Introduction

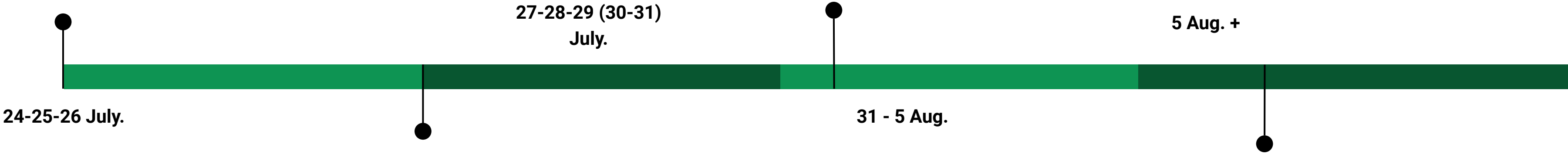
For this dApp, principal use cases will focus on portable reputation and modular trust. As we expand the accessibility of sociocultural inclusivity, access, and coordination between shared groups, either based out of different locations (remote) or from another organization (group), decentralized effort is now common. Many user have experienced or encounter issue, closely related to access restriction, signaling capabilities or shared communication channel for example. Keeping in mind that zero-trust is always at the forefront, we can still manoeuvre under these parameters and build a flexible and robust application, to support us moving towards a decentralized future. Trust, especially, and reputation, are significant, or can have major impact anywhere you will go, thus having direct consequences, or benefits…

My suggestion is to implement a nice & easy knowledge graph, with portable badge (rep, trust, Gitcoin passport(…))

This project can be merged later, with additional features or as a modular detachable block (system architecture) to eventually improve the apps as needed, add capabilities or partners cooperation application (SIP framework), or to any system (The one I am building at the moment).

I included in the slides the current architecture diagram and roadmap plan to explain how it can be done or what are the functionalities. For a time schedule you can view slide no.2 - If you need additional details, feel free to let me know or as I will put this project open-source, you can also send a request as feature request or as a issue in GitHub. You will also be able to modify the repo as you wish, once the app will be in working condition or even during if you would like to participate.

Roadmap



24-25-26 July.

Mock-up app and System Architecture

Quick app design and system architecture diagram

27-28-29 (30-31) July.

Re-design SUDO app Social! (sudo git badge) (sudo kev badge)

Selects kudos, redesign some and create a new one (maybe 2-3 if I have time) then test smart contract and functionality

31 - 5 Aug.

App building phase - Integration - Testing ↔ Iteration

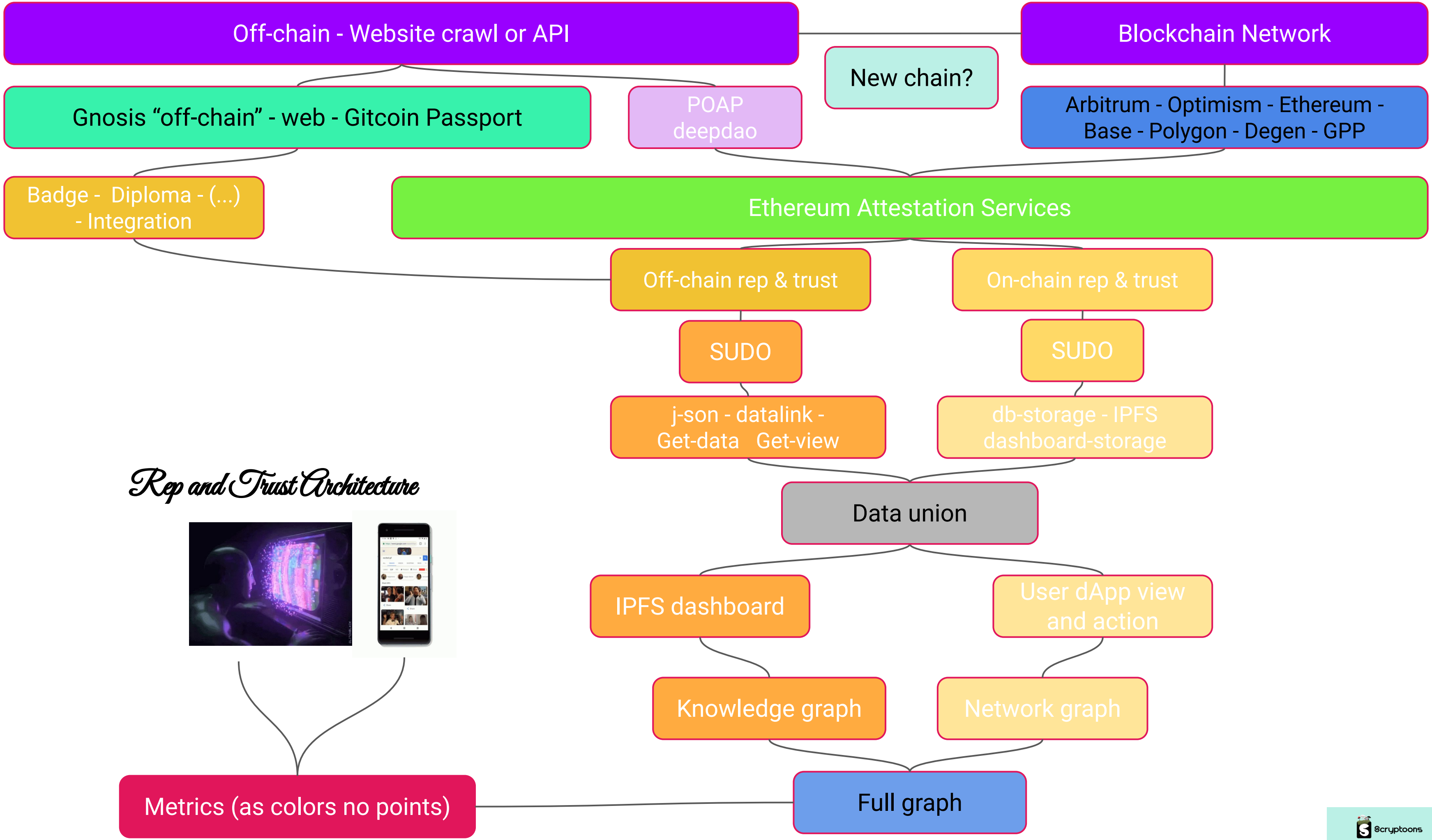
Application development, integral and external integration, testing and iteration, feedback loop →

5 Aug. +

App validation and ready to launch

While validating the app even after the testing phase, there might be additional details and technical improvements to be made or continuous integration and futures updates needed.

Rep and Trust Architecture



Off-chain - Website crawl or API

Blockchain Network

New chain?

Gnosis “off-chain” - web - Gitcoin Passport

POAP
deepdao

Arbitrum - Optimism - Ethereum -
Base - Polygon - Degen - GPP

Badge - Diploma - (...)
- Integration

Ethereum Attestation Services

Off-chain rep & trust

On-chain rep & trust

SUDO

SUDO

j-son - datalink -
Get-data Get-view

db-storage - IPFS
dashboard-storage

Data union

IPFS dashboard

User dApp view
and action

Knowledge graph

Network graph

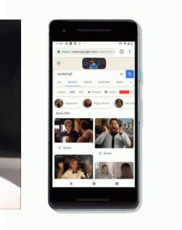
Full graph

Metrics (as colors no points)

@cryptoons

App Vivaldi

29°C
11:01
Car is active
Ignition is on
READY
TM 28.7 km
40 km



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