

Transcription

Video: Person with poor manual dexterity.

Series: Assistive Devices and Information and Telecommunications Technologies.

Universidad Nacional de Educación a Distancia (UNED)

Narrator

Claudia Tecglen, student of Psychology at UNED and President of Living with Spasticity.

Claudia

Hello, my name is Claudia and I study Psychology at UNED. Well, I have cerebral palsy, and that prevents or hinders my access to new technologies, but thanks to the devices and support products currently available, I can be just as productive as anyone else when working or studying.

So, I use a voice recognition system to write and control the computer. And also, well, this has been out for a few years, but it didn't exist before, and I used a special keyboard with large keys, because I have no accuracy when typing, and that allowed me to write, although more slowly.

Description

Claudia using a computer with her hands and with a hands-free microphone.

Claudia

I'll show you the voice recognition system I use, Dragon NaturallySpeaking. You have to buy this software, install it like any other and, once it's installed, the training will automatically start. To improve recognition accuracy, Dragon Speaking gives us the option to train it. Now we will start the training.

Wisdom haunts me, but I'm faster – inscription on a table in a Spanish university. Nothing is so stupid as to vanquish; the real glory is to convince - Victor Hugo.

Description

She reads out the sentences that appear on the computer.

Claudia

One of the most useful tools in the voice recognition system is the help, especially at the beginning. Once you install it, you get a tour around Dragon Speaking that lets you see all the different settings and clears many doubts. It is highly recommended that new users carefully read this.

Dragon lets you create different profiles, so not only I can use this voice recognition system, but also other people in my environment, which can be much more productive.

Description

The program offers two user profiles to choose from.

Claudia

Now I will start the voice recognition system to write a document. So, I have opened the word processor and now I hit "Start".

Dear Margaret, comma, things are great.

Description

Once they are pronounced, sentences are written in the document.

Claudia

Start new line.

Description

The document cursor moves to the next line. "New line" appears on the screen.

Claudia

We are... Undo. With this command I delete the previous word. Go to sleep.

With this command, I have told the voice recognition system to stop recognizing me, so I can talk to my conversation partner.

When you want to write an acronym or add a word that does not appear in the Spanish vocabulary, we will use the spell command.

Spell out. O. N. U.

Description

The program suggests completing dictation with words beginning with those same letters, such as "onubense"

Claudia

I use this system only to write documents or emails, but there are others who have far less mobility than me who have to use it to open, close, and manage their entire computer, even to surf the Internet.

We have a lot of choices in the market for mobile phones. We can use the ones with a touch screen, or those standard ones with more or less spacious and large keys. I prefer the latter because of the dexterity difficulties I have mentioned, but I also have the option of choosing mobile phones with a voice recognition system like the one I use with the computer.

Now I'll make a call through my mobile with the voice recognition system. To do it, I have only to press a button on my hands-free.

Description

The phone displays the message "Speak now".

Claudia

Cecile.

Description

The phone displays the word "Cecile".

Mobile phone

Cecile.

Claudia

Hello Cecile, how are you? I'm here, testing the voice recognition system on my new mobile phone.

With the speech recognition system, I can also use the recorder on my mobile phone and other options. I am now going to take notes. Recorder.

Mobile phone

Tape recorder.

Description

The phone displays the word "Recorder".

Claudia

As you can see, there are many options on the market, and thanks to these support products, people with disabilities are able to access technology. But beware, not everyone. We must continue to explore, and I invite you to be open-minded to further advance in technology together so that no one is left out.