

eyeHelper creates computer systems for visually impaired people

The non-profit association eyeHelper wants to promote and develop computer systems for people with impaired vision. A project is now being planned for simple and efficient document management. "We want to help people to function even more independently," says Lars Bergqvist.

He is the chairman of eyeHelper, which works to make life easier for people with impaired vision. The association's development projects are primarily aimed at people of working age and based on the latest research and development in terms of access to computer systems for that group. At the same time, eyeHelper can also make it easier for many seniors.

The association's plan and vision is to build a package solution with functions for handling documents, contacts, e-mails, digital meetings, chats, and more.

The goal is to help people to cope with life even better, both at work and in private life, through easy-to-use computer systems and functions.

First project eyeCRM

The first project that the association was involved in developing is called eyeCRM, based on a specially adapted CRM system. CRM is an abbreviation for Customer Relationship Management, the accepted concept for computer systems that handle data and data for efficient sales.

Thanks to eyeCRM, people with impaired vision can offer companies help with services such as telephone sales, market research, booking appointments, and keeping track of business contacts and customers.

Possible to work efficiently

The system makes it easy to get information in the form of company names, contact persons, telephone numbers and other things for campaign lists and automatic calls.

- Thanks to the program, it is possible for people with impaired vision to work effectively with sales and marketing, Bergqvist assures.

In everything that eyeHelper does, there is a basic idea: The computer systems must be maximally clear and easy to use and therefore there are a number of important factors to consider.

Important thinking clarity

There are three ways to communicate, individually or in combination:

1-Reading on the screen.

- We generally work with using the right colors for text and background, choosing the right font and size of the text, having clear buttons - and of course an opportunity to enlarge the text. But it's not just about what is visible on the screen, but also about the way to navigate, he says.

2-Speech synthesis.

The systems then turn written text that is pointed at into read-out words.

3-Shortcuts.

It involves control via commands on the keyboard.

- We work a lot to simplify communication and navigation in the programs, says Bergqvist.

The vision for eyeHelper also includes that in future you will be able to talk to your computers via voice control such as Alexa, Google Home or Siri.

Next, the association plans to develop a project for simple and efficient document management with three important basic elements: Store and manage in the cloud, read out documents and AI functions for describing the content of images.

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