Inji Hands-On: Create Your Own Verifiable Credential Wallet with Inji

Format: Presentation and Live Integration

Date: 11th/12th February, 2026

Duration: 75 mins (Including Q&A)

Target Audience: Countries, SIs

Targeted Expertise/Roles: Developers, Technical Architects, Technical BA, System Integrator, Countries

Max. no. of Participants: 40

Pre-requisites: Pre-registration for the session, Review pre-read material

Presenters: Inji Team

Objective:

Building your own digital verifiable credential wallet requires adherence to OpenID4VCI standards for downloading credentials and OpenID4VP standards for presenting credentials securely. It also involves implementing robust cryptographic storage, secure keystore mechanisms, and strong key-management workflows. The process of building a wallet, along with a practical use case, such as issuing a student ID, employee credential, or access pass, will be showcased to illustrate real-world applicability.

Target Audience:

- Developers
- Technical Architects
- Technical BA
- System Integrator
- Countries

Session Outcome

By the end of the workshop, participants will:

- Understand the architecture of a **verifiable credentials wallet** based on **OpenID for Verifiable Credential Issuance (OIDC4VCI)** and **OpenID for Verifiable Presentations (OIDC4VP)**.
- Build a standards-compliant **VC Wallet** using **Inji libraries**, aligned with **W3C Verifiable Credentials Data Model 2.0**
- Implement **end-to-end credential flows**, including issuance (download), secure storage, presentation, and verification.

- Gain hands-on experience with **code integrations** to implement core wallet features.
- Use the **sample wallet project** as a foundation to build or extend custom wallet

solutions

Pre-Read Links for Participants:

1. Digital Wallet - Technical overview of what digital wallet is, wallet responsibilities
2. Actors in the VC Ecosystem (Issuer, Holder, Verifier)
3. Optional for deeper understanding: Mobile Secure Keystore Concepts

Pre-Requisites

Optional:

1. Laptop with
    a. IDE - Android Studio
    b. Basic Wallet skeleton setup in IDE
    https://github.com/mosip/inji-wallet/tree/master/sample-application
2. Physical Android device

Attendees are encouraged to experience the live coding hands-on (optional).

Thank you. We look forward to your participation in the session!
