

## ABSTRACT

For the health of the body, humans need vegetables to meet their nutritional needs. However, a high increase in population resulted in narrow land for farming. The increase is inversely proportional to the limited amount of land that results in humans lacking nutrition both vegetables and fruits. Therefore, hydroponics is one way how to grow crops without requiring extensive land, but to learn hydroponics is not as easy as turning the palm of the hand, if the technique is wrong then plants that grow quality will be less good.

So "Coursesponic" developed a virtual reality-based hydroponic training application that makes it easy for basic technical training to plant hydroponics effectively without having to come to training. The technology used uses Virtual Reality technology to visualize hydroponic cultivation training.

***Keywords:*** *people requirement, hydroponics, virtual reality.*