

## Combining FIDO®/CTAP2 with a Payment Wallet

This presentation outlines how the FIDO®/CTAP2 API and the W3C WebAuthn standard could be augmented with meta data holding virtual payment cards.

The authorization system builds on an enhanced EMV® concept, where a card can represent any account based payment scheme, including the international card networks and SEPA, as well as national networks.

Although not shown here, a card is after registration, also intended to be usable for payments at the counter (POS). P2P payment support is also in scope.

A detailed description of the actual data exchanges and wallet data is available at:  
<https://fido-web-pay.github.io/>

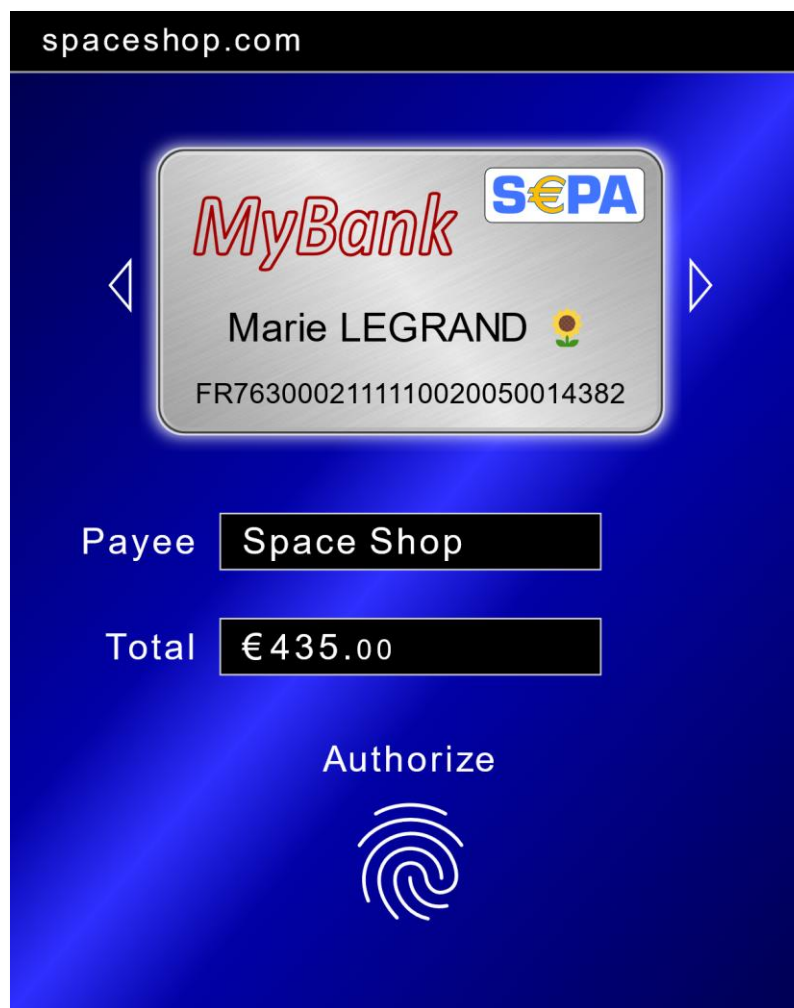
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## Wallet – Non-normative UI Sample

Integrated payment experience  
extending the UI compared to  
current payment terminals.

The very same UI and security  
solution is used regardless if  
paying online or locally.



← Merchant host name

← Swipeable list of virtual cards \*

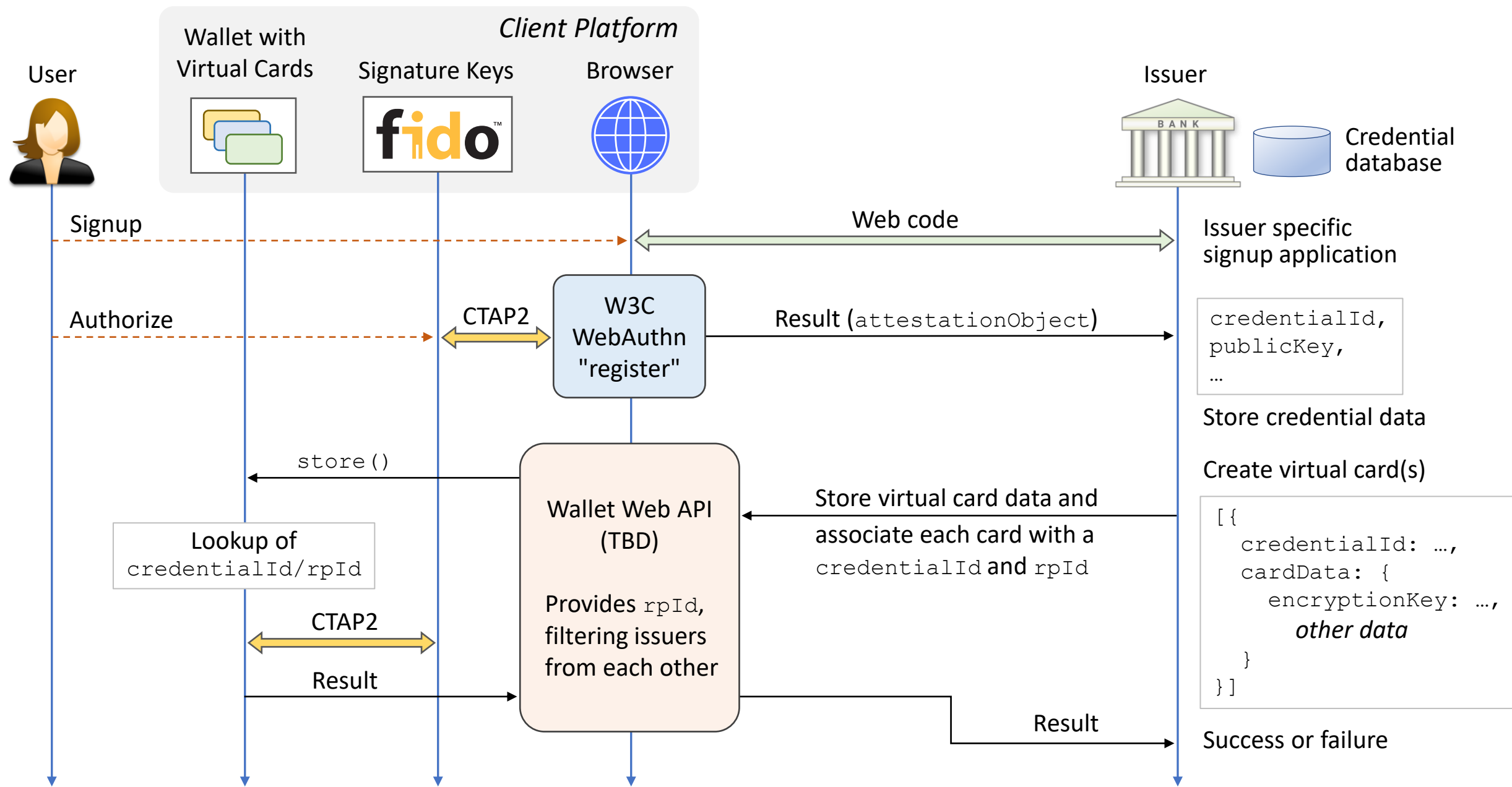
← Merchant common name

← Amount to pay

← Activates the authorization key

\* Only cards matching the payment networks supported by the merchant will be shown

# Wallet – Virtual Card Enrollment



# Wallet – Online Payment Authorization

