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## **THE USE OF IMMERSIVE TECHNOLOGY IN THE VISUAL ARTWORK PRESENTATION AMONG MALAYSIAN TEACHER TRAINEES**

# Imagine, you are at a visual art exhibition?..



# Can technology help you in teaching and learning methods?



- ☐ How has today's technology change the way/methods for teachers, trainees teachers and students learn?
- ☐ Imagine you are in a gallery. The project that the students produce is "abstract painting" that you don't understand?
- ☐ As an artist/lecturer, you may be able to appreciate the meaning behind the painting. What about the rest of the audience?

# How to evaluate the artworks?



- ☐ How do you want to evaluate a artwork if you don't know the meaning of the drawing (accessor/lecturer)?
- ☐ Should every artist/students be in the gallery to tell one by one the meaning of his/her artwork. If so, how long was there?
- ☐ If not, is there really a suitable technology that can help something about this. It involves dozens of works by teachers trainees at one exhibition.

# Today's device and technology



- ❑ Here technology is changing the way to assess learning. The term: 24/7, easy to access, there are "subtitles" in other languages for better understanding of lecturers, evaluators/audiences.
- ❑ At any time, at any place and anywhere as long as the "device" is brought along. QR code scanners exist and their use is very widespread today.
- ❑ Students/teacher trainees find it easier way to tell about their work.

# Accessor/Lecturer/Teachers Trainees



- ❑ As assessors they can assess it at any time. Make it easier for the appraiser to understand the implied meaning. Easy to understand the language. Also contains "subtitles" for difference languages.
- ❑ Can make preliminary preparations (exhibitions). Skills and knowledge are applied early. Try to understand the wishes of the lecturer/assessor.
- ❑ This technological idea is not boring. The result of the work produced is easier to remember.

# Accessor/Lecturer/Teachers Trainees



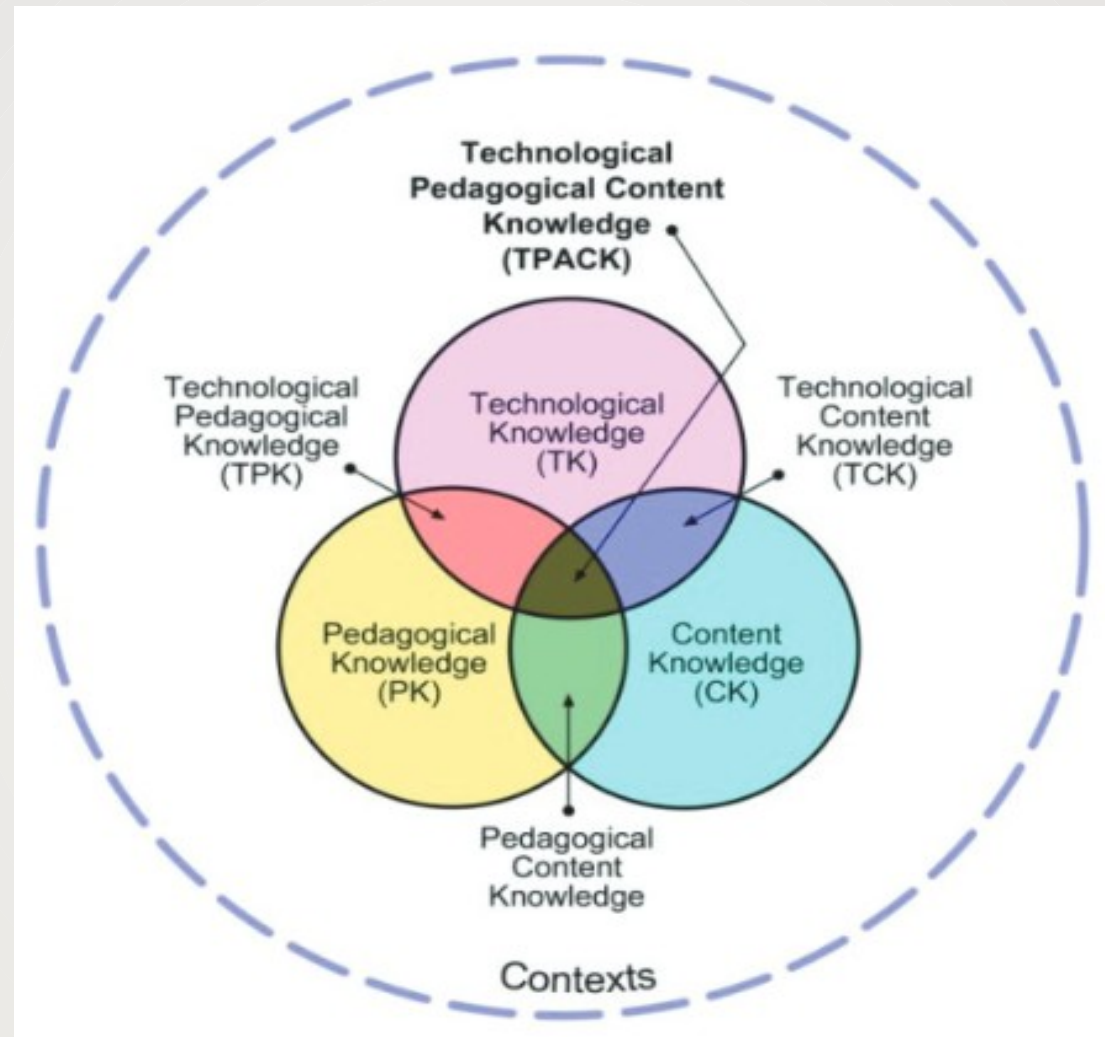
- ☐ The artworks can be commented by friends for improvement, finding ways to understand their audience.
- ☐ Find a better ways to use language and translations that are easy to understand.
- ☐ The technology is interesting and not boring to other students for implement.
- ☐ Presented in reality/virtual as desired without surrounding disturbances.

