

# **A Generative Artificial Intelligence Supported Platform with Expert Built Modules for Proactive Communication Skills**

## **Abstract**

This research proposed to combine diverse large language models and artificial intelligence (AI) approaches to improve the communication and knowledge levels of nursing students, therefore enhancing their knowledge and skills needed for practice. Competence in communicating is a valuable attribute in all professional fields. Effective communication enhances the unambiguous and clear exchange of concepts, ideas, and knowledge. Communication is a fundamental component of all nursing domains, encompassing prevention, management, rehabilitation, and education. In contemporary times, the internet has emerged as a rapid means of acquiring knowledge. The objective of this research is to establish a clinical setting where healthcare students can engage in authentic conversations using large language modeled creative simulations. These simulations assist healthcare students in developing effective communication skills, enabling them to obtain comprehensive patient information prior to providing advice on their issues.