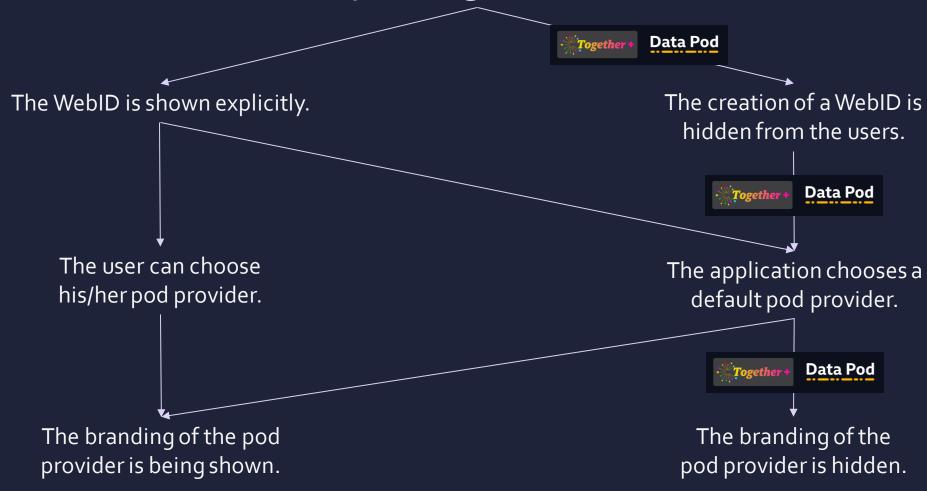


Information screen



Data Pod







have improved access control over their data.

> have improved transparency over their data.

the separation of data storage and applications

reuse their data across services.

Karamel



Maak jouw eigen datakluis met use.id!

Maak nu een use. d Webld aan zodat je altijd eigenaar blijft van jouw data. Nagen kan je meteen inloggen in het platform.

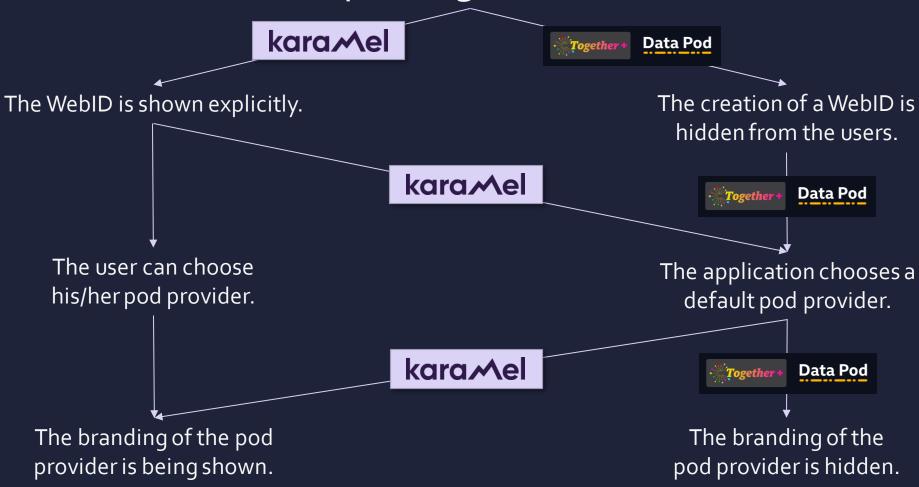


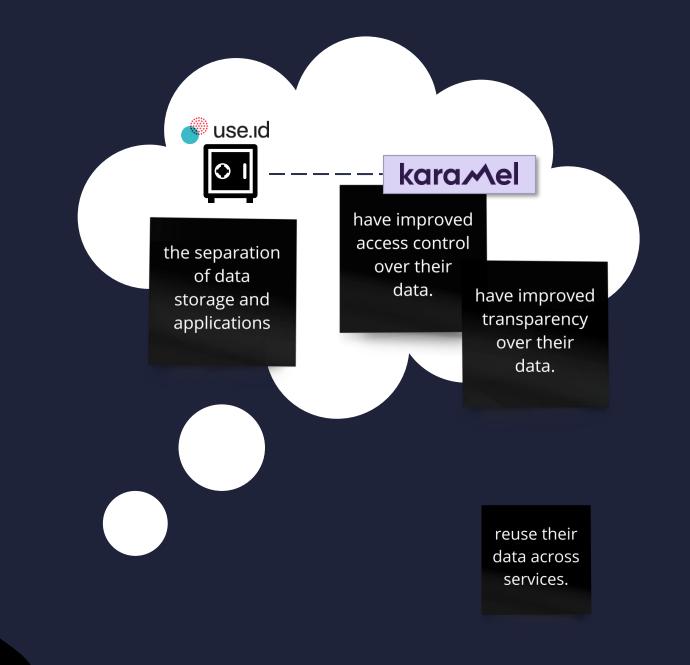
Email

☐ Ik ga akkoord met de gebruiksvoorwaarden.

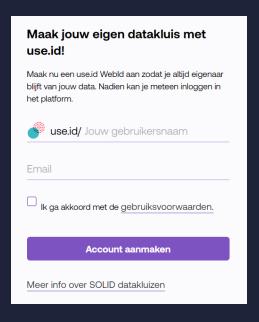
Account aanmaken

Meer info over SOLID datakluizen



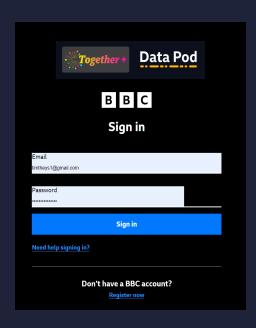


The WebID is shown explicitly.



If users are not aware a WebID is created, they will also be unable to reuse it across services.

The creation of a WebID is hidden from the users.



Confronting the users with a WebID might be an extra hurdle, it's better to couple it to an existing account they know and trust.





Bedankt & nu tijd om te supporteren voor onze Rode Duivels

Tim.Theys@UGent.be







