VIRTUAL AND AUGMENTED REALITY TRAINING SYSTEMS FOR THE ELDERLY IN SINGAPORE

Singapore will witness a significant increase in the elderly population within the next few years. This ageing society means that there will be an increasing shortage of young workers. Thus, mature and senior employees will become critical in helping our economy maintain its competitive edge, not to mention that working is a good remedy for active ageing. For this, the elderly needs to be retrained for age-suitable occupations, and one cost-effective method could be the use of virtual reality (VR) and augmented reality (AR) learning process. This study aims to develop VR/AR learning programs for daily technology use and vocational training for the elderly.

DEVELOP VR/AR TRAINING PROGRAMS TO HANDLE THE IDENTIFIED CHANGES

UNDERSTAND CHALLENGES ELDERLY WILL FACE ON INDEPENDENT LIVING

EXAMINE THE EFFECTIVENESS OF THE DEVELOPED VR/AR TRAINING PROGRAMS IN MULTIPLE SENIOR CENTRES

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