

Learning Design and Technology: Do students prefer the mobile app or desktop version of Canvas LMS?

Carly Means

Lindenwood University, Department of Academic Affairs

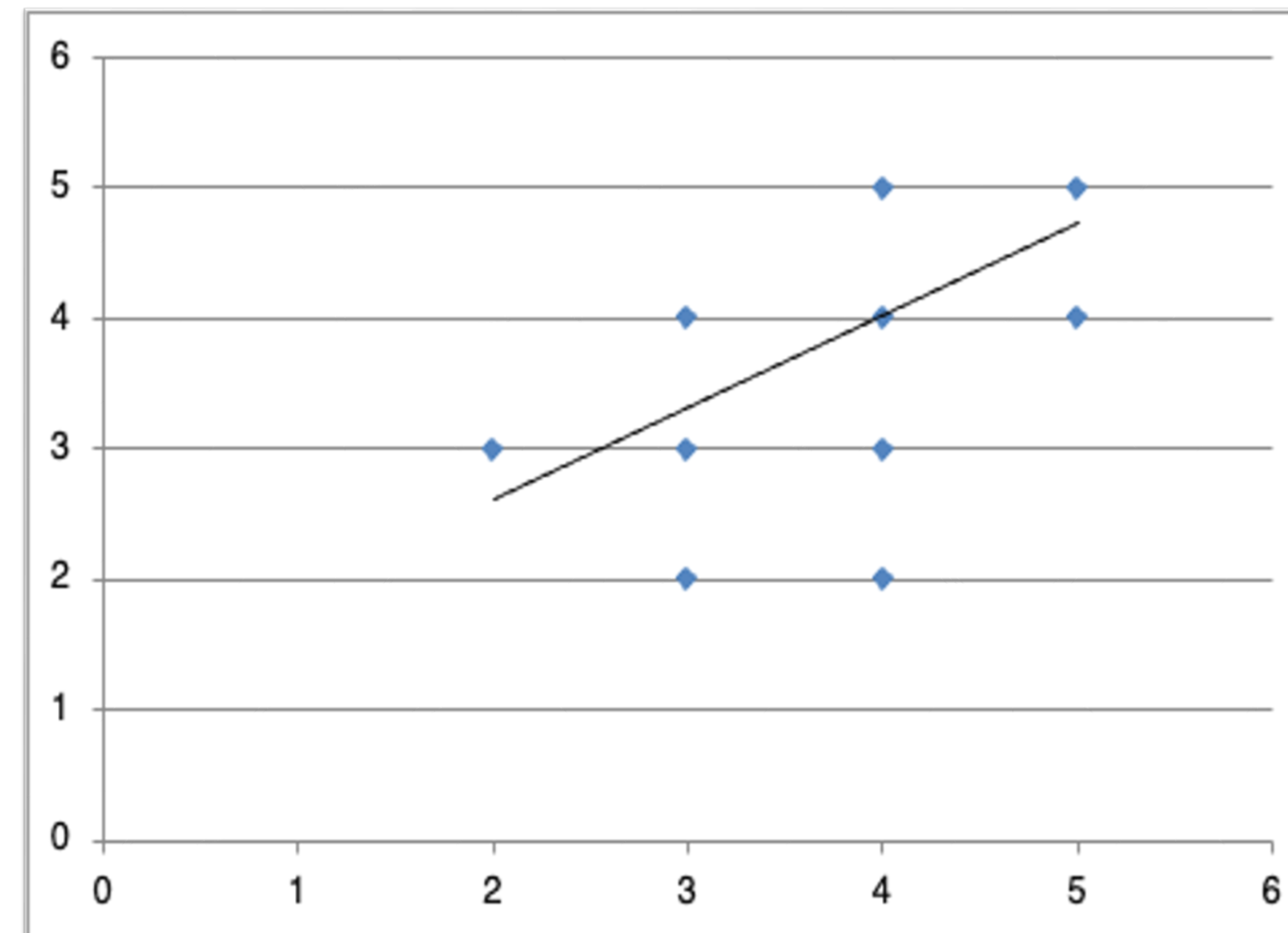
Introduction

- Learning Design and Technology aims to understand how students engage with classes and assigned coursework through the Learning Management System Canvas.
- RQ: Do students prefer the mobile app or desktop version of Canvas LMS?
- Learning the preferences of students will help LDT not only optimize Canvas usage in terms of productivity but will also resonate with Students to make using either version of Canvas an enjoyable experience

Methodology

- Data was collected using an original questionnaire through Qualtrics.
- Data was analyzed using thematic analysis and descriptive statistics using Excel.
- The study involved 32 Lindenwood Students as participants.
- **Demographics showed that:**
Age: $\bar{x} = 20.45$, Mo = 21
Students taking a minimum of one online class: n = 26
Students using a browser extension for desktop: n = 4