# What is the technology AR-VR Metaverse?

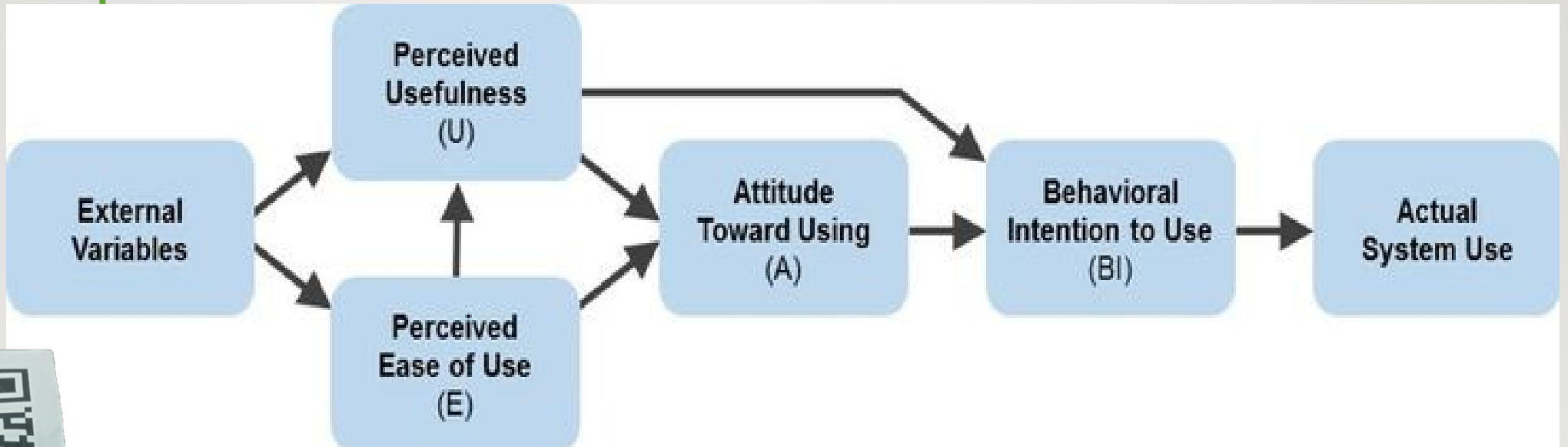


- ❑ "Augmented Reality" (AR) "Visual Reality" (VR) "Metaverse" is proposed by researchers as an immersive technology that can help to solve this matter. Can it help?
- ❑ The use of "(AR-VR) Metaverse" in the Visual Art Exhibition can help in learning at higher institutions/schools. The impact is significant.
- ❑ Appraisal of works of art is often held in an exhibition space/gallery with dozens of works in the gallery will be easier and interesting.

