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GETTING A JOB ABROAD DEMONSTRATOR

HELPING FREEDOM OF WORK

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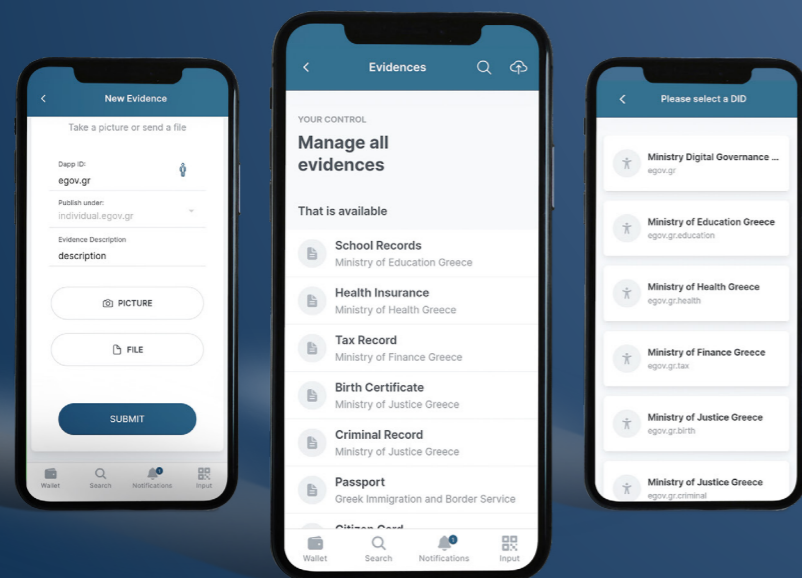
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GETTING A JOB ABROAD HELPING FREEDOM OF WORK

This demonstrator follows the principles of the general case study towards paperless bureaucratic processes. A solution is designed and deployed to allow any citizen to carry, in their digital wallets, the required evidence of educational achievements provided by formal education institutions (e.g., universities, technical schools, secondary schools, etc.) accredited by their respective countries (typically managed by the corresponding Ministries of Education). These certificates can also be Professional Training certifications (provided by accredited training schools) in any area (e.g., cybersecurity, hotel management, or Javascript programming).

In addition to carrying evidence of educational achievements in a format that can be verified in real-time by anyone to whom the job candidate grants access, letters of recommendation can also be accessed and properly verified without having to contact the issuer of such recommendations. The current process is time-consuming, prone to fraud, and expensive (especially when it is required to send all educational certifications).

The wallet serves as the secure entry point to the citizen's educational history, which includes all relevant transactions and is not limited to the final results of scholarly achievements. In this case, it is possible to store all personal achievements such as enrolling in a class, completing a class, completing a degree, reporting a score, etc. Intercommunication with external databases for storage (for example, the actual recommendation letter issued by a specific person) is supported, as well as mechanisms to limit access to specific information for a limited time period. All transactions are stored in the validation ledger and demonstrated with the usage of the Unified Digital Identity Device (UDID) as well as regular mobile devices.




SINGLE SIGN ON WALLET AS A SERVICE WHY IT IS NEEDED

The Glass Wallet is a secure mobile application accessible through a browser, incorporating Single Sign-On features, Key Sharding algorithm for recovery, Data Sharing, Key, DID and Evidence Management. Additionally, it features a comprehensive dApps ecosystem that integrates with the eGovernance ecosystem, enforces permissions between dApps, and provides access to Native APIs.

- ✓ A multifunctional single sign-on wallet manages users' transactions from interactions with multiple services
- ✓ Ability to bypass most bureaucracy for processes that should be simple by default.
- ✓ Citizens may decide what information to share, with whom and when
- ✓ Controlled by an integrated web-based interface or a mobile App, enabling participation of all relevant communities (elderly, migrants, people with disabilities or people with limited digital knowledge)
- ✓ Enables a two-way digital interaction path, without central authorities, making citizens owners of their personal data
- ✓ Known/Accessible only to the user


HELIN IS HIRED AS A JAVA DEVELOPER DEMONSTRATOR

Helin is hired as a Java Developer. To digitize and share her educational achievements, she needs to do the following steps:




INSTALL THE WALLET & THE GOVERNANCE DAPP

- * Install the Mobile Application
- * Create an Account
- * Enter the Glass Wallet's DID
- * Select your desired encryption
- * Install an eGovernance App
- * Select the Ministry of Justice from the wallet's Demonstrators Home
- * Create eGovernance installation QR codes



UPLOAD A NEW EVIDENCE

- * Select Evidences from the wallet's menu
- * Create new Evidence
- * Select a DID to sign
- * Add an evidence Description
- * Upload the new evidence (ex. CV) in a pdf format or taking a photo
- * Submit the new evidence
- * Receive Notification that evidence has been submitted



NEW SHAREABLE EVIDENCE LINK IS GENERATED

- * Select Evidences from the wallet's menu
- * A new Link is generated for the new evidence
- * By dragging the new evidence to the right, a copy button is appeared
- * Copy the link and paste it into your browser and confirm the CV is displayed



Single Sign-on eGovernment paradigm based on a distributed file exchange network for Security, transparency, cost effectiveness and trust

GLASS puts the individual at the heart of controlling their own relationship with government & business

GLASS introduces an advanced e-government solution aligned fully with the EU eGovernment Action Plan 2016-2020 and the EU Digital Single Market strategy.

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GLASS SUPPORTS THE FREE MOVEMENT OF CITIZENS & BUSINESS

Free movement of EU citizens is a fundamental principle of the Article 45 of the Treaty on the Functioning of the European Union and developed by EU secondary legislation and the Case law of the Court of Justice.

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