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Digital artisan shops and immersive experience

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DIPARTIMENTO DI INGEGNERIA INDUSTRIALE

01/03/2022

Immersive experience in the craft workshop

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Real footage design

- Planimetry of the shop
- Choice of shooting points in the shop
- Choice of device for 360 ° shooting

360 ° shooting processing

- File format conversion of 360 ° footage
- Improvements of 360 ° shooting

VR experience programming

- Development platform choice
- VR device choice

Real footage design

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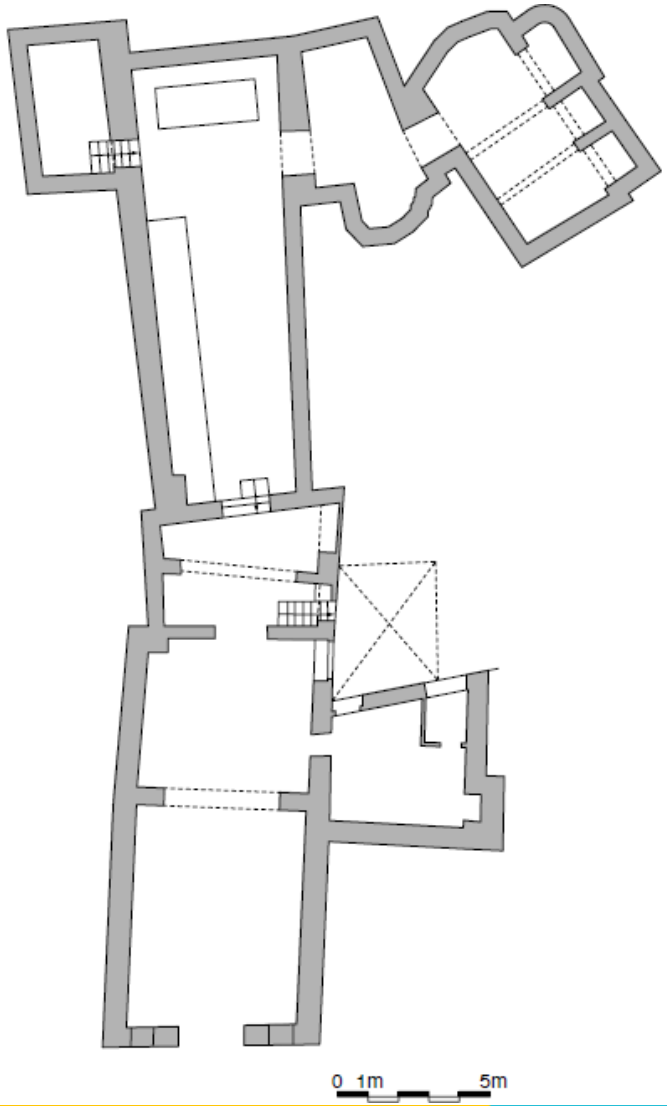
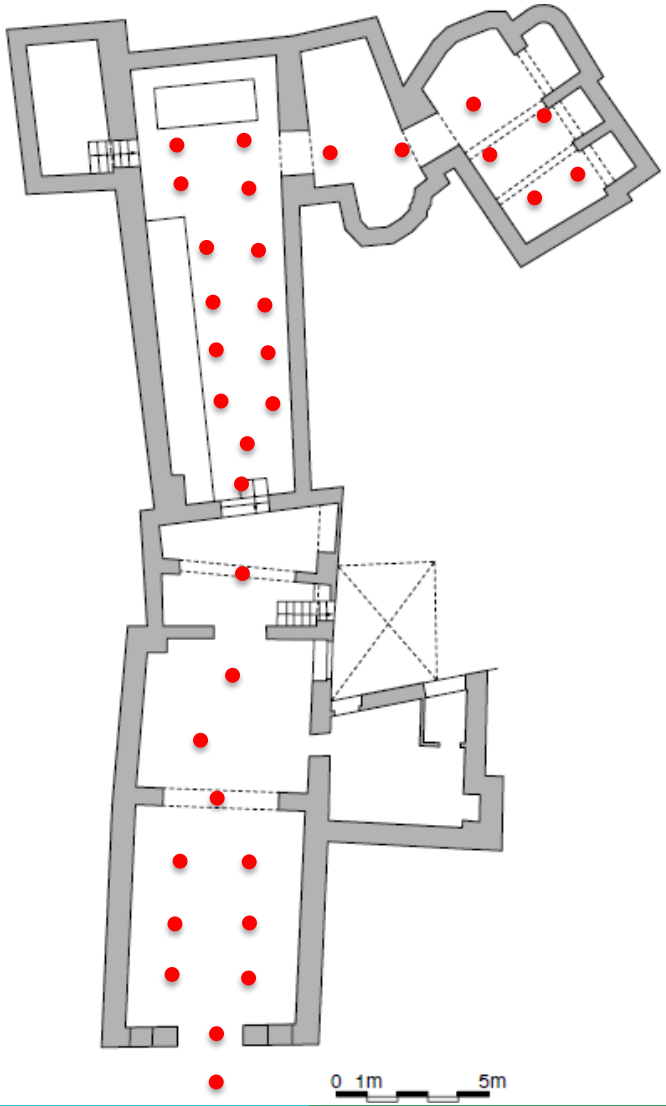
Planimetry of the shop



