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Patent Search

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Abstract:

MACHINE LEARNING BASED SUPPORTING SYSTEM FOR TRAINING OF COMMUNICATION SKILLS IN THE EDUCATION OF HEALTH CARE PROFESSIONS The present invention introduces a pioneering machine learning-based system aimed at enhancing communication skills training in health care education. Leveraging advanced natural language processing and machine learning techniques, the system provides personalized feedback, immersive scenario simulations, and adaptive learning experiences for student health care professions. By addressing the limitations of traditional methods, this innovation seeks to produce more adept and empathetic health care professionals, navigating the complexities of patient interactions and contributing to improved clinical outcomes

Complete Specification

Description:FIELD OF THE INVENTION

The present invention relates to the field of education technology and health care training. Specifically, the invention pertains to a machine learning based supporting system designed to enhance the training of communication skills in the education of health care professions. The system employs advanced natural language processing and machine learning techniques to provide personalized feedback, scenario-based simulations, and adaptive learning experiences to students pursuing health care education.

The invention addresses the critical need for effective communication skills among health care professionals to ensure patient safety, optimize treatment outcomes, and provide empathetic care. By utilizing cutting-edge technology to offer dynamic and interactive training experiences, the invention aims to improve the quality of communication education in the health care sector, ultimately leading to more proficient and compassionate health care providers.

BACKGROUND OF THE INVENTION

The following description of related art is intended to provide background information pertaining to the field of the disclosure. This section may include certain aspects of the art that may be related to various features of the present disclosure. However, it should be appreciated that this section be used only to

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