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DEVELOPING A LEARNING PLATFORM FOR MEDICAL PROFESSIONALS AND STUDENTS TO OPTIMIZE THE DISSEMINATION OF LATEST MEDICAL KNOWLEDGE

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Background : In today's healthcare landscape, accessing up-to-date medical knowledge is crucial for professionals. However, existing learning platforms in Sri Lanka often do not meet their specific needs, limiting effectiveness. This research aims to create a specialized learning platform tailored for Sri Lankan medical professionals and students. The project focuses on designing user-friendly, interactive tools that accommodate busy schedules and diverse learning preferences, ultimately enhancing professional development and patient care outcomes in the region.

Methodology: The methodology involved a comprehensive literature review of current learning platforms, understanding the learning needs and barriers faced by the target audience within the Sri Lankan context, and identifying gaps in existing platforms. It also included evaluating the attitudes, knowledge, and abilities of medical professionals and students regarding patient care. Based on these findings, an interactive and adaptable learning platform was designed to better meet user needs. The research concludes with an evaluation of the platform, highlighting its weaknesses and providing recommendations for improvement to enhance its effectiveness.

Deliverables: After carrying out a comprehensive literature review and identifying areas for improvement in current learning platforms, we identified the main features that should be included in the "MedEd+" learning platform as forums for discussion, restricting access for certain options to manage credibility, access to patient management guidelines and the ability to import and export different content. Including the features above and solving the problems identified in the platforms that are already available, we designed and developed the front-end of 'MedEd+'.

Conclusion: This research presents a vital step toward addressing the educational gaps faced by healthcare professionals in Sri Lanka. By developing a tailored learning platform that prioritizes user engagement, practicality, and accessibility, the project aims to enhance the continuous professional development of medical practitioners and students. This initiative not only seeks to bridge the divide between global medical advancements and local healthcare practices but also aspires to improve patient care outcomes significantly. The platform serves as a foundation for future medical education innovations, ultimately fostering a culture of informed collaboration.

Keywords: Learning platform, Latest medical knowledge, Sri Lanka