



ILIA Research



YOUR EYES ON LEARNING SYSTEM

Groundbreaking research is transforming how students engage with digital learning platforms. ILIA UBD is at the forefront of this innovation, driving efforts to improve user experiences in education. A recent study examined how students interact with the Student Academic Information System (SIAM) at Universitas Prima Indonesia (UNPRI) using advanced eye-tracking technology.

This research, conducted in collaboration with Universitas Prima Indonesia (UNPRI), Universitas Muhammadiyah Prof Dr HAMKA (UHAMKA), and Universitas Dharma Andalas (UNIDHA), focused on visual attention and navigation patterns among students at different academic stages. Eye-tracking tools provided valuable insights into user behaviour, revealing system strengths and areas requiring improvement. While students demonstrated gradual improvements in navigating the platform, the study underscored the need for a more intuitive and user-friendly design.



By analysing data from heatmaps and attention metrics, the research offers practical recommendations for redesigning SIAM to deliver a seamless and engaging user experience. This initiative highlights the importance of merging neuroscience and technology to tackle real-world educational challenges.

ILIA UBD's dedication to innovative research continues to set new standards in digital learning solutions, empowering students and transforming education. Stay tuned for updates on this inspiring collaboration!

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