



DIGITAL WALLET

Legal documents on Blockchain

SAP Leonardo Hackathon Winner

Winning Criteria for



Use Case Hackathon



Creativity

The submissions were judged based on the idea and use cases for the proposal.



Business Value

The proposal should be useful so that it can be aligned with wide range of SAP products.

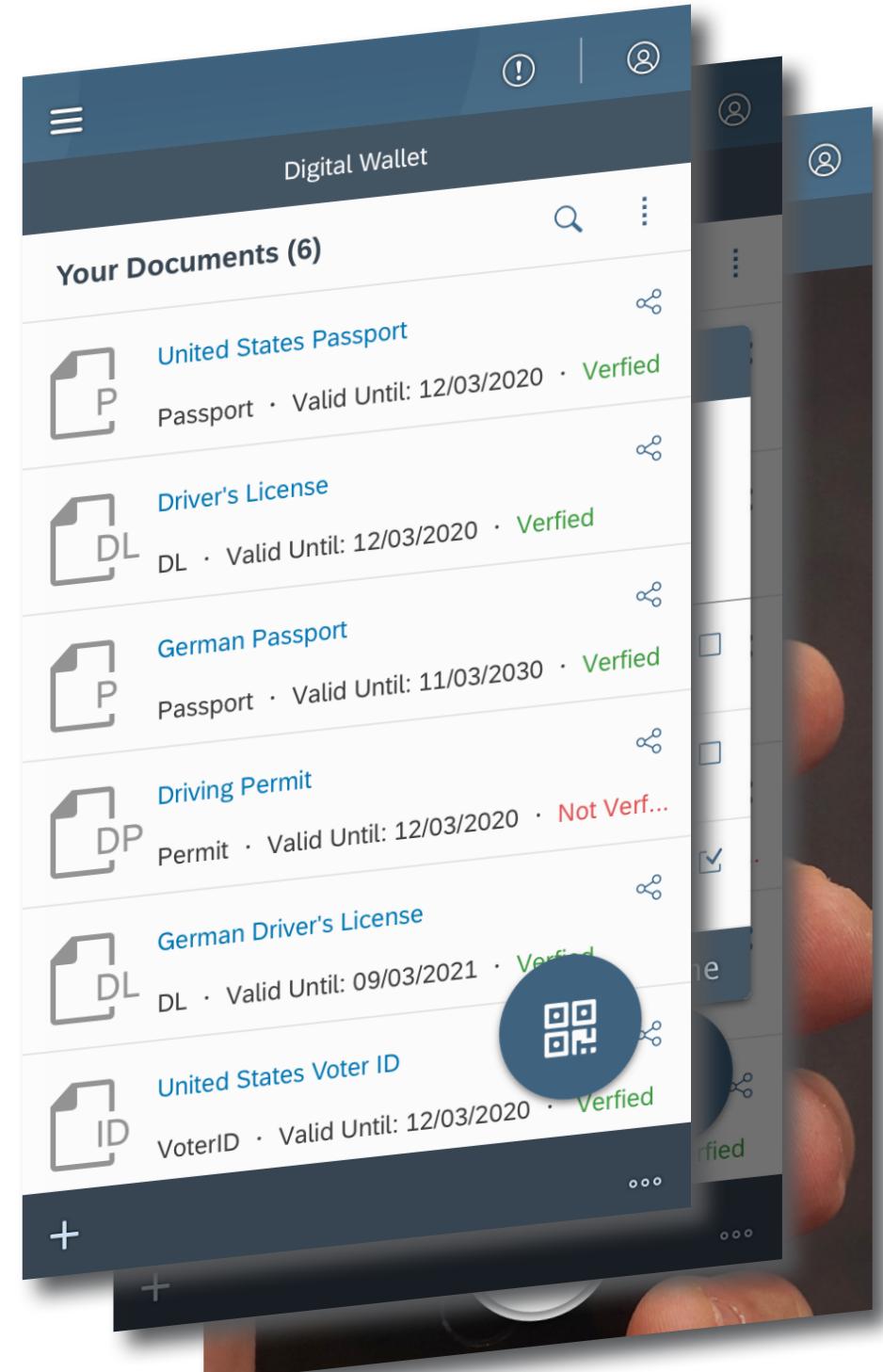


Feasible

The proposed idea should be practical and atleast partially implemented for Demo.

