

FECTAR Prototypes

Prototype: Holographic Avatar

- ▶ Holographic character that provides step by step instructions that can be projected into an educational space



Holographic chef: How we made it

- ▶ Benefits: Allows learners to visualize operational procedures and practise skills such as following recipes and cutting techniques remotely. Creates personal connection
- ▶ Context: Need for practical education students to be job ready on their first day in the kitchen

INCORRECT USE CASE



Augmented Reality (AR) - requirements

Recorded with the phone

Very fast method to produce

Interactivity can be added

App on the phone, to scan link or QR code

Holograms (greenscreen required)

Computer to edit / remove the green, and enrich with links and flow



Background is **greenscreen** when recording



CHALLENGES:

- Use case not well thought through
- Lighting & shiny materials
- Close-ups (2D video?)
- Students want 3D
- Can record just as well with a phone
- Prepare separate parts – each part needs to be recorded 2-3 times (enough to cut)

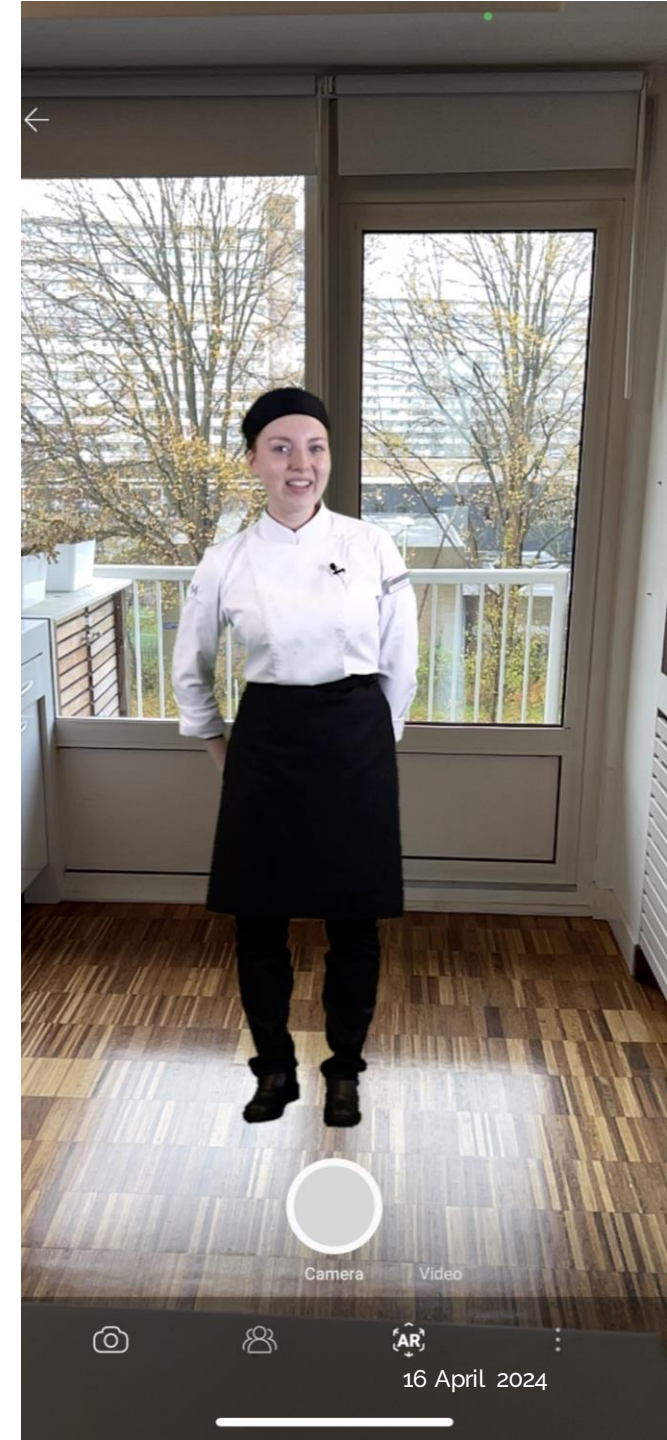




What better use cases of
holographic avatar
do you see for your
courses?



CORRECT USE CASE: Kitchen Safety Uniform



- Spaces
- File manager
- Analytics
- Channel
- Help

Spaces / Cutting techniques v2 / Layout

Save Cutting techniques v2

Layout Preview Share

Add content Search your spots

- GLTF**
- Video**
- ButtonSpot**
- Holopresenter**
- GLTF**

Estimated total size: 62.1 MB

GLTF

Position

Position (cm) ?
 X: -195.63 Y: 46.2 Z: -72.7

Rotation (degrees) ?
 15.0769 Advanced » ?

Content

Height (cm)
 96

Calculate pivot

a45653d4_poly.glb
Select GLTF

Show spots on tap

Hide spots on tap

16 April 2024
 Title of the presentation > edit via function Header and Footer

EDITING IN
 FECTAR STUDIO

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Che
 Sign out