

Browser



○ ○ ○ *Presentation By Jazmin Lorenz Resurreccion*

Personal Digital Assistant and Wireless devices

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What You Will Learn



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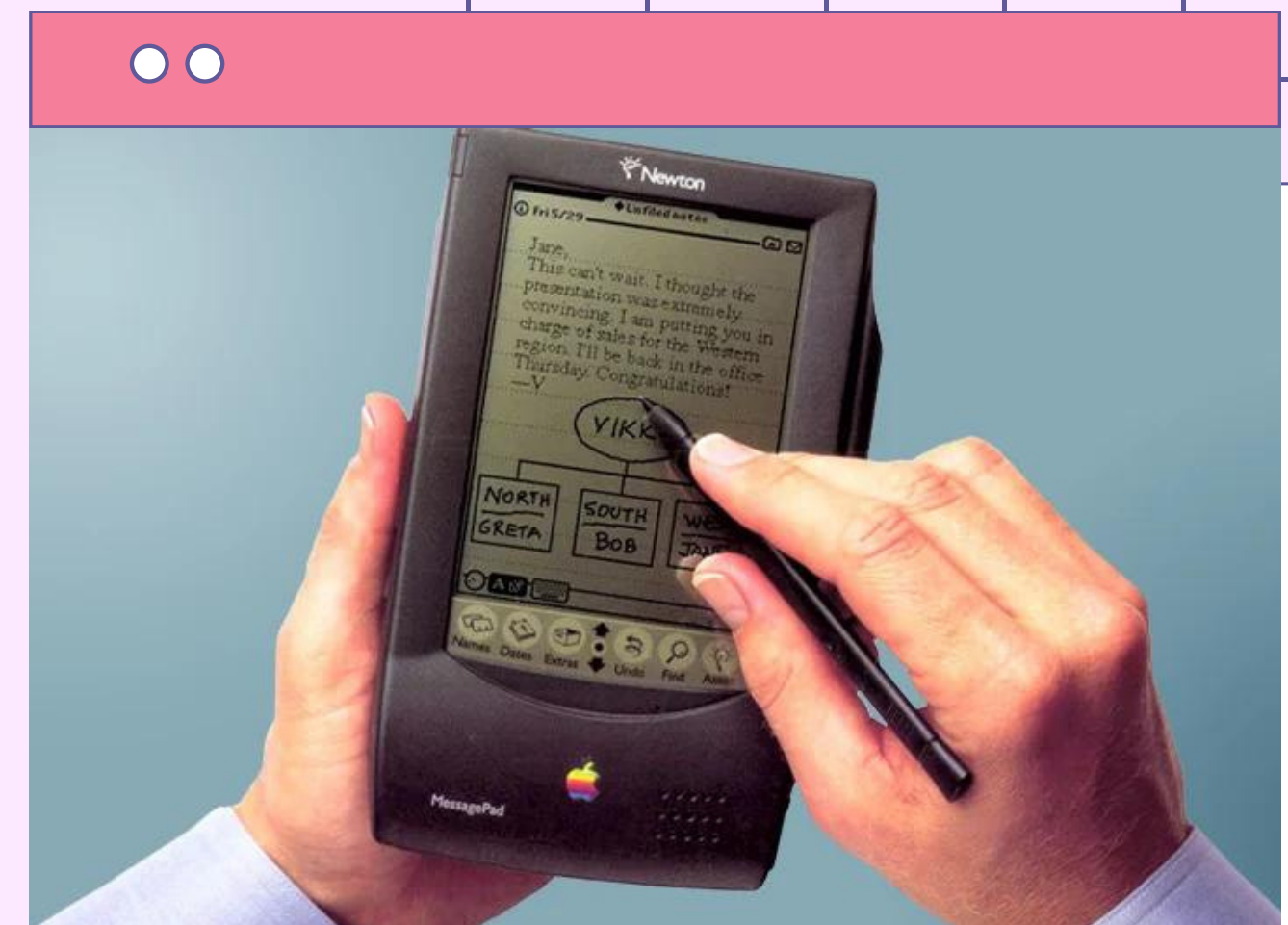
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References



Personal Digital Assistant

PDA, in full personal digital assistant, an electronic handheld organizer used in the 1990s and 2000s to store contact information, manage calendars, communicate by e-mail, and handle documents and spreadsheets, usually in communication with the user's personal computer (PC).



History of Personal Digital Assistant



The first PDAs were developed in the early 1990s as digital improvements upon the traditional pen-and-paper organizers used to record personal information such as telephone numbers, addresses, and calendars. The first electronic organizers were large, had limited capabilities, and were often incompatible with other electronic systems. As computer technology improved, however, so did personal organizers.

History of Personal Digital Assistant

1993

Apple Inc. released the Newton MessagePad, for which John Sculley, then Apple's chief executive officer, coined the term PDA. Although an improvement in some areas, the Newton's handwriting recognition was only 85 percent effective, resulting in ridicule and poor sales.

