



IDENTITY IN AN ETHICAL INTERNET COMMUNITY

orchestral

PANGEA & UPC

trustchain@pangea.org

November 15th, 2023



TrustChain Project. Funded by the European Union under GA No 101093274. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



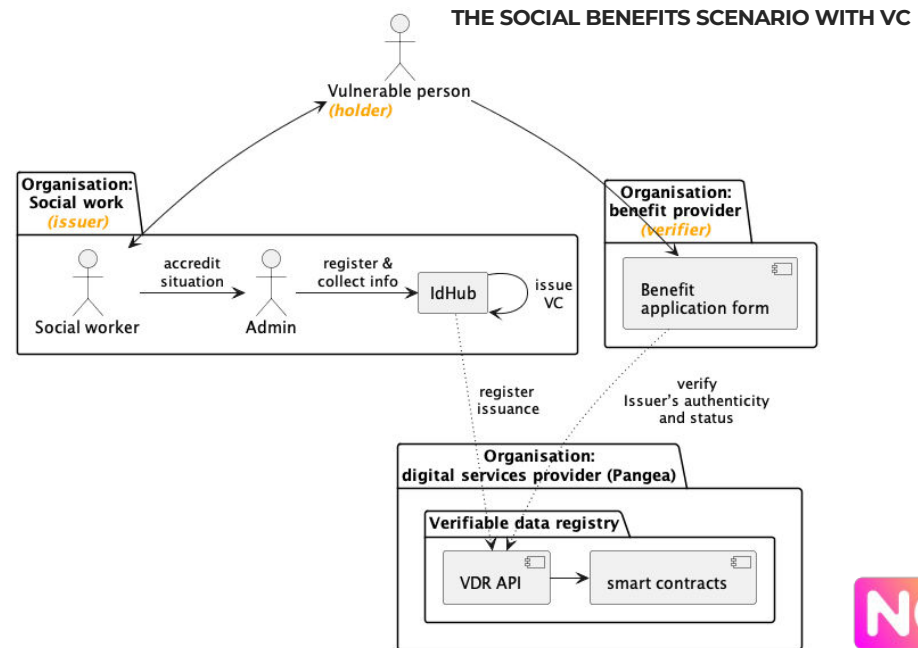
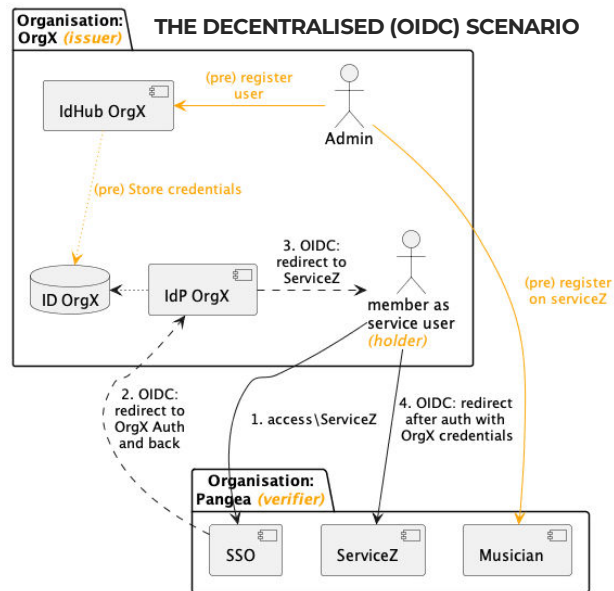
TECHNICAL APPROACH AND INNOVATION

What and how we are doing this ...

