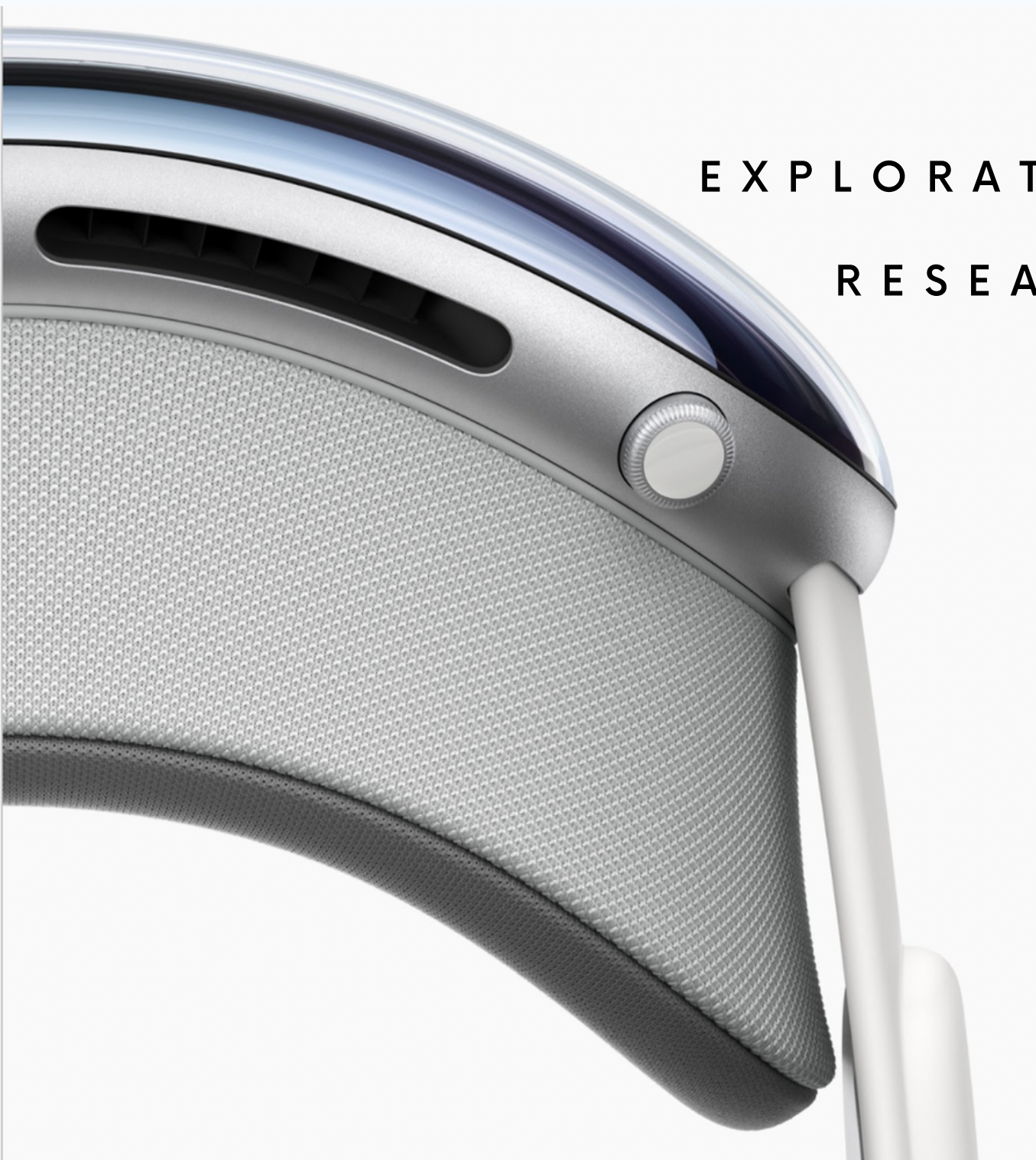


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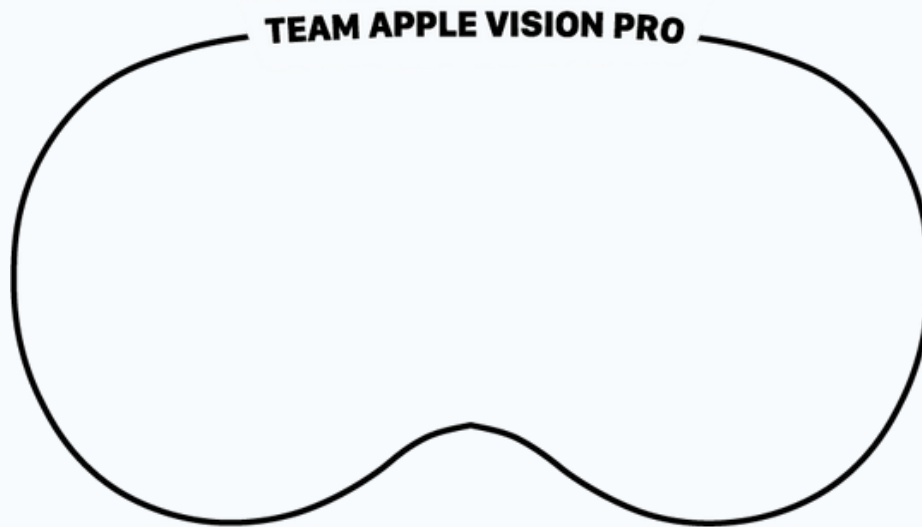
T R A N Q U I L

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EXPLORATORY  
RESEARCH



# OVERVIEW



Apple Inc. is a world-renowned technology company known for its modern, sleek designs for smartphones, tablets, accessories, and other products. The Vision Pro is Apple's first "mixed reality (MR) headset that enables real-world-meets-virtual experiences for entertainment, productivity, and more". Using spatial computing and high-resolution displays, users will be able to navigate a virtual space using both eye and hand tracking. Users will be able to seamlessly work between the digital and physical space while having access to a variety of apps.





# HOW IS VISION PRO IS DIFFERENT?

General AR/VR lacks proper control accessibility to use its space.

**The Apple Vision Pro is designed with the intent of using eye+hand tracking as well as voice control for users.**

The Apple Vision Pro offers a wired external battery.

**An external battery allows the Vision Pro to be more versatile and lightweight in comparison to preexisting VR headsets (where the battery is built within the headset e.g. Meta Quest 3).**

Vision Pro can support high-quality visuals with dual micro-OLED 4k displays.