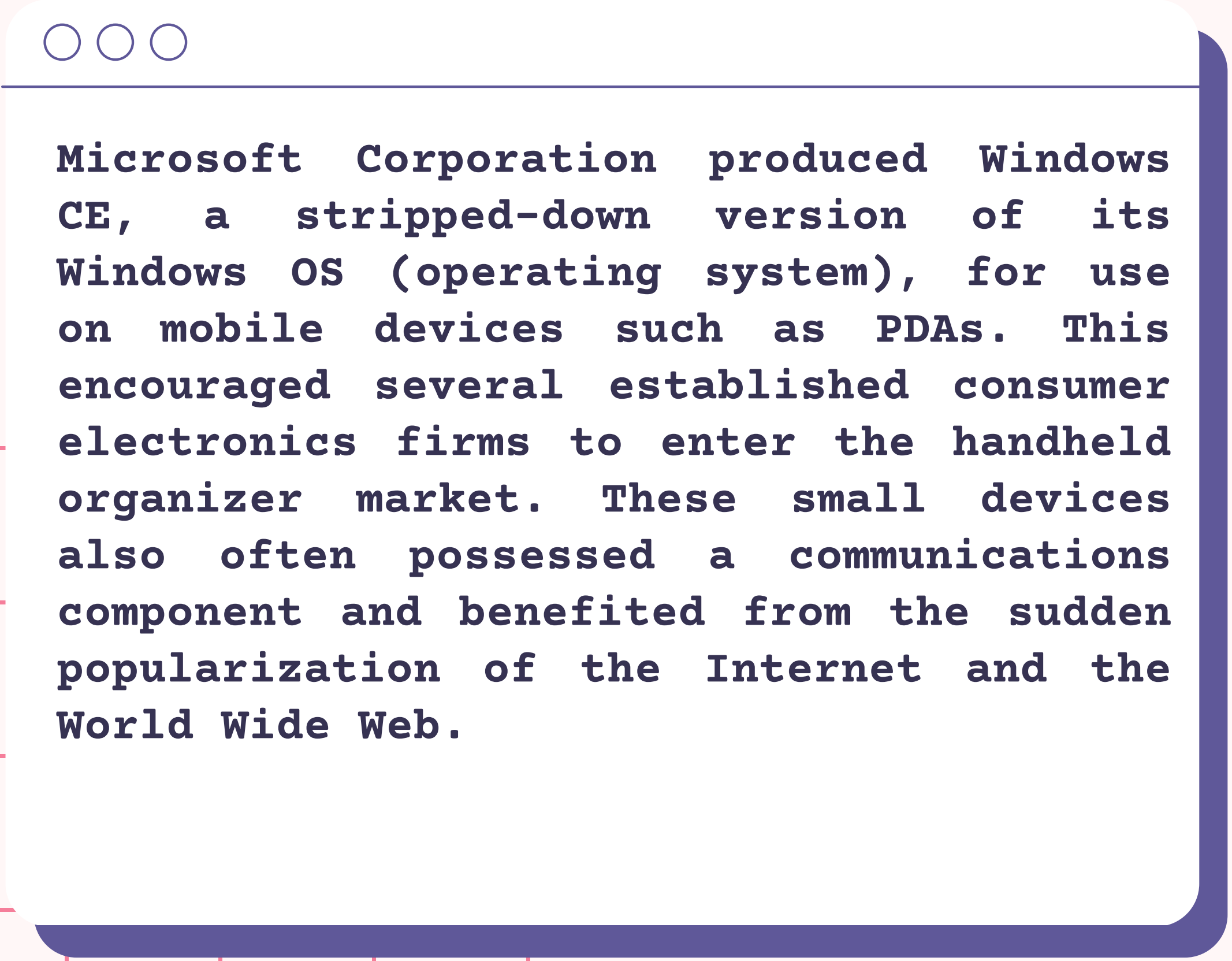
History of Personal Digital Assistant

1996

Palm, Inc., released the first Palm Pilot PDAs, which quickly became the model for other companies to follow. The Pilot did not try to replace the computer but made it possible to organize and carry information with an electronic calendar, a telephone number and address list, a memo pad, and expense-tracking software and to synchronize that data with a PC.

History of Personal Digital Assistant

1998

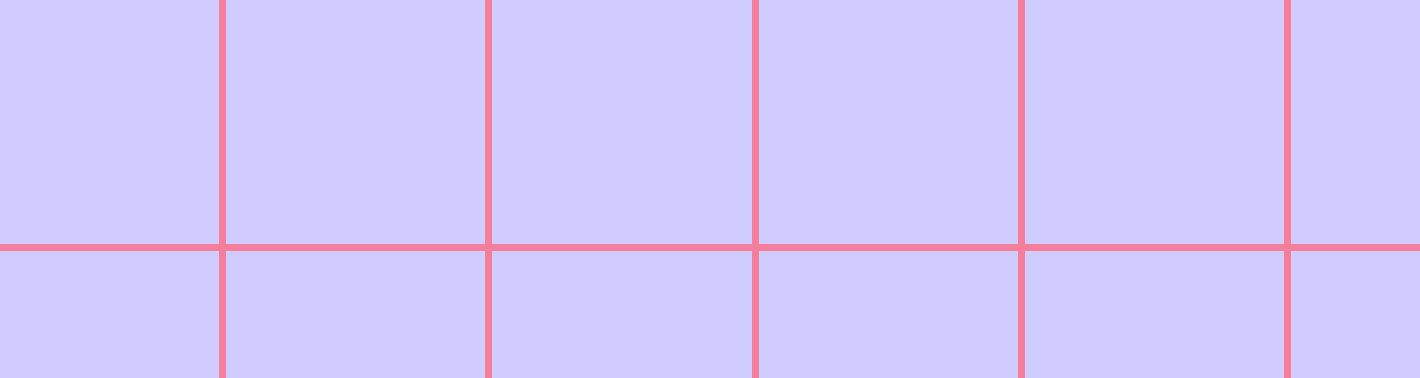


Microsoft Corporation produced Windows CE, a stripped-down version of its Windows OS (operating system), for use on mobile devices such as PDAs. This encouraged several established consumer electronics firms to enter the handheld organizer market. These small devices also often possessed a communications component and benefited from the sudden popularization of the Internet and the World Wide Web.

