

Usability, User eXperience, and Accessibility Checklist for Deaf Assistive Technology (UUXAC-DAT)

UUXAC-DAT: is an assessment technology composed of verification items, divided into three groups (aspects related to perception, understanding, and operation). Its objective is to support Information Technology (IT) professionals during the assessment of Assistive Technologies (ATs) for the Deaf from the perspectives of Usability, UX, and Accessibility.

Assistive Technology (AT) aims to provide autonomy by expanding functional skills to promote independence, quality of life, and accessibility for its users.

Instructions:

- Check the option "yes" if the AT is complying with the verification item.
- Check the option "does not / partially apply" and leave a note regarding the aspect not met in the technology in the field "Observation", at the end of the questions in the category, if the AT does not meet the verification item or meets partially.
- Check the option "not applicable", if the AT does not have the functionality to be evaluated and when there are no situations that allow its evaluation.

jmcribeiro2108@gmail.com [Mudar de conta](#)



Envie novamente para salvar.

* Indica uma pergunta obrigatória

E-mail *

jmcribeiro2108@gmail.com

Your name: *

João Caboclo



App Name: *

Hand Talk



Group related to the perception of components of the graphic interface and other elements present on the screens, both in the execution of actions and in the response of the application

	Yes	Does not / partially apply	Not applicable
Are the texts available in the AT resource readable?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT resource have a legible caption?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Are notifications and feedback sent in vibrating and visual mode?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Are the images and videos of suitable sizes and qualities so that the Deaf can capture details about the hands, eyes, and mouth movements?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature contrasting colors between font and background?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Is the AT feature visually light and simple?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are the layout, fonts and color palette standardized?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature have visual and textual consistency across all interaction screens?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are the captions	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>



Are the captions displayed in the AT resource at the bottom of the screen?

Does the application block interruptions when representing sign language?



Does the AT feature show the progress of ongoing processes (such as downloading)?



Limpar seleção

Comments:

Does the AT resource have a legible caption? Depende de qual o plano de fundo selecionado para o aplicativo, caso seja o claro é legível, já se o escolhido for o escuro dificulta a legibilidade.

Are notifications and feedback sent in vibrating and visual mode? Não recebi feedbacks ou notificações por vibração apenas visuais.

Does the AT feature contrasting colors between font and background? Isso depende de qual for a cor do plano de fundo escolhido.

Are the captions displayed in the AT resource at the bottom of the screen? As legendas são mostradas no topo da tela.



Group related to everything that refers to AT in general, regarding the identification of the objective, the available actions, the way of handling, the retention, and mainly, the purely cognitive questions of understanding, which involve languages and languages

	Yes	Does not / partially apply	Not applicable
If an input error is automatically detected, is the item with the error identified and detailed for the Deaf?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are the labels and instructions in the data entry fields offered in Sign Language?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Does the AT resource consider the diversity of meanings (different meanings of the same term) of words in the Portuguese language?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature have simple, short texts?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature prevent the use of foreign words, jargon and technical terms?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Does the AT resource consider regionalisms (such as aipim and mandioca)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature allow the Deaf to	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>



control the speed of
sign language
interpretation?

Does the AT feature
have a label and text
instructions
associated with the
data entry fields?



Do the meanings of
the captions
correspond to the
messages
transmitted orally?



Does the AT feature
provide information
about ambient noise
and sounds in the
caption? (as
captions describing
sounds of nature
and traffic)



Does the AT feature
allow you to select
another oral and
sign language?
(function to change
language)



Does the AT
resource feature text
and sign language
interpretation for
any non-text content
(audio and video)?



Is the AT feature
compatible with the
most available
technologies?
(allows integration
with other
applications)



If the AT resource
includes an avatar to
interpret sign
language, are your



movements
continuous similar
to humans?

Does the AT
resource feature a
first-step tutorial for
the Deaf to become
familiar with AT?



Is the term for the
use of the AT
resource presented
in written
Portuguese and sign
language?



Does the AT feature
display animations
smoothly, allowing
you to track them?



If the AT feature
includes an avatar to
interpret Libras, is
the avatar 3D?



If the AT feature
includes an avatar to
interpret in Sign
Language, does it
allow you to see the
Avatar in the full
body?



If the AT feature
includes an avatar to
interpret Sign
Language, does the
Avatar have a
humanoid look?



If the AT feature
includes an avatar to
interpret Sign
Language, does it
allow the user to
customize the
avatar?



When returning to



When returning to the application after a period without using it, will the Deaf be able to use it without major difficulty?

Are the instructions for use available in text, visual diagrams and sign language?



Limpar seleção

Comments:

Are the labels and instructions in the data entry fields offered in Sign Language? Apenas em texto.

Does the AT feature prevent the use of foreign words, jargon and technical terms? Se colocar um palavra em lingua estrangeira ou que nao existe o tredutor vai traduzir letra por letra.

Does the AT feature provide information about ambient noise and sounds in the caption? (as captions describing sounds of nature and traffic) A aplicação nao reconhece os ruidos.

Is the AT feature compatible with the most available technologies? (allows integration with other applications) Não achei uma forma de integrar o aplicativo com outras aplicações.

Are the instructions for use available in text, visual diagrams and sign language? As



Group related to the point of view of what can be used effectively and efficiently

	Yes	Does not / partially apply	Not applicable
In applications that count time (applications in which time is timed or has a time limit), can the Deaf interact in Sign Language?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Can interruptions (with alerts, page updates) be postponed or suppressed by the Deaf?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
If an authentication session expires, will the user authenticate again and continue the activity without losing any data on the current page?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature consider how the Deaf manages the mobile device, considering that he may need to perform a signal during the interaction with the TA?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT resource have direct and short processes for carrying out the actions?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the AT feature have a stream of content in simple structures?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>



In the AT resource, is the closing of ads presented clearly and simply?

☐☒☐

Does the AT feature prevent unexpected actions (application close for no apparent reason)?

☐☒☐

Does the AT resource have questions highlighting the need for confirmation before taking some risky actions (buttons: delete, pay, send)?

☒☐☐

If the user failed to fill in any fields, does AT avoid no filling the entire form?

☒☐☐

Is the AT response time satisfactory?

☒☐☐

Does the AT resource provide the necessary assistance for the Deaf to be able to carry out the actions?

☒☐☐

In your opinion, will the AT resource facilitate any daily activity for the deaf?

☐☒☐

In your opinion, does AT encourage independence for the Deaf?

☒☐☐

Does the system allow the Deaf to personalize AT?

☒☐☐

Does the AT resource have accessible technical assistance (maintenance) contacts?



Will the Deaf be able to record their assessment of the application?



Does the AT feature perform the same when it is not connected to the internet?



Limpar seleção

Comments:

In the AT resource, is the closing of ads presented clearly and simply? Antes de fechar o add ja sobe a aba para instalar o aplicativo, dificultando um pouco.

Does the AT feature prevent unexpected actions (application close for no apparent reason)? Algumas vezes quando estava utilizando a aplicação, apos um add o aplicativo parava de funcionar.

In your opinion, will the AT resource facilitate any daily activity for the deaf? A aplicação vai facilitar, porem a quantidade gigante de adds pode dificultar a utilização mais dinamica da aplicação.

Does the AT feature perform the same when it is not connected to the internet? O tradutor usa a datilologia quando nao possui internet.

Uma cópia das suas respostas será enviada para o endereço de e-mail fornecido

Enviar

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