

# Localization Tool

## Functional Specifications

Revision 1.1

### Executive summary

Localization tool brings out an efficient and most suitable way of handling the localization strings and new language app launch reducing the effort and time needed to do the job in comparison with tradition way of localization

## 1. INTRODUCTION

In the present era of growing digitization, the apps have acquired most of our day-to-day activities. This also creates a need to have the app in the local language rather than the generalized single languages so that user can better interact with the app in his/her own comfort. Here is where, Localization tool system draws upon. **Localization tool is one such system which dexterities the process of manually updating translations for multiple languages and eliminates other possible errors.**

## 2. PROBLEM DEFINITION

Introducing an app in new language being a very crucial part in a system, to make an app available in certain language there comes the need to manage the localization files and in this case manual errors also come into play which will impact on the quality. Introducing/onboarding a new country becomes another impediment on the way. And when it comes to introducing the app in multiple languages or for multiple countries will involve possible adHoc requests, time needed for testing the whole apps and having the release activities become the whole of a task. The tradition approach ingests a lot of time and manual effort.

## 3. OBJECTIVE

To create a single point system wherein the users/admin/respective country champions can introduce the app in multiple languages and onboard the new country with their preferred language.

## 4. SCOPE

This system is beneficial for country champions or the stakeholders who wants to introduce our app in new language, translate certain strings for the apps or onboards new country.

## 5. METHODOLOGY

Admin as a user of this system should be able to add, update the localization string to be reflected in the app.

Following are the steps involved for admin:

1. Admin should login to admin console with username and password.
2. Select the project in the dashboard screen.
3. If first time adding translation, then admin should import the translation file. Then continue with step 4(if needed).
4. Admin can Filter the results by platform (Mobile/Web), Countries. Also, he can search by the key.
5. Admin can edit the existing entries, add new record, or import in bulk.

Localization process involves admin doing the necessary changes needed in admin console which gets stored in server from where it in turn gets reflected in the platform applicable (iOS, Android and Web). Refer Figure 1: Localization Process.

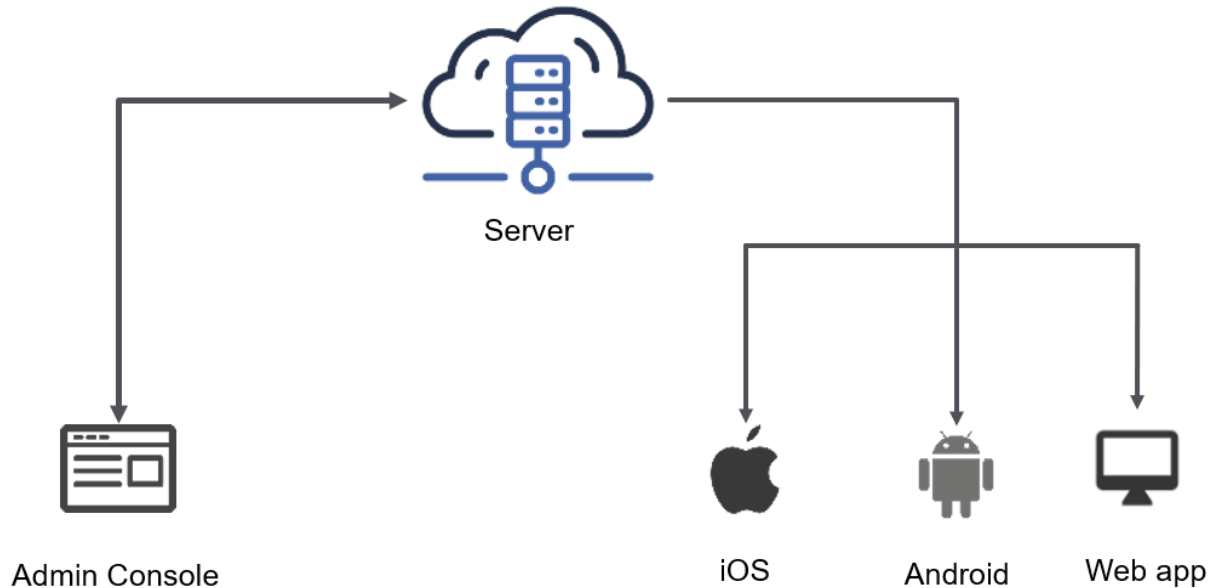


Figure 1: Localization Process

## 6. CONCLUSION

Localization tool thus becomes the one-stop solution for all the hurdles faced while introducing the app in multiple languages also when introducing new app. As a whole, this system avoids the need for multiple releases, in the case of translation update, new language launch, and new country launch. The admin dashboard itself will serve as localization file manager instead of having at multiple places, compilation errors and discrepancies will be avoided. Migration and distribution also becomes easy. This tool also is a time saver to a greater extent in many scenarios. Overall, Localization tool increases the efficiency in what we do.

## REFERENCES



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