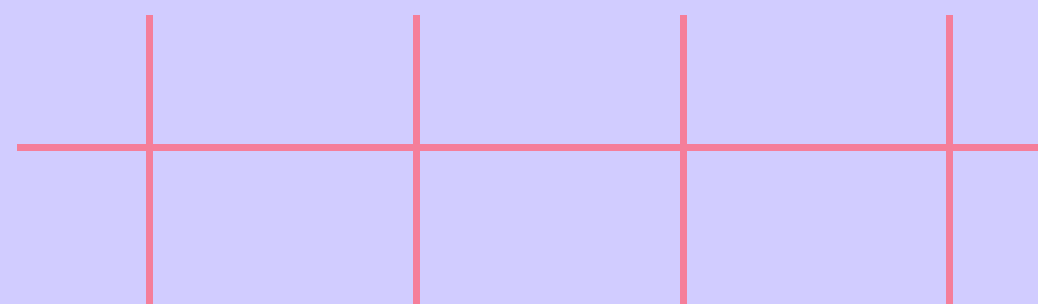
History of Personal Digital Assistant

2002

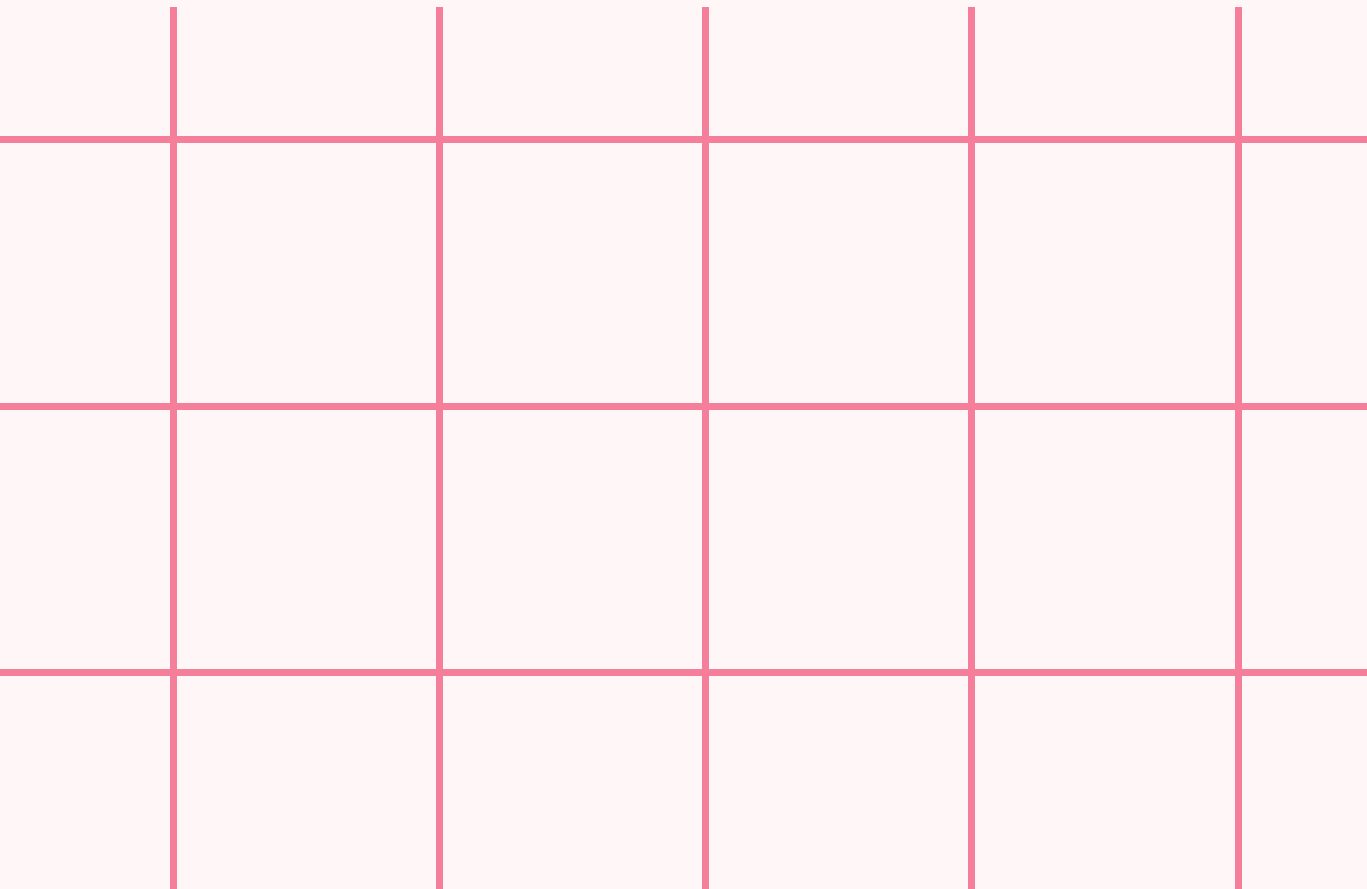
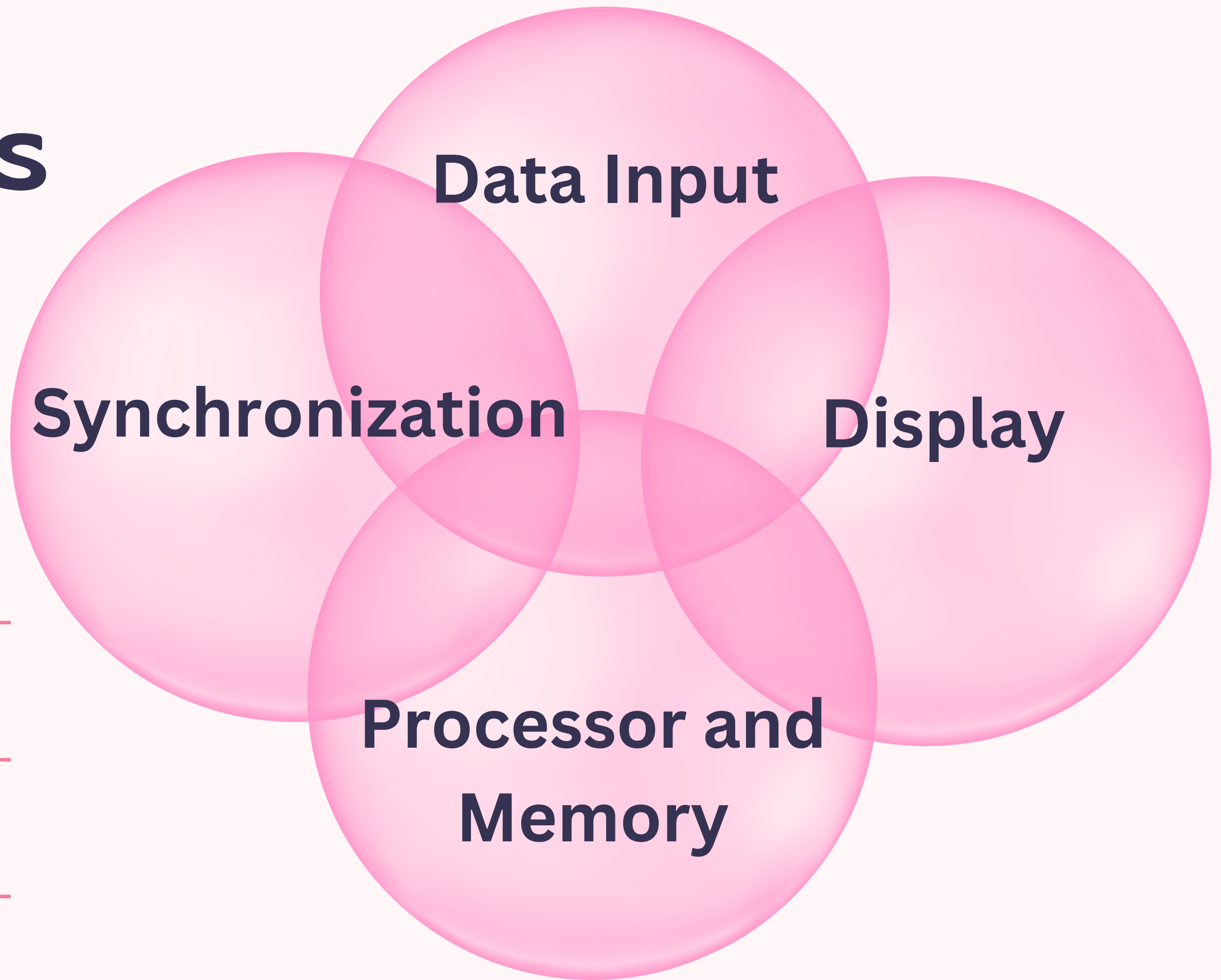
In particular, the BlackBerry PDA, introduced by the Canadian company Research in Motion in 2002, established itself as a favourite in the corporate world because of features that allowed employees to make secure connections with their companies' databases.