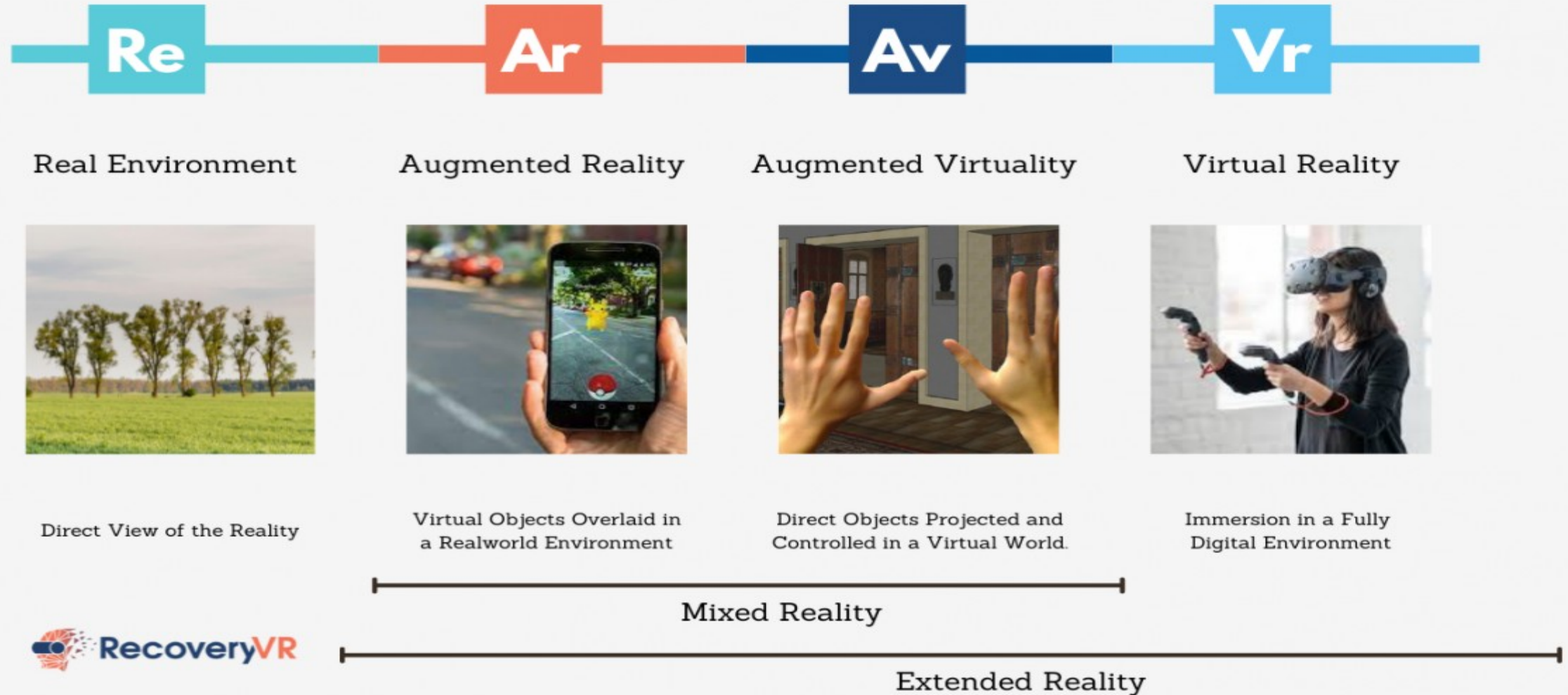
# Technological Pedagogical Content Knowledge