PROCESS

- ① Asking Questions
- ② Addressing Problems
- ③ Research
- ④ White Boarding
- ⑤ Use Case for Demo
- ⑥ Sketching
- ⑦ Prototyping
- ⑧ Development
- ⑨ Presentation



PROBLEMS

Based on addressed questions

- 1) How do we revoke wrong information?
(Kettenbruk?)
- 2) How do we prevent wrong information from entering the system?
- 3) What happens if you lose access?
- 4) How would citizens initiate a Blockchain hashed document?
- 5) What if no internet/Cloud access?
- 6) Moving to different system (geographical/online/governments).
- 7) (Encryptions) Privacy Concerns?
- 8) One time access?
- 9) Split documents based on need-to-know.
- * 10) Update documents.
- 11) Machines/Decentralized Blockchain?

Adaptations

People are not very sure about using and moving on to the online official documents.

Accessibility

The other concern arised was the 24*7 availability of the documents/IDs and ease of access across the world even without internet.

Scalability

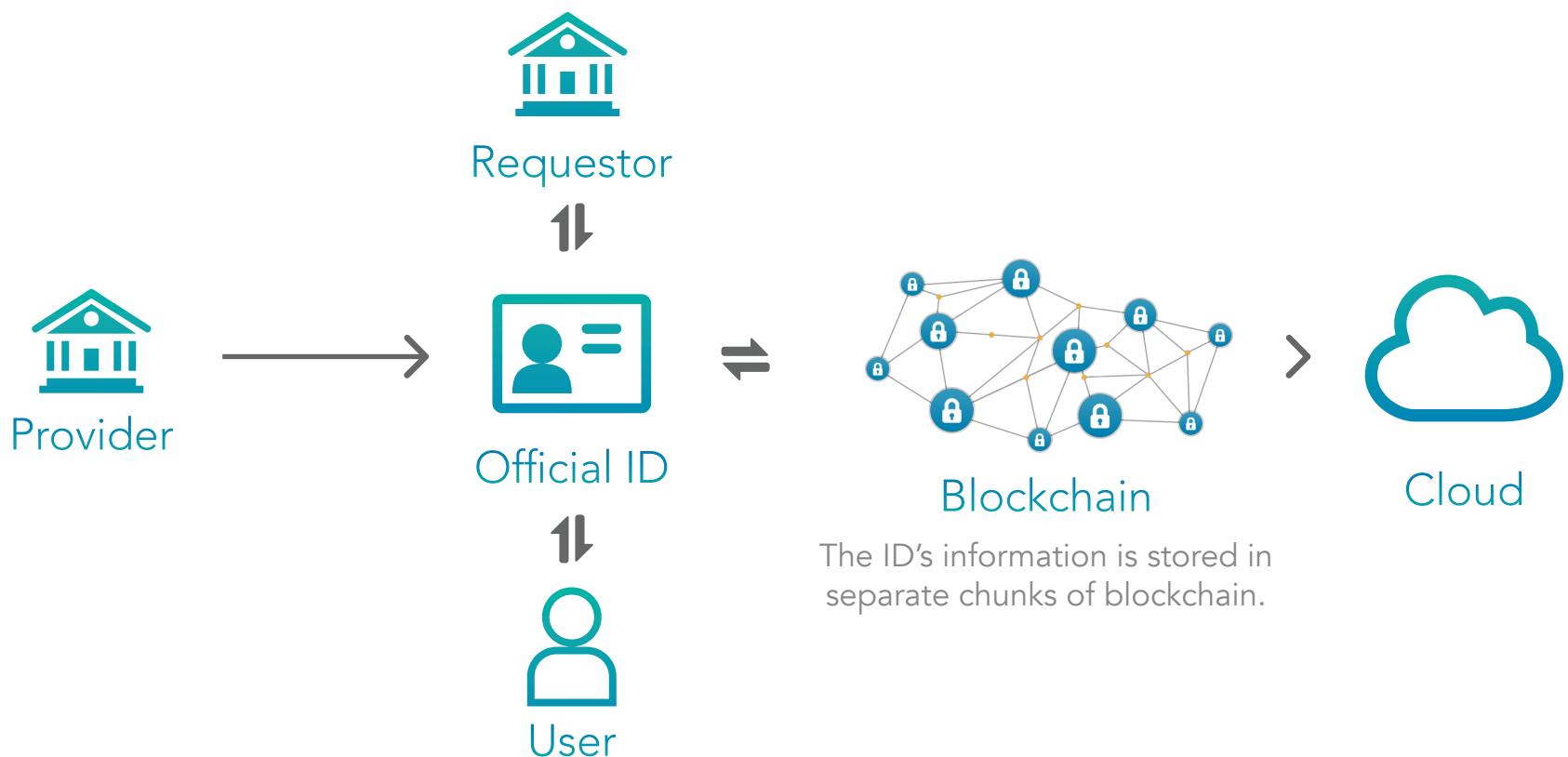
Scalability is one of the most severe problem since this would cost extra efforts for government organizations to process and validate official IDs.