Most new PDAs were easy to use and featured keyboards, colour displays, touch screens, sound, increased memory, PC connectivity, improved software (including e-mail and word-processing programs), and wireless Internet access. In addition, technologies such as Bluetooth allowed PDAs to communicate wirelessly with a user's primary computer and with other users' PDAs. Most PDAs also offered extensive music storage capabilities as well as access to telephone networks, either through the Internet or through traditional cellular telephone technologies.



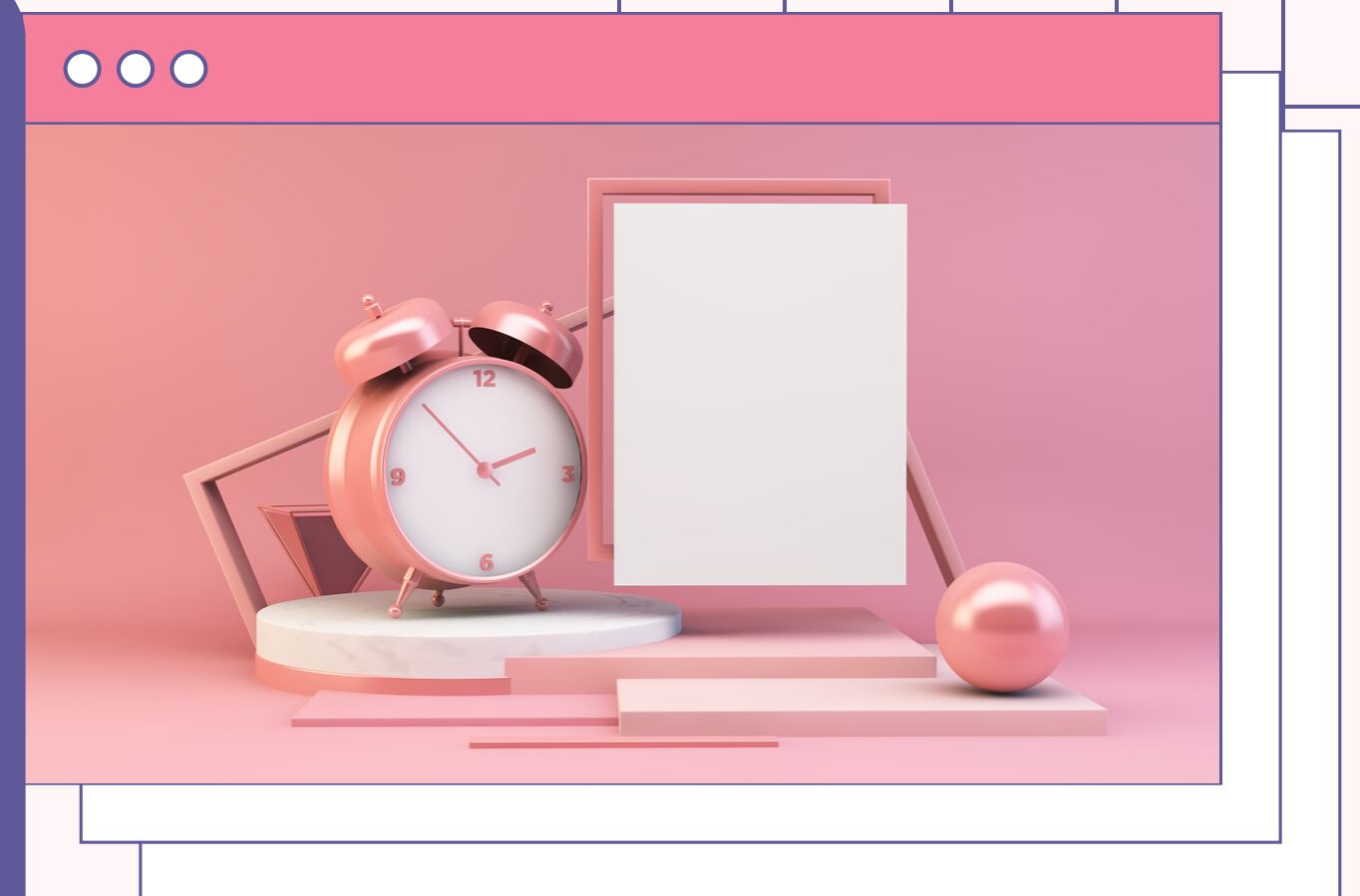
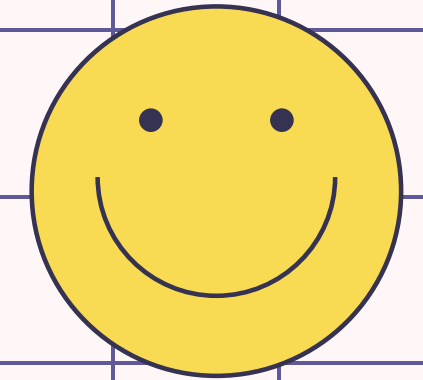
PDA Features