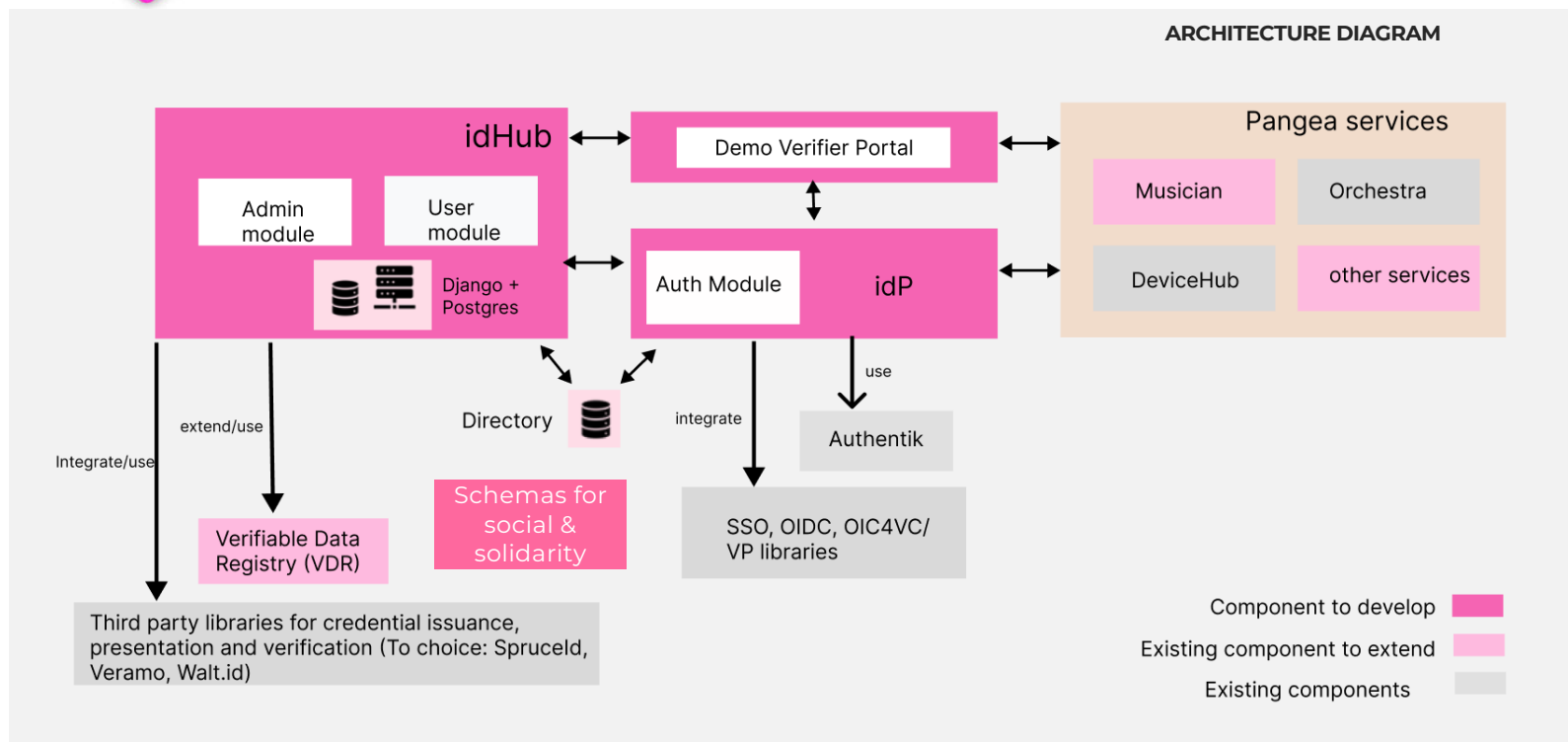
- Co-designing and implementing an **identity management system** tailored to **organisations working with activists and marginalised citizens** to enable a **member of one organisation access a service offered by other organisations without needing to disclose extensive personal information.**
- The identity management system provide **simple tools** to each organization to **issue credentials (membership, training certificates, vulnerability situation)** that can be presented by their users and **verified** by other organizations in the community to **provide a benefit or access to a service.**

TECHNICAL APPROACH AND INNOVATION

By leveraging **Verifiable Credentials** and **OpenID Connect** technologies within a **common schema**, based on EBSI schemas, we can foster a **meaningful** trust chain



SERVICES AND MODULES, AVAILABLE TO OTHER PROJECTS



HOW THE HUMAN CENTRIC APPROACH IS ADDRESSED

The HCA roadmap:

Expected to ensure that the solution meets the needs of the users and provides a positive user experience:

- **Phase 1:** Selection of organisations and users
- **Phase 2:** Recruitment
- **Phase 3:** User organisation engagement
- **Phase 4:** Analysis and evaluation of data collected
- **Phase 5:** Iteration and improvement

ORGANISATIONS AND COMMUNITY INVOLVED

- **Pangea.org**: A collaborative internet services platform in Spain part of the global Association for Progressive Communications (APC) (**63 countries**). **330 associated organisations, around a thousand members**.
- **eReuse.org**: A non-profit organisation providing resources and support for electronics reuse. Regional scope: Global. **18 organisational members, 9 partner organisations**.
- **OpenArms.es**: A Spanish non-profit organisation based in Barcelona, providing resources and support for people in need, focusing on social inclusion and integration. More than 600 volunteers. These volunteers have helped **rescue more than 60,000 people at sea**.
- **Pare Manel Foundation**: dedicated to providing support and resources to young and vulnerable people in Barcelona. **10 organisational members, 39 staff, 80 volunteers**.
- **Expansió de la Xarxa Oberta** (exo.cat): organisation promoting the use of community-led communications network access and open-source software. **100 individual members**.
- **SomConnexió** (somconnexio.coop): cooperative promoting digital sovereignty and data ownership in telecom services. **6650 individual members, 512 organisational members and 23 staff**.
- **Setem** (setem.org): A Spanish NGO federation working on sustainable development and social innovation. **1520 members, 223 volunteers and 32 staff**.
- **Catalan Federation of NGOs for Development, Peace and Human Rights** (lafede.cat): A federation of NGOs in Catalonia working on development, peace, and human rights. **124 organisational members** and 11 staff.



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