Security

Recently, the online data/information leak news is so common and that's the main reason why people are skeptical about moving to online IDs/documents.

SOLUTION

Storing Documents on Blockchain



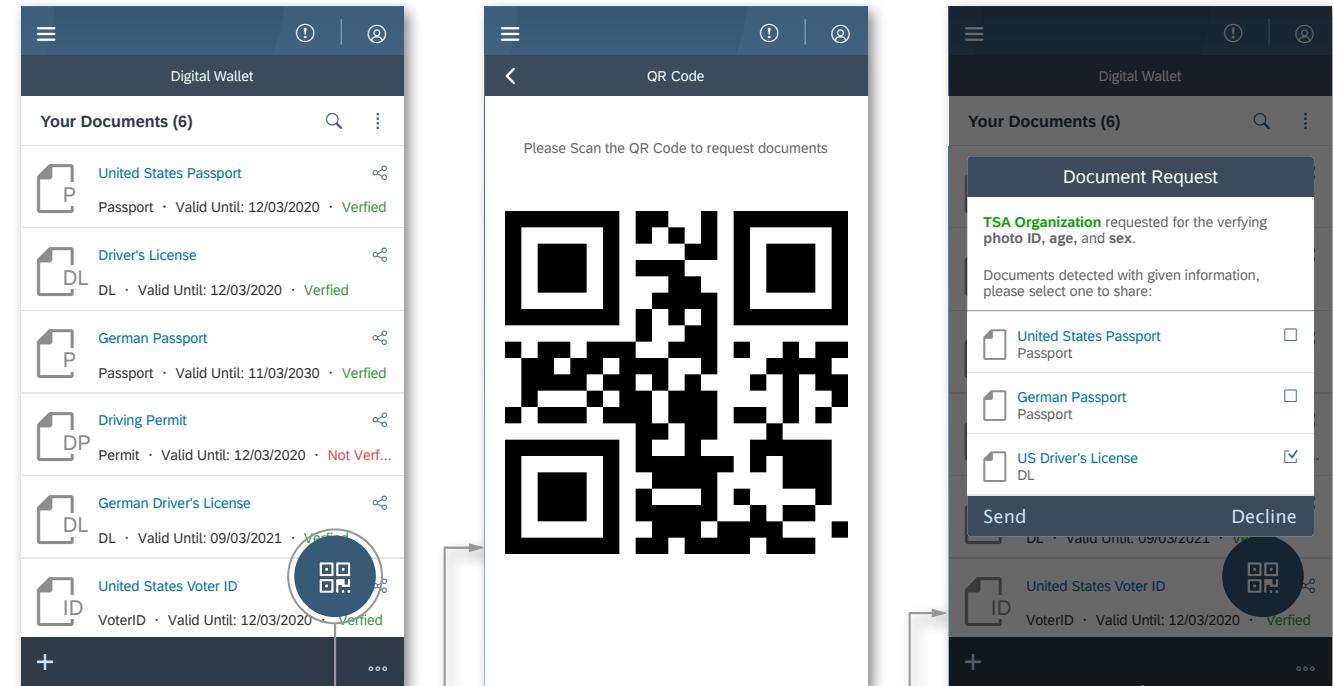
PROTOTYPE



Meet John

Step 1: John provides his unique QR code to ABC's employee.