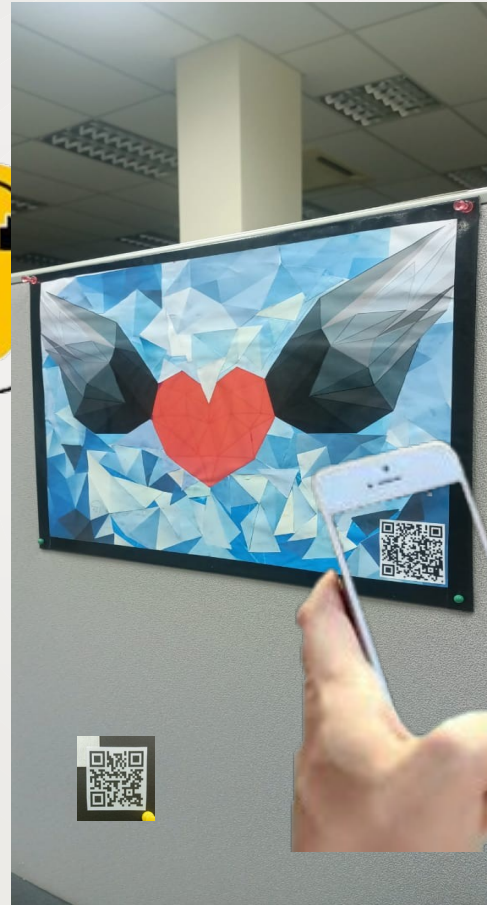
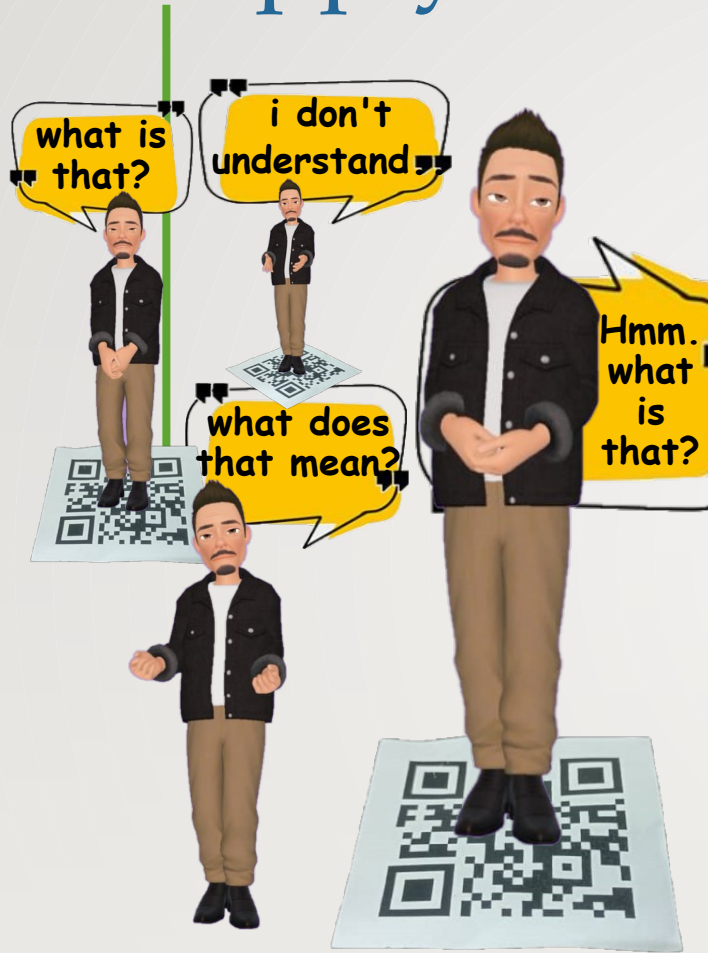
# Technology Acceptance Model (TAM)



# 4 Main Combination of Immersive Technology



# How to Apply this Technology in Art Exhibitions



# AR-VR Application is Easy and Accessible



# Comparison of Conventional vs Technology

## Conventional



VS



## Immersive Technology

# Findings



- ❑ "The findings show that "(AR-VR) Metaverse" technology is an immersive technology that greatly helps assessors/lecturers/trainee teachers in the learning process.
- ❑ The effect of "(AR-VR) Metaverse" in the art exhibition shows that it is very helpful especially for teacher trainees and a student who taking visual art course.
- ❑ The effect on assessors, lecturers, trainee teachers and the audience is also good, can be adopted, easily accessible and very encouraging.

# Conclusions



- ❑ The "(AR-VR) Metaverse" application proposed by the researcher as an immersive technology is very suitable for current education trends and the development of digital education.
- ❑ The impact of the use of "(AR-VR) Metaverse" and its application in visual art exhibitions at higher education institutes that produce trainee teachers is very effective and needs to be developed.



Thank you..