

QUOTATION FOR TELDUTALA.FO – STAGE 2

NOVEMBER 2016

IMPROVEMENTS THAT WILL BE IMPLEMENTED AS PART OF THE SUPPORT CONTRACT

These improvements will not be charged but they will be included as part of the current support contract. A planning for all the required changes will be provided when all the choices are made.

1. ACCESSIBILITY

Improvement on the web interface based on feedback from visually impaired users.

2. FINER HIGHLIGHT

Possibility to highlight the currently spoken word (within a sentence) with a different color.

QUOTATION AND OPTIONS

3. CONTROL OVER CURSOR POSITIONING

Regarding possibilities for choosing where to start reading there are two options. The options are not mutually exclusive, so we could implement both 3a and/or 3b. Note that behavior will be slightly difficult on web compared to mobile (as noted):

3A) DOUBLE CLICK ON A WORD TO START READING FROM THAT POSITION.

- **Comments:** On the web the user will double click. This feature will not be implemented on devices, where we recommend to use navigation buttons.

3B) NAVIGATION BUTTONS

- **Comments:** We will add 4 buttons: one to skip one sentence back, one to skip one sentence forward, one to skip one paragraph back, one to skip one paragraph forward. Included in this option is the possibility to share a document with reading already set to the current position.

4. IOS AND ANDROID APPS

We have two main alternatives, one where the TTS is online and therefore requiring internet connection all the time, one where TTS is offline and allows working offline.

4.1 ~~FRAMED APP (ONLINE TTS)~~

~~Same functionalities as teldutala.fo. Basically the website is included into an app providing some additional advantage as that the user does not need to login each time. However TTS is online so the app can only be used when connected to the internet.~~

4.2 NATIVE APP (TTS ON DEVICE)

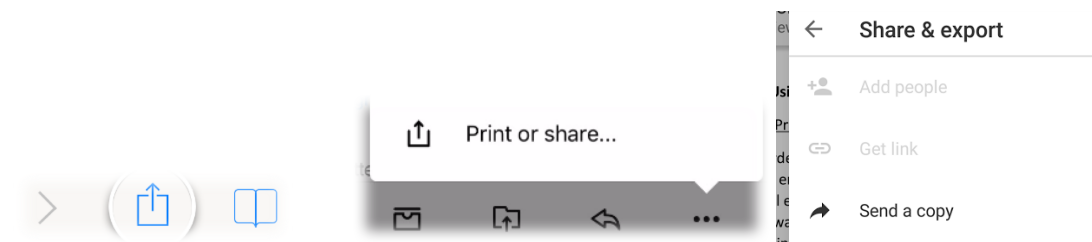
After some thoughts, we decided that the best is to use a technology like Xamarin that allows reusing much of the code when developing on several mobile OS and therefore keeping costs lower.

The app will use internet only to access the account/library, but the TTS is offline so no traffic required to convert text into speech.

When the device is offline, the user will still be able to type/paste text and listen, but will not be able to access his/her library and account.

4.2.1 SHARE FUNCTION

This extra functionality requires 4.2. It allows sending text to the teldutala app via the iOS/Android share functionality, as for instance the following examples:



Meaning that the app function will be to provide a way to use Faroese TTS to hear anything that can be shared on an iPhone, for instance a website, an email, a Pages document and any other app supporting possibility to share or send document.