Step 4: John is suggested with the available documents to provide the requested info.

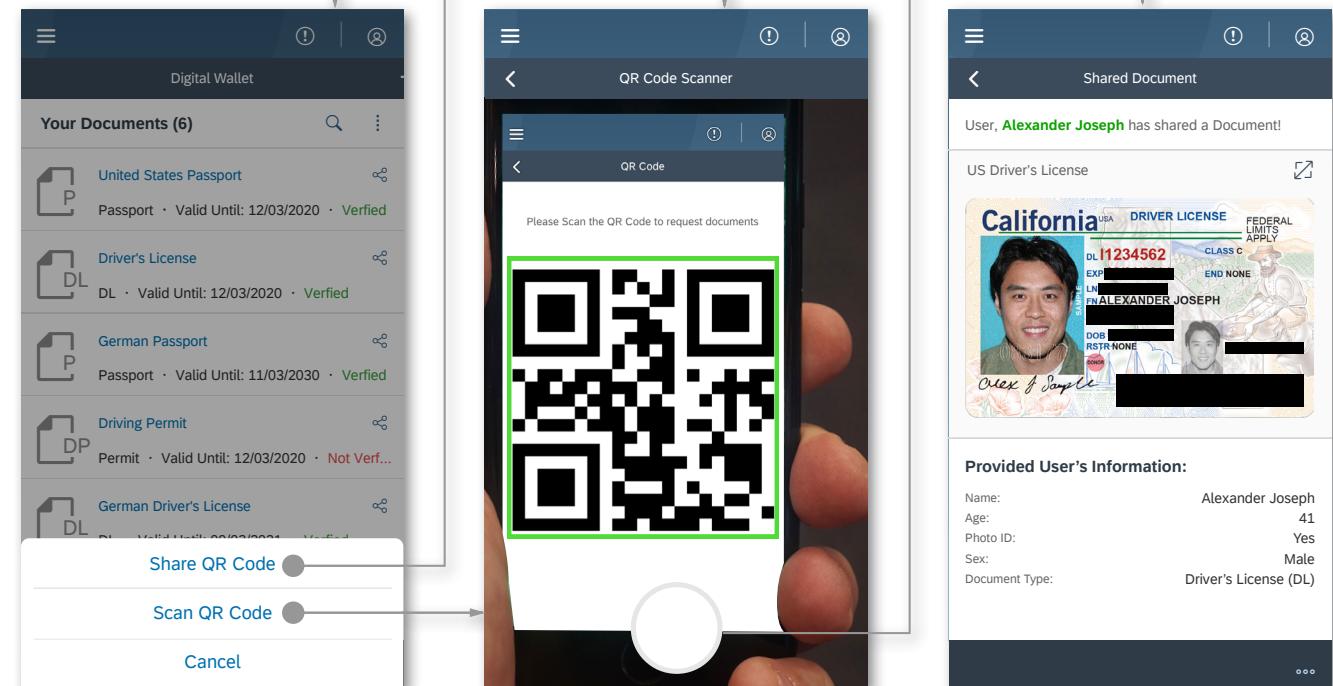


ABC Rental Cars

Step 2: The employee scans John's QR code.

Step 3: The ABC's employee then sends a request for information like Photo ID, Name, and Age to John.

Step 5: The ABC's employee gets the info from John along with a redacted Photo ID.



THANK YOU

Team:

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Daniel Thevessen (Developer)

Yogesh Motwani (UX Designer)

Purushottam Dev (Business Expert)