360° shooting points



Camera 360°

Insta360 ONE R

Downloads >

360 ° shooting processing

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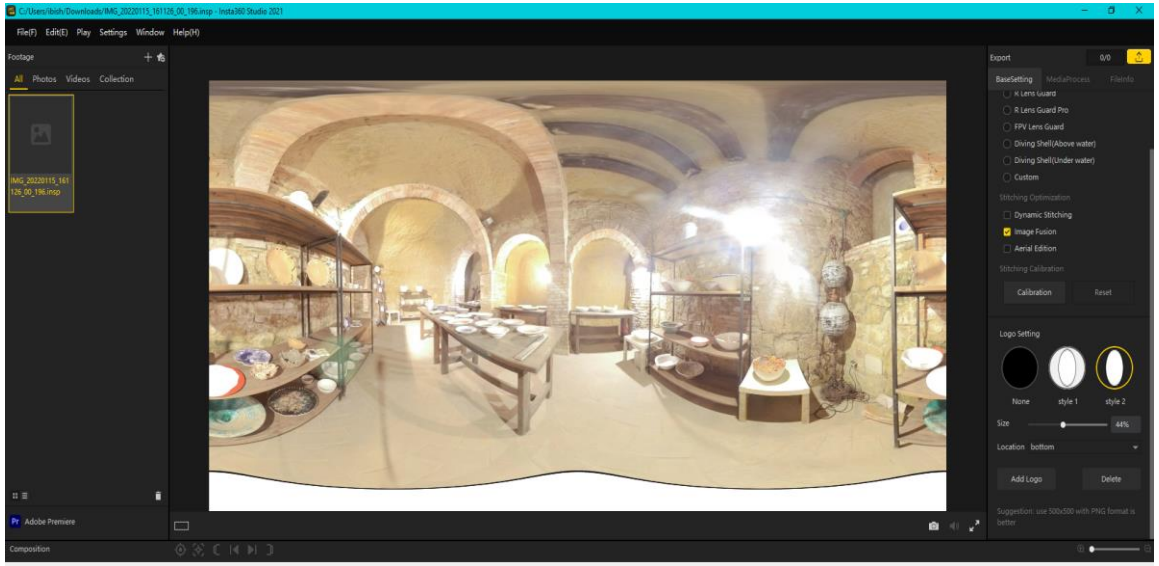
File format conversion

