

Adaptive User Interfaces: Designing Interfaces that Adapt to User Preferences and Behaviours

Mr. Vineet Khamrai

Assistant Professor, Department of Information Technology

Nirmala Memorial Foundation College of Commerce and Science, Mumbai, Maharashtra, India

Abstract: *Adaptive User Interfaces (AUIs) represent a paradigm shift in interface design, aiming to personalize user interactions based on individual preferences and behaviours. This paper explores the evolution and significance of AUIs, discussing their potential to enhance user experience through dynamic responsiveness. By examining existing literature and employing qualitative research methods, this study investigates methodologies for designing effective AUIs. Findings underscore the importance of user-centric approaches in interface design, highlighting implications for future research and practical applications in various domains.*

Keywords: Adaptive User Interfaces