Results



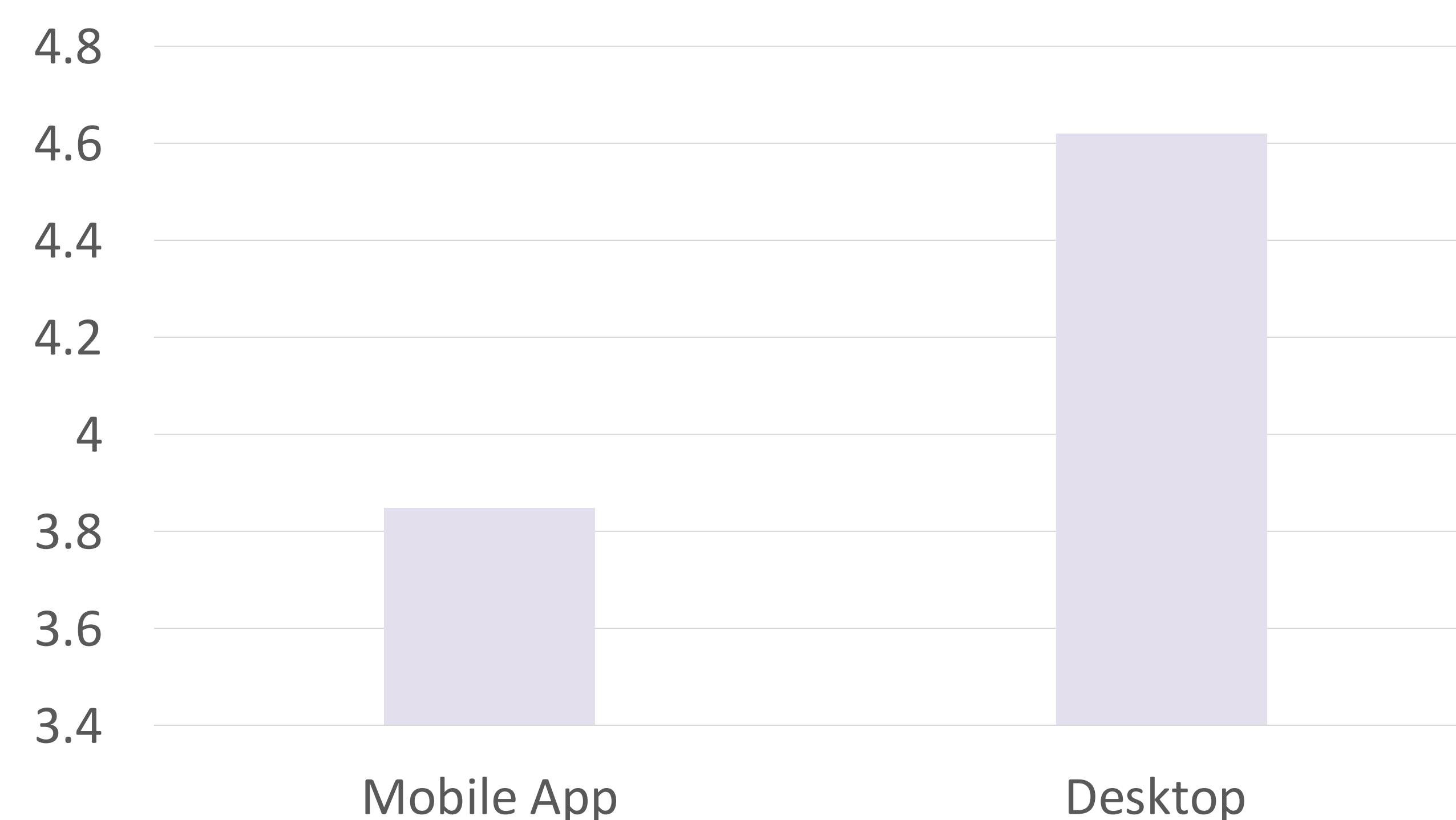
A positive correlation ($r = 0.621$) was found between ease of navigation and accessibility on the mobile app

Conclusion

- Students preferred Desktop because of the larger display, better formatting, ease of use, faster loading times, and ability to use extensions such as **Tasks for Canvas and Better Canvas**
- While many students testified not using **extensions for Canvas**, the small sample who did all rated their satisfaction with **Canvas Desktop a 5 (100%)**.

"I wish we could customize the layouts more. I also really like the rings that Tasks for Canvas add. Any features from BetterCanvas or TasksForCanvas would be great"

Mobile Preference vs. Desktop Preference



Students significantly preferred the desktop version of Canvas. $T = -4.77$, (s_D) = 0.87

- Customization features on mobile and/or desktop may allow for enhanced accessibility:
- Larger text sizes and softer colors for those with vision impairments
- Optimized reminders and to-do lists for those with memory, attention, or organization deficits
- Visuals such as completion rings and no missing assignment streaks can serve as a form of positive reinforcement for those who may struggle with finishing assignments or staying organized.