Personal Digital Assistant in Healthcare



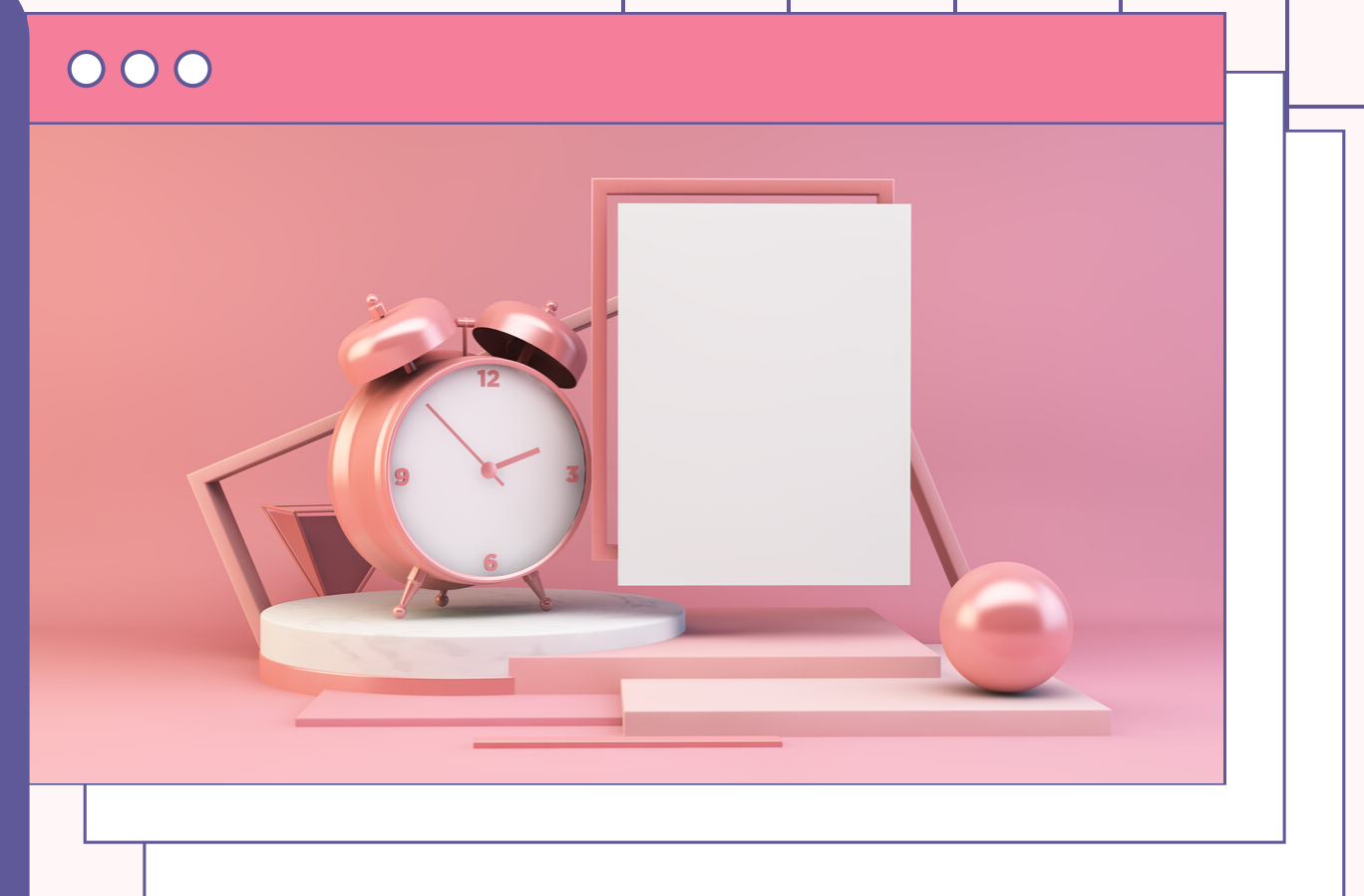
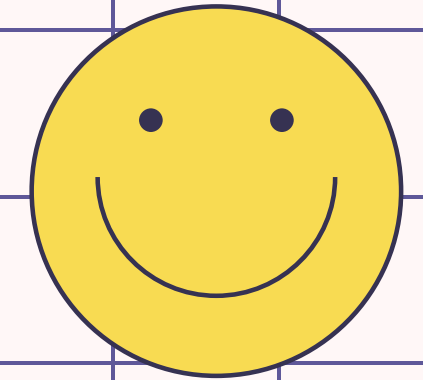
Personal digital assistants in healthcare take a number of forms, from voice-activated smart speakers to mobile apps. But they are all based on software that supports people in their work, helping with scheduling, prompts and guidance, while automatically capturing the details of this activity and other information via cloud storage.



