

Simulation exercise

Simulation Exercise Title:

Data Collection Tools Development

Objectives:

- To try to develop a data collection tool, according to the example of the applied research topic in the assignment of session 2.

Background

An inventive strategy to improve learning, accelerate skill development, and boost student engagement is the use of Virtual Reality (VR) technology into Vocational Education and Training (VET) programs. By offering immersive and interactive teaching settings that may be more successful than conventional techniques, the proposed research investigates how VR may change VET.

Data Provided

Research Topic: "Integration of Virtual Reality (VR) Technology in Vocational Education and Training (VET) Programs for Enhanced Skill Acquisition"

Overview:

This research will explore the impact of integrating Virtual Reality (VR) technology into vocational education and training programs. The study aims to investigate how VR can enhance the learning experience, improve skill acquisition, and increase engagement among VET students.

Research Objectives:

- Compare the learning outcomes of students using VR technology with those using traditional training methods.
- Analyse the motivational impact of VR technology on students' willingness to participate and learn.
- Collect feedback from both instructors and students on the usability and effectiveness of VR tools

Task

- Carefully study the applied research topic and objectives
- Based on the proposed topic and expected objectives, taking into account the advantages and disadvantages of using the proposed tools of data collection in simulation tasks before, develop a data collection tool most relevant to the research topic.

Guidelines

- In order to develop one of the data collection tools, carefully study the materials from Sessions 2-3.
- Use the practical tips for creating questions offered in the video from session 3.
- Use the examples and templates as a guidelines:

Interview:

<https://uk.indeed.com/career-advice/interviewing/qualitative-research-interview-questions-examples>

Focus Group:

<https://dovetail.com/research/focus-group-examples/#:~:text=For%20example%2C%20a%20company%20forms,they%20have%20for%20improving%20it.>

Survey Templates Collection:

https://try.pollfish.com/?campaignid=%7Bcampaign%7D&adgroupid=%7BAdgroup%7D&matchtype=e&device=c&network=g&utm_source=google&utm_medium=cpc&utm_term=survey%20template&utm_campaign=gsem_col-RED_phrase&hsa_acc=4365010140&hsa_cam=14831619347&hsa_grp=134667641504&hsa_ad=694683286689&hsa_src=g&hsa_tgt=kwd-113601399&hsa_kw=survey%20template&hsa_mt=e&hsa_net=adwords&hsa_ver=3&gad_source=1&gclid=Cj0KCQjwsaqzBhDdARIsAK2gqnftycolCxCDI3E114sLAtQ4KzZKHS1EG5Eee78h6c1TT91g8Jnhit0aAsHMEALw_wcB

Deliverables:

- A developed data collection tools of one type: interview, survey, focus group, observation.