Aesthetically the Vision Pro offers an operating system and product design in line with Apple's current ecosystem.

Due to Apple's vast ecosystem of apps and services, the Vision Pro's overall functionality will be significantly more diverse in comparison to other AR/VR headsets.

# RESEARCH

## **ChatGPT increases productivity**


This study focuses on how the use of AI technology increased overall productivity amongst college-educated professionals when used for writing tasks. The study showed that participants using OpenAI's ChatGPT decreased the time taken to accomplish a task and increased overall quality. Therefore, showing the likelihood that they would use ChatGPT in future tasks because it offers the ability to be more productive and perform tasks better. To learn more [here](#).

## **College Students Struggle to Engage in Lectures**

This study was published by Minnesota State University on whether students struggle to pay attention and engage with content due to the ineffectiveness of lecture-based learning. MSU questions whether this disconnect students feel within their classroom settings could be a blend of the online shift that was forced due to the pandemic and the generational views that education is solely meant to educate them for their future careers. To learn more [here](#).

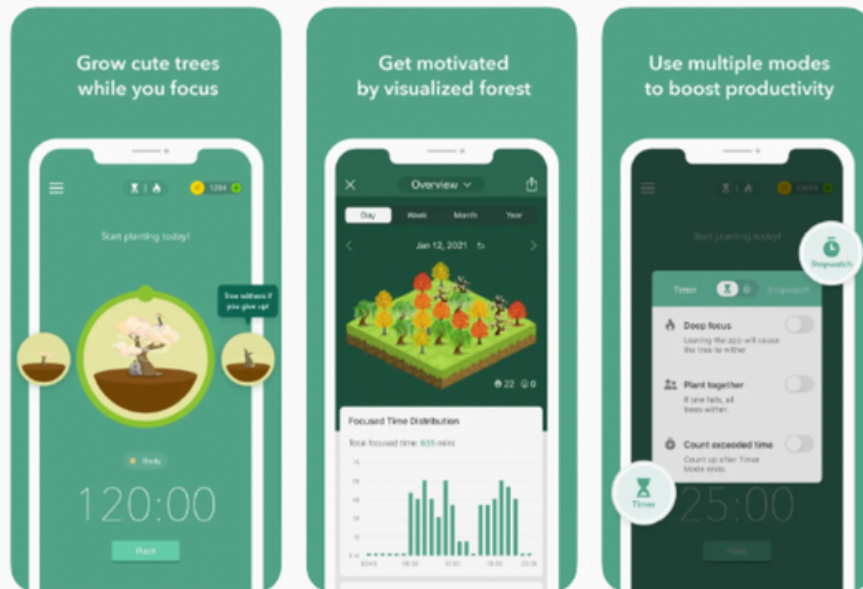
## **What researchers learned about online higher education during the pandemic**