Personal Digital Assistant in Healthcare



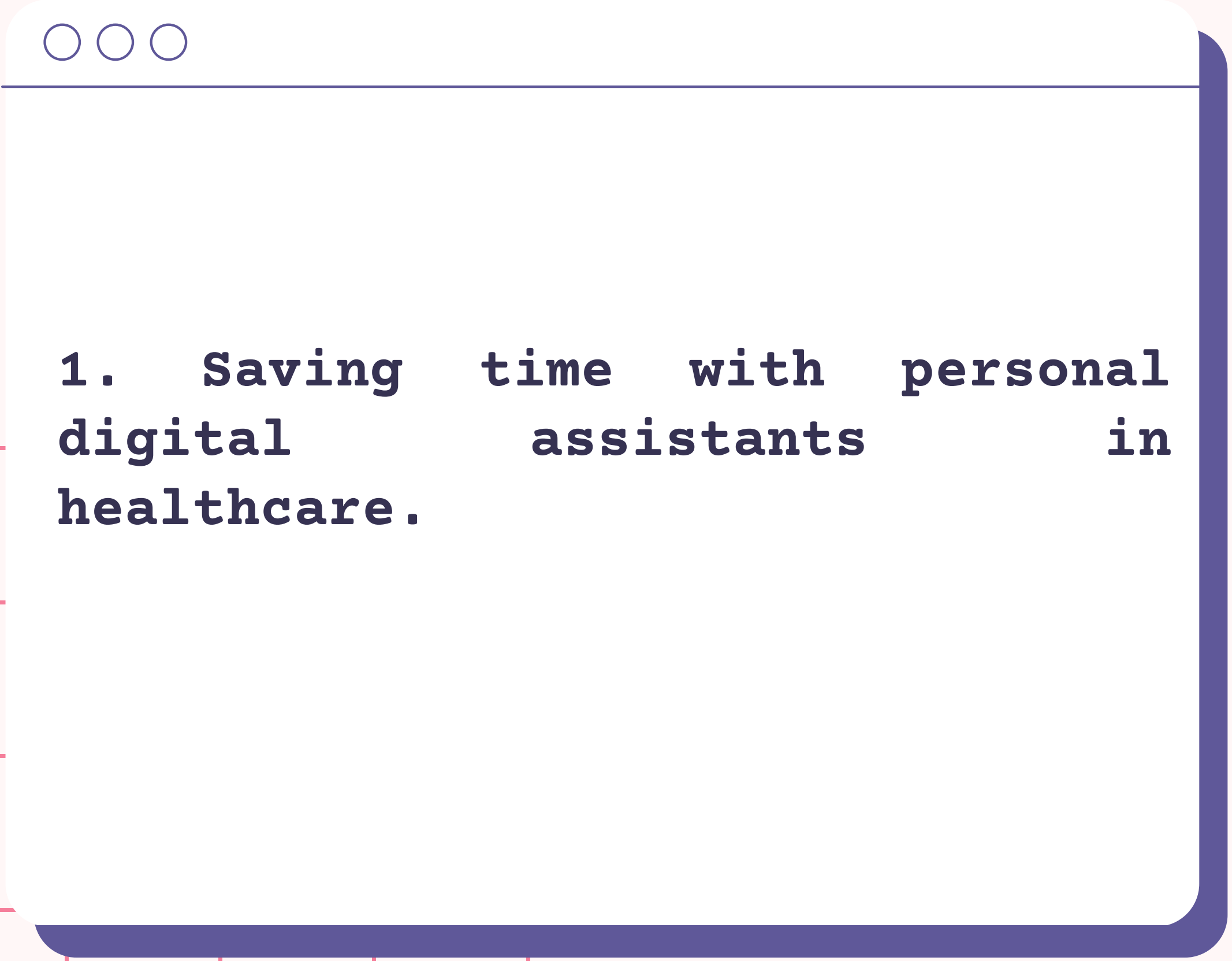
Digital transformation in healthcare has largely been directed towards innovations that directly support patient care. In recent times, we've seen the development of electronic patient records, appointments via video conferencing, wearable health tracking devices and online information portals.



