Local QES - Enrolment

High Level Description:
In the local enrolment flow, the User is allowed to enroll to local signing mean which can be utilized for the creation of eSignatures. It shall be clarified that a default signing mean is expected to be provided within the EUDI Wallet by the Member States, but it will also be possible for Users to enroll to additional signing means/services.

Journey Steps
Which step of the experience are you describing?
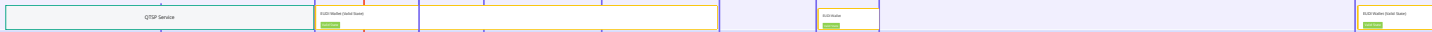
Usage
How would they use the app?

Enablers
What do they need

Internet Connectivity

For user: Being able to authenticate via PIN/biometrics etc.

User
EUDI Wallet Holder

- Navigates to a certificate authority's website
- Requests a Qualified Certificate
- Opens EUDI Wallet
- Identifies to EUDI Wallet
- Reads error message
- Scans QR-code
  - May be opened via application's store (more functionalities can be added e.g. deep link)
- Views/Selects requested data or data types and types or requestor
- Confirms authorizing disclosure of data ('Accept' button, PIN, Biometrics)
- Sets up signature/private key (PIN, Biometrics)
- Receives confirmation

Touchpoint
What service do they interact with?

QTSP Service

EUDI Wallet (Solid State)

EUDI Wallet

EUDI Wallet (Solid State)

Backstage

EUDI Wallet

- Verifies QTSP
- Collects and Presents the Required Data
- Verifies Authorisation
- Stores certificate
- Stores QSCD/ QTSP data
  - Storing details about the QTSP/QSCD such as which is the QTSP and how information will be used for future interactions

Signature Creation Device (Local)
(located in the EUDI Wallet or an external signature creation device)

- Authenticates user
- Creates key pair
- Creates Certificate Request
  - The Certificate Request is signed with the private key
- Stores certificate

QTSP

- Generates and presents request for the required data (e.g. QR-code)
  - The interaction between the EUDI Wallet and the QTSP is ultimately dependent on ever via a QR-code, but it could also be achieved through other means, e.g. deep link
- Verifies Certificate request
- Verifies Wallet
- Authenticates User
  - It can based that the authentication using the QTSP shall be a QES-compliant authentication, in case particular authentication mechanisms are required to be put in place to protect the disclosure of particularly sensitive data and transactions
- Creates Qualified Certificate
- Stores certificate
- Delivers Qualified Certificate