# Informe de

| Descripción/Objeto | Brief  Accessibility Analysis for Visualization Tool |
|---|---|
| Destinatario | Johannes Filter |

| Editado | Revisado y Aprobado |
|---|---|
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# Índice

# 1. Destinatario

# 2. Documentación/herramientas de referencia

# 3. Contenido

This a brief accessibility analysis for a visualization tool for NLP group of LSI department of UNED. It is only a list of good and bad things pointed out in a first view. It would be necessary, perhaps, a deeper analysis of this tool but in any case it must be considered as a starting point of a better accessibility document.

Good points:

- Good, nice and clear interface.
- Good color contrast. It must be checked in detail for each component with a specific tool (Contrast Color Analyzer).
- Good size and type font.
- Good layout of interface (Disposition Interface in two parts).
- Good decision of edit box. Simple and clear (with suggestion elements).
- Good navigation with tab key. Except for alternating with two display parts.
- Good choice of "heart icon" for "like button". But it must be checked with Contrast Color Analyzer.

Bad points (They must be checked):

- It is necessary to add tooltips for 4 main links (Home, login...)
- It is necessary to check in accessibility of "right panel" in order to verify whether screen readers can read JavaScript code for "cloud images". It must be with checked it with tools like "Jaws" or "NVDA" (this last one is free, open source).
- It is necessary to add access key for resizing, (zoom in, and zoom out) now it's only mouse implemented.
- Although keys in "Navigation History" it's a good design with breadcrumbs It is necessary to add keyboard navigation by arrows.
- It is necessary change bold font in "No result" advice. It must be checked in with Contrast Color Analyzer to verify it. It is necessary whether screen reader can read this notice when it appears on screen. Probably it will be possible if focus is set to this notice automatically, but it must be checked.

Conclusion:

In general accessibility of this tools is good, but we propose to check in detail this earlier points and to evaluate the full accessibility of these to ensure a better knowledge of the real accessibility state of this tool. At least we propose some changes and to verify some other to ensure a basic accessibility.