Benefits in the healthcare

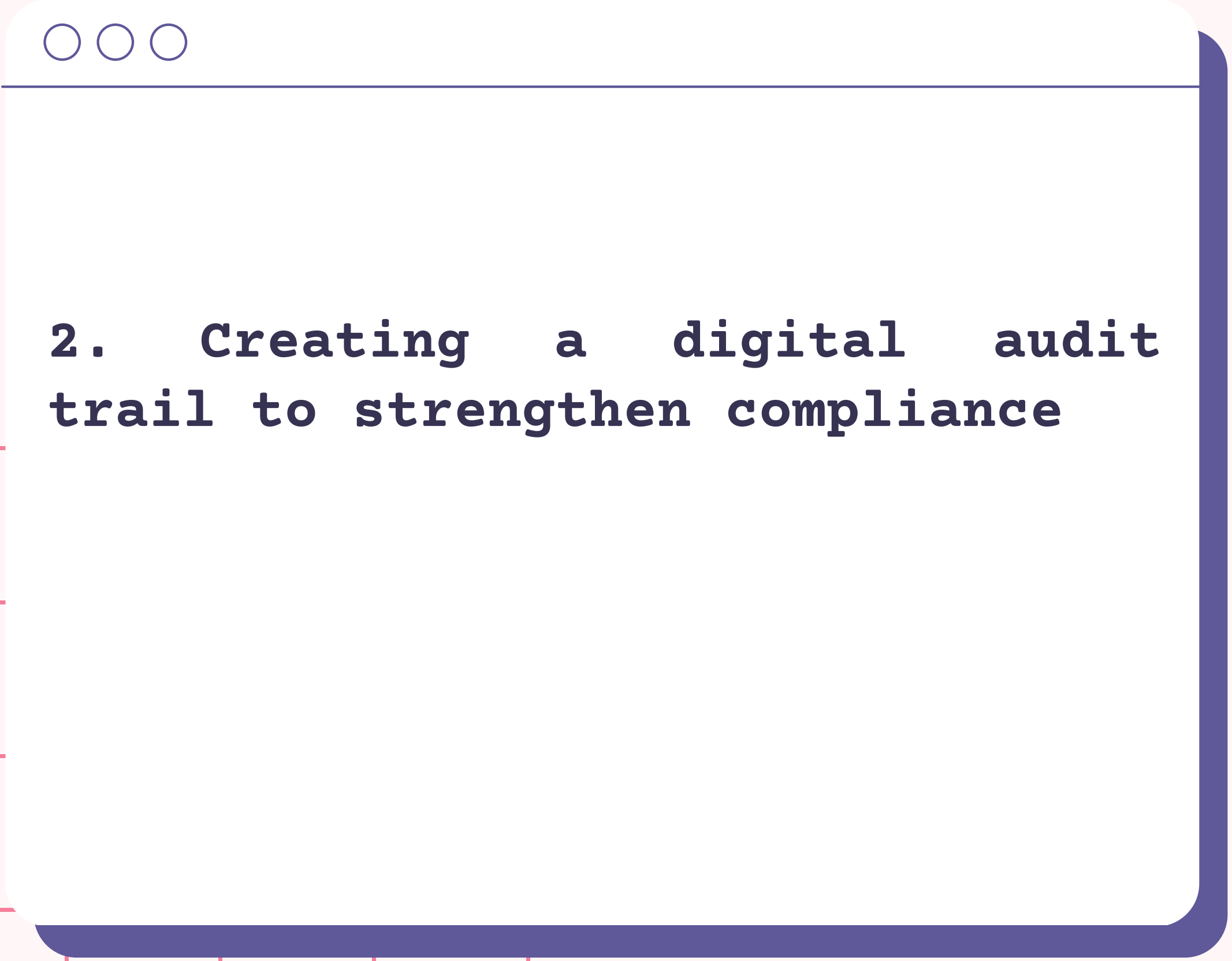
A study published by the Journal of Nursing analysed the benefits of personal digital assistants and reported that the technology offered the potential to “revolutionise the way that nurses provide and record care”.

Benefits in the healthcare



1. Saving time with personal digital assistants in healthcare.

Benefits in the healthcare



2. Creating a digital audit trail to strengthen compliance

Benefits in the healthcare

3. Rapid onboarding with
personal digital assistants in
healthcare

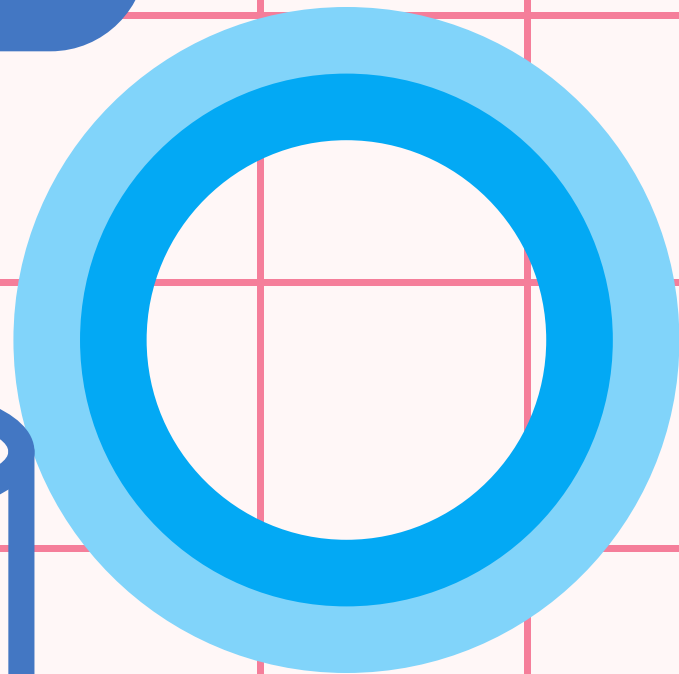
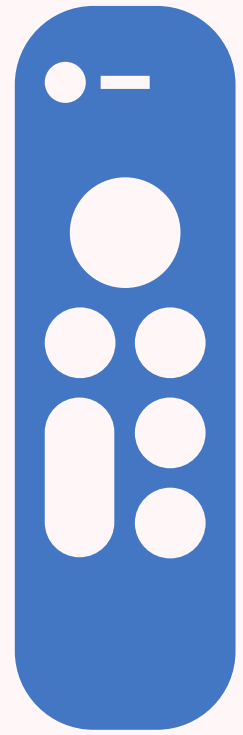
Benefits in the healthcare

4. Reducing errors with personal digital assistants in healthcare

Benefits in the healthcare

5. Closing the digital skills gap in healthcare

Examples



Apple's Siri

Microsoft's Cortana

Amazon's Alexa

Advantages



Availability -

- One of the primary preferences of possessing a PDA is the capacity to stay in contact with individuals through email, text informing and telephone. Since PDAs are so convenient and networks so broad, clients can take them anyplace.

