

Etude de l'existant

1. La tablette brailleNote Touch :

The BrailleNote Touch is a device designed for individuals who are blind or visually impaired, providing them with a versatile tool for communication, productivity, and access to information. It's developed by HumanWare, a company specializing in assistive technology for people with visual impairments.

Key features of the BrailleNote Touch typically include:

Braille Display:

The device incorporates a Braille display that allows users to read information in Braille.

Touchscreen Interface: In addition to the Braille display, the device usually includes a touchscreen for navigation and input, making it more versatile for various tasks.

Android Operating System: The BrailleNote Touch often runs on the Android operating system, providing access to a wide range of apps available on the Android platform.

Connectivity:

It usually comes equipped with various connectivity options, such as Wi-Fi and Bluetooth, enabling users to connect to the internet, external devices, or other accessories.

Note-Taking and Productivity Tools: The device typically includes applications for note-taking, document creation, email, and other productivity tasks.

File Management:

Users can manage files and documents, storing and organizing them for easy access.

Educational Software: It may include features and applications specifically designed for educational purposes, such as reading textbooks, accessing online resources, and more.

Customization:

The BrailleNote Touch often allows users to customize settings to suit their preferences and needs.

<https://store.humanware.com/hus/blindness-brailnote-touch-plus-32.html>



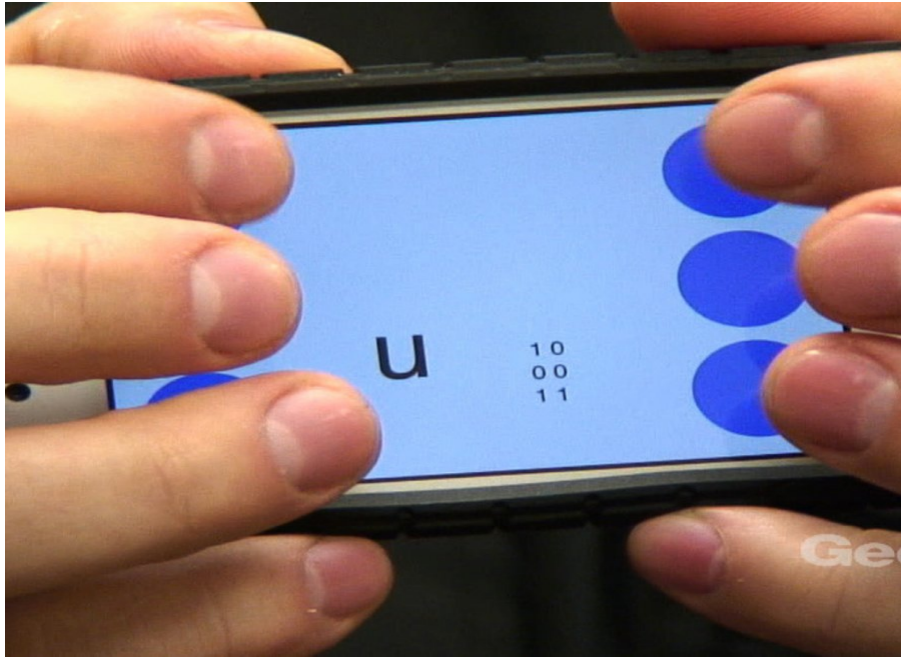
2.L'application BrailleTouch:

Researchers from Georgia Tech University have announced the development of a mobile application that allows blind individuals to compose messages in Braille directly on their smartphones. Named BrailleTouch, this mobile application is intended for smartphones running on both Android OS and iOS.

Currently in the pure prototype stage, the BrailleTouch mobile application is expected to revolutionize the use of smartphones for visually impaired individuals. Creating such an application presented challenges for the Georgia Tech University researchers, particularly due to the completely flat surface of a smartphone screen. BrailleTouch operates on a relatively simple principle: after launching the application, six keys appear on either side of the smartphone screen. The user simply places their fingers on these keys in the same way they would with the different letters of the Braille alphabet. The application then vocalizes the selected letters. An added benefit of this software is that the screen can be oriented in any direction.

At present, the Georgia Tech University researchers have not specified when the application will be officially available. However, given the rapid progress of this project, the application is expected to enter the market soon.

<https://wirelessrercarchive.gatech.edu/content/brailletouch>



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