

PRODUCT COUNCIL: MID PI REVIEW(2024)

PROJECT NAME:

Mojaloop (Localization)



1. Executive Summary

The Localization Workstream aims to enhance the accessibility and usability of Mojaloop across different regions by addressing currency, time zone, and language requirements. These efforts are critical to ensuring that Mojaloop operates smoothly for various users and contexts by aligning key aspects like language, currency, and time zone to local needs.

2. PI Focus

Our workstream's focus for this PI are as follows:

- To define the currency and time zone localization requirements

Our focus for vNext:

- Implementation of currency and time zone localization

3. Achievements so far

Time zone Setup:

Successfully completed the device system timezone implementation (MVP). This enables the system to operate based on the timezone configured on user devices.

Currency Configuration:

Defined the requirement for a currency list that enables hub operators to manage transactions in multiple currencies during the hub deployment stage.

Language Localization:

Research on libraries for multi-language support has been completed. Tools like Polyglot, Gettext, i18next, Globalize JS, and React-Intl have been evaluated, laying the groundwork for future development. An MVP was done however only on a local project and not on a financial portal.

4. Pending Tasks

Time zone Configuration for Users:

The next milestone involves implementing configuration ability for each user.

Single Hub Time zone Setup:

Still to be completed. This involves setting up a single time zone for the hub, which is important for overall system consistency.

Language Localization Development:

Development is still ongoing. Although research has been completed, actual implementation and testing of language localization in Mojaloop are pending.

5. Next Steps

Time zone Localization:

- Begin the work on allowing users to configure their preferred time zone within the system.
- Finalize the single hub time zone setup and ensure uniform handling of time-sensitive processes.

Language Localization:

- Move forward with implementing the selected libraries and frameworks for multi-language support.
- Begin integrating and testing language localization across key user interfaces in Mojaloop.

Currency Configuration:

- Operationalize the hub currency list to enable multi-currency transaction handling during deployments.