Advantages



Association -

- Another advantage of possessing a PDA is expanded association. Schedule and rundown applications make it simple to monitor arrangements, make notes in a hurry and document past discussions or other information.

Advantages



Status -

- For some PDA clients, the gadget has the additional advantage of meaning a specific status. Organization gave PDAs might be held for more significant level representatives and can come to connote a place of power or significance. For individual clients, having the most recent PDA might be an indication of riches or innovative information.

Advantages



Broad Internet Connectivity -

- For occupied people, the primary preferred position of getting a PDA is being able to remain associated through email, calls, text informing and different courier applications. These are worked with broad organization network so clients can get to the Internet anyplace they are.

Disadvantages



Cost –

- One of the greatest hindrances of a PDA is the expense. Other than paying for the gadget itself, most PDAs require the purchaser to buy in to a utilization contract. This includes a month to month bill and the chance of overage charges if the client outperforms his designated free telephone minutes or information limits.

Disadvantages



Interruption -

- PDAs may likewise turn into an interruption when they're not satisfying an authentic need. The capacity to be constantly associated can prompt sat around riding the Web, settling on telephone decisions or messing around. Some business clients whine of being "available to come in to work" when their colleagues and bosses can reach them whenever.

Disadvantages



Restricted in Scope -

- PDAs are restricted in degree. They are neither PC substitutions nor would they be able to be successfully used to supplant mobile phones. PDAs are not furnished to manage miniature preparing capacities.

Disadvantages



Time constraint -

- PDAs are not generally the best response to business arrangements. Paper-based coordinators are a more reasonable choice since PDAs are hard to utilize, information passage is abnormal, they are moderate and beginner clients discover them superfluously unpredictable.



A wireless device is a device that uses radio waves to send or receive information. Wireless devices can be used for communication, such as in phones, tablets, and computers. They can also be used for entertainment, such as in gaming systems and home theater systems. Wireless devices use different frequencies to send and receive information.

Wireless Device



The Wireless Revolution



Wireless technology has revolutionized the way we communicate and access information. Wireless devices allow us to connect to the internet, share files, and stay in touch with friends without having to be connected to a cable or phone line. Wireless devices are also becoming increasingly popular for gaming and entertainment purposes.



Wireless networking is the process of using radio waves to connect devices that are too far apart to be directly connected with cables. Wireless networking is common in homes and small offices, where it's more convenient and less expensive than using cables.

Wireless Networking and WiFi





Wi-Fi is a type of wireless networking that uses radio waves to connect devices that are within range of each other. Wi-Fi networks use the same frequency as the radios in your computer, phone, or other devices. This means that you can easily connect to a Wi-Fi network without installing any extra software.

Wireless Networking and WiFi



Types of Wireless Devices

Wireless Router



- A wireless router is a device that allows users to connect to the internet wirelessly. Wireless routers are often found in homes, offices, and schools. They come in a variety of shapes and sizes and can be used for a variety of purposes, such as connecting devices such as laptops, tablets, and smartphones to the internet, sharing files between devices on the same network, or extending the range of a wireless network.

Wireless Phone



Wireless devices use radio waves to communicate without the need for a physical connection. Cell phone networks, Wi-Fi networks, and Bluetooth signals are all examples of wireless technologies.

Wireless Phone



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Wireless Adapters



Wireless adapters are hardware devices that allow a computer to connect to a wireless network. Wireless adapters come in several different types, including card-based and USB adapters. Card-based adapters are inserted into the computer's PCI or PCIe slots and connect to the computer's networking ports. USB adapters connect directly to the computer's USB ports.

Examples of Wireless Devices

Communication Equipment



- A wireless communication device is an electronic device that allows two or more devices to communicate with each other wirelessly. Wireless devices include cell phones, laptops, tablets, and other portable electronics. Wireless devices are often used to communicate with people in faraway places, as well as with people who are nearby.

Household Items



- When it comes to household items, there are a few that come to mind that use wireless technology. One example is a hair dryer. Most hair dryers now come with a wireless connection so you can control the settings from anywhere in the house. Another example is a remote control for your television. These days, most televisions have remotes that use wireless technology to send commands from across the room.

Computer Peripherals



- Computer peripherals include devices that are used to input or output data, such as keyboards, mice, touchpads, and trackballs. Many computer peripherals also have buttons or switches that allow the user to control how the device works. Peripherals can be connected to a computer using a cable or wireless connection.

Advantages and Disadvantages

THANK YOU!



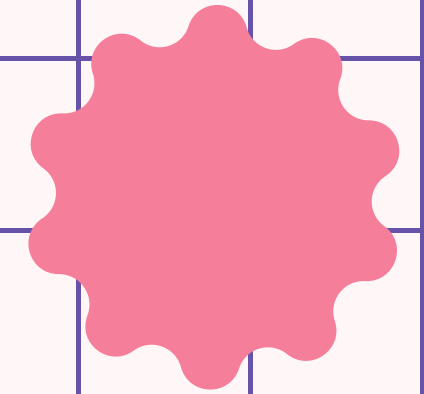
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Thank You