## **ix**labs<sup>®</sup>

How the University of Northampton is acing nursing training with virtual reality?

Nurse Training

The University of Northampton has been exploring innovative ways to enhance the training experience for its nursing students. One such initiative is the use of virtual reality (VR) technology in nursing education.

University : The University of Northampton Technology : VR Branch : Medical

## **Problem Statement**

Nursing students struggle with limited hands-on experience due to the cost of simulation equipment and limited clinical placements. Traditional classroom-based approaches may not adequately prepare them for real-world situations.

## Solution

The University of Northampton created a VR training program for nursing students to tackle challenges in their education. The program includes interactive simulations of medical scenarios like emergency response, wound management, and patient assessment.

## **Benefits**

The VR simulations have enabled students to practise and improve their clinical skills in a safe and controlled environment. Also, this program reduced the need for expensive simulation equipment and clinical placements, making nursing education more accessible and cost-effective.

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