IMG_20220115_160936_00_188

IMG_20220115_160936_00_189

IMG_20220115_160936_00_190

Editing footage



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VR experience programming

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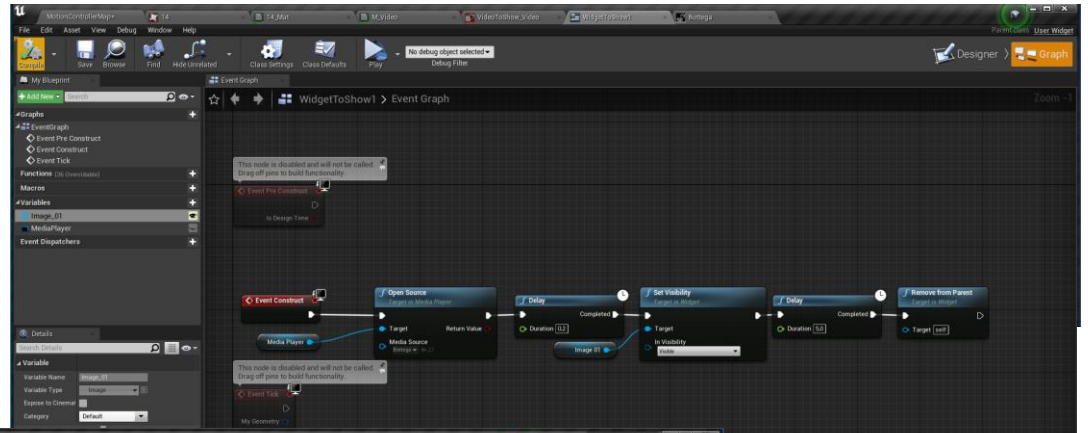
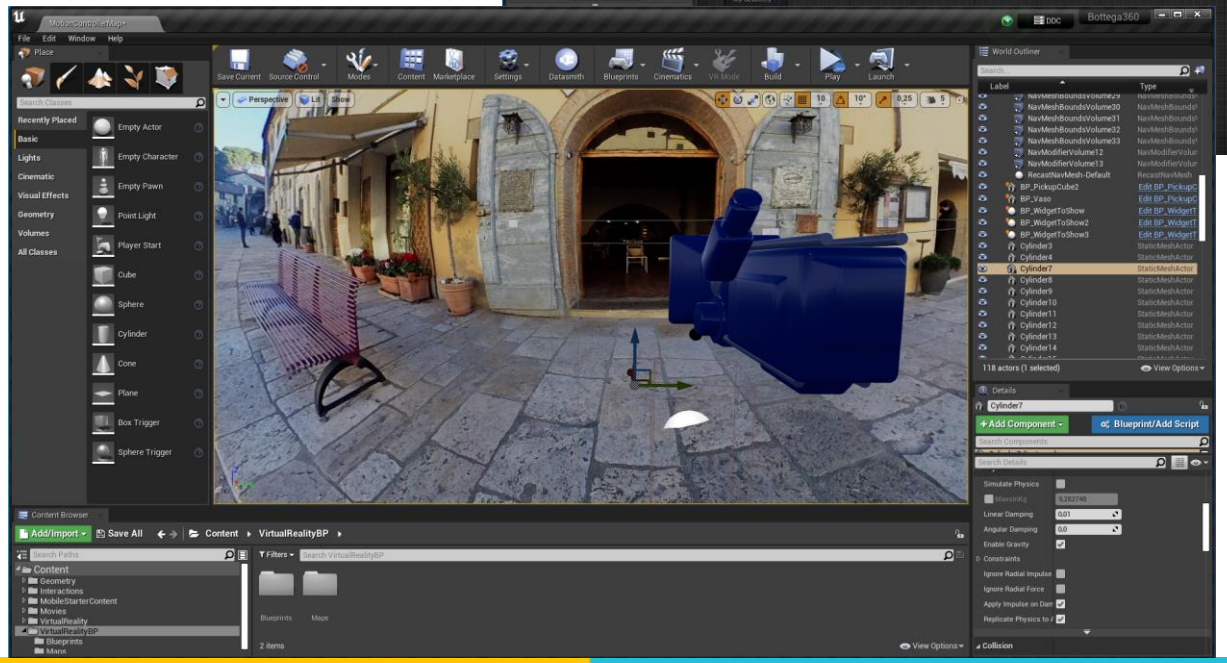
Development platform and VR device choice