John Marcus discusses how courses for higher education seemed to benefit from being offered online during and post-pandemic. Overall, the positive aspects of virtual learning include students being able to potentially graduate earlier, generally are more interested and interactive when learning, and a greater consensus from the public in wanting to incorporate digital tools with in-person learning. To learn more [here](#).



# INSPIRATION

## 1. Forest App



### Pros:

Forest uses the Pomodoro Technique, which is a time management method based on 25-minute stretches of focused work broken by five-minute breaks, allowing individuals to take the breaks to digest what they've learned. Overall, Forest is user-friendly and offers a strong aesthetic design that appeals to individuals of all ages.

### Cons:

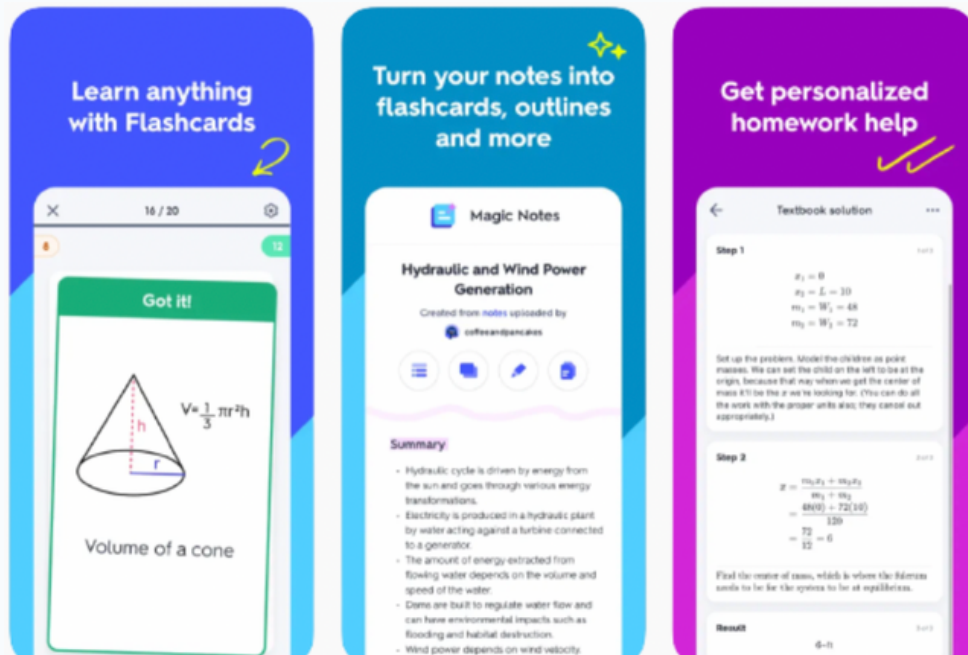
However, Forest lacks the ability to export data or access statistics without a paywall, and only offers a particular number of study methods.

To learn more click [here](#).



# INSPIRATION

## 2. Quizlet App



### Pros:

Quizlet is most known for its multitude of study options used to engage users to create custom study material in a cohesive way that best meets the user's needs.

### Cons:

Quizlet no longer offers free access to several studying features (paywall). In addition, Quizlet is seen to focus on the ability to memorize content through repetition rather than encouraging its users to focus on the comprehension of their material.

To learn more click [here](#).

# INSPIRATION

## 2. Blitz App



### Pros:

Blitz is a completely user-free app that allows you to take an image of your notes and automatically turn them into flashcards for your use in studying. In addition, this app has simplistic and easy-to-understand features that meet any user's needs.

### Cons:

However, Blitz does lack study options outside of the use of flashcards and the general UI design is a bit lackluster.

To learn more click [here](#).

# SOURCE

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