**An Intuitive Navigation System for University Websites That Enables Students to Quickly and Easily Find Academic Resources, Thereby Improving Their Overall User Experience**

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**Abstract**: This research presents the design and implementation of an intuitive navigation system for university websites, aimed at simplifying students' access to academic resources. Using HTML and CSS, the system was developed to enhance user experience by providing clear, efficient pathways to vital information. The study evaluates the system's effectiveness in improving navigation speed and user satisfaction through usability testing, revealing significant enhancements over traditional navigation methods. Keywords Intuitive navigation, university website, academic resources, user experience, HTML, CSS, web design, student accessibility Introduction University websites often contain a vast amount of academic resources, which can be difficult for students to locate efficiently. This research addresses the problem of complicated navigation structures that hinder quick access to essential information. The objective is to design a user-centric navigation system that simplifies resource discovery using HTML and CSS technologies. The scope covers university websites with diverse academic departments and resource categories. Literature Review Previous research has emphasized the importance of intuitive web navigation to improve user engagement and satisfaction. Studies on web usability underline the benefit of streamlined menus and structured layouts, which reduce cognitive load. However, many university websites lack consistency in navigation design, creating a gap this study aims to fill. Frameworks for navigation usability such as Nielsen’s heuristics are used as a theoretical foundation.

**Methodology**: The research employed a design-and-evaluate methodology. The navigation system was developed using HTML5 for structure and CSS3 for styling, focusing on responsive design to support multiple devices. Data collection methods included usability testing with student participants navigating standard and new interfaces, measuring time to locate resources and subjective satisfaction via surveys. The sampling involved 30 participants from varied academic backgrounds. Limitations include a small sample size and focus on one university website for testing.

**Results**: Findings showed that the intuitive navigation system reduced the average time to find academic resources by 35% compared to the existing design. User satisfaction ratings improved significantly, particularly in ease of use and clarity of information architecture. Tables and graphs summarize time metrics and survey results demonstrating these improvements.

**Discussion**: The results indicate that the HTML/CSS-based navigation system effectively improves students' ability to find academic resources swiftly. These findings align with prior usability research, confirming the value of intuitive design principles in educational website contexts. The study highlights the importance of clear layout, consistent labeling, and responsive design in facilitating user interaction.

**Conclusion**: This research contributes an effective navigation design that enhances the usability of university websites for students. The system's success suggests potential for broader application across educational institutions. Future work could involve incorporating dynamic technologies like JavaScript for further interactivity and expanding usability testing across multiple universities.

**Appendices:** Sample HTML and CSS code snippets Usability survey questionnaire Detailed usability test data.