UNREAL ENGINE

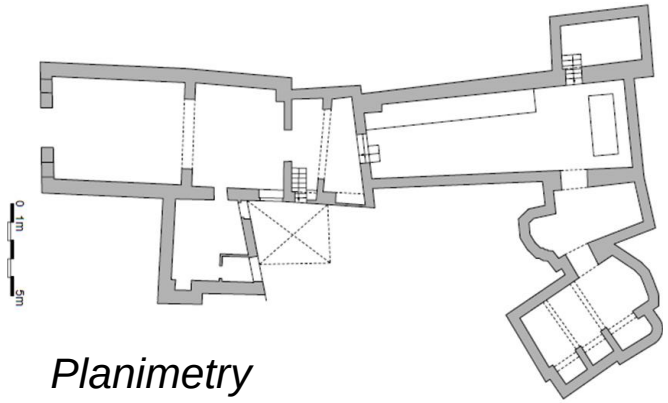




oculus

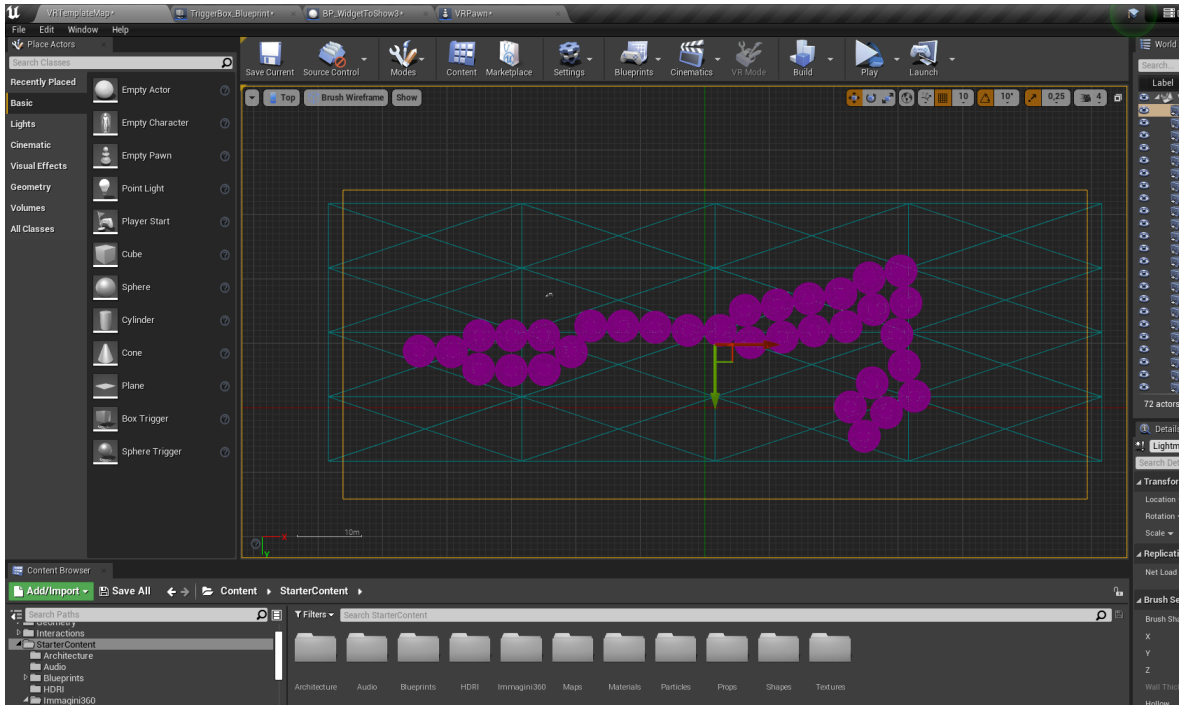
Realization of the VR experience

Rebuilding of the shop according to the planimetry



Planimetry

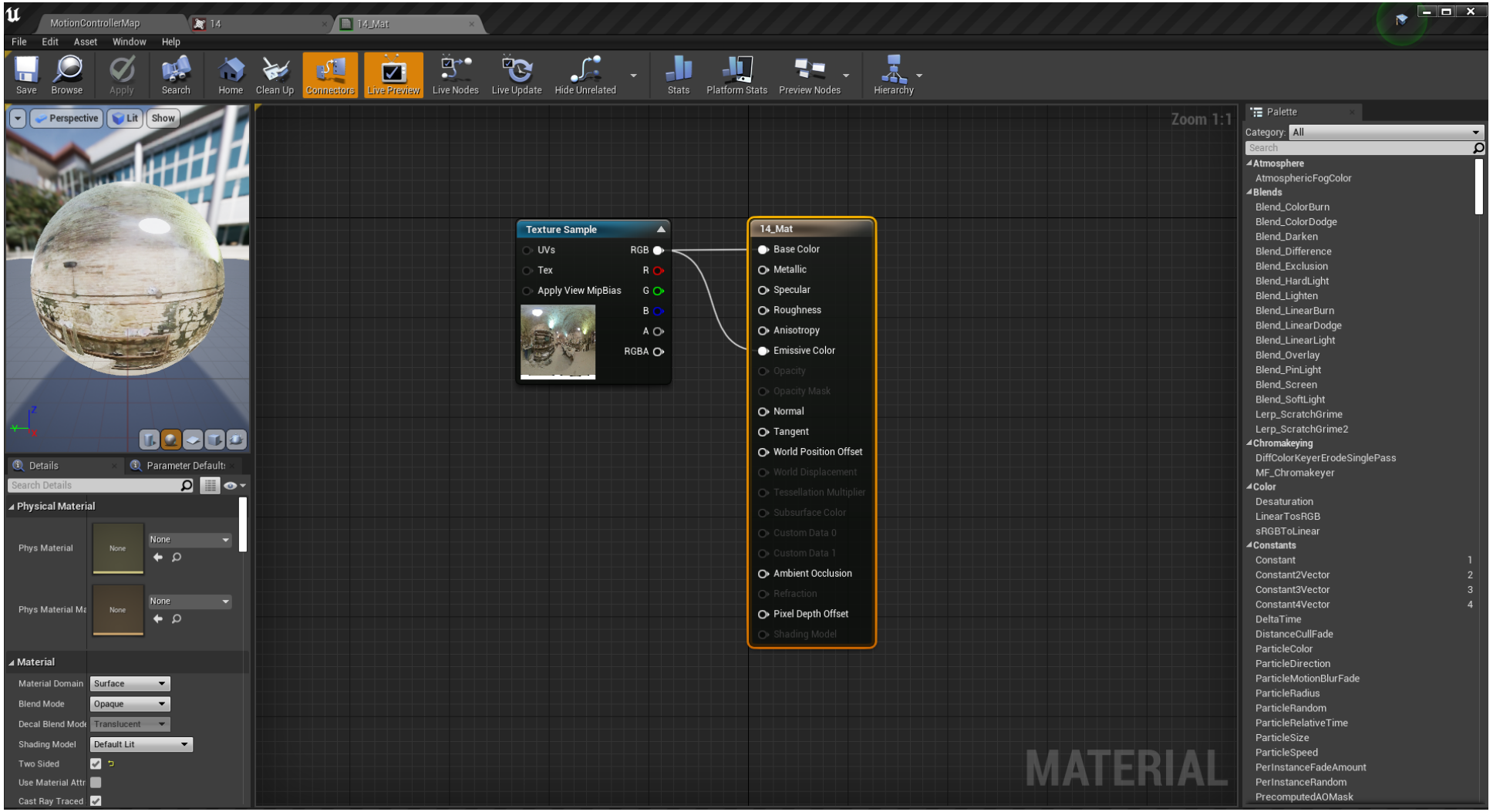
Top view



Perspective view

Realization of the VR experience

360 ° shooting in material



Footage

Material

Sphere

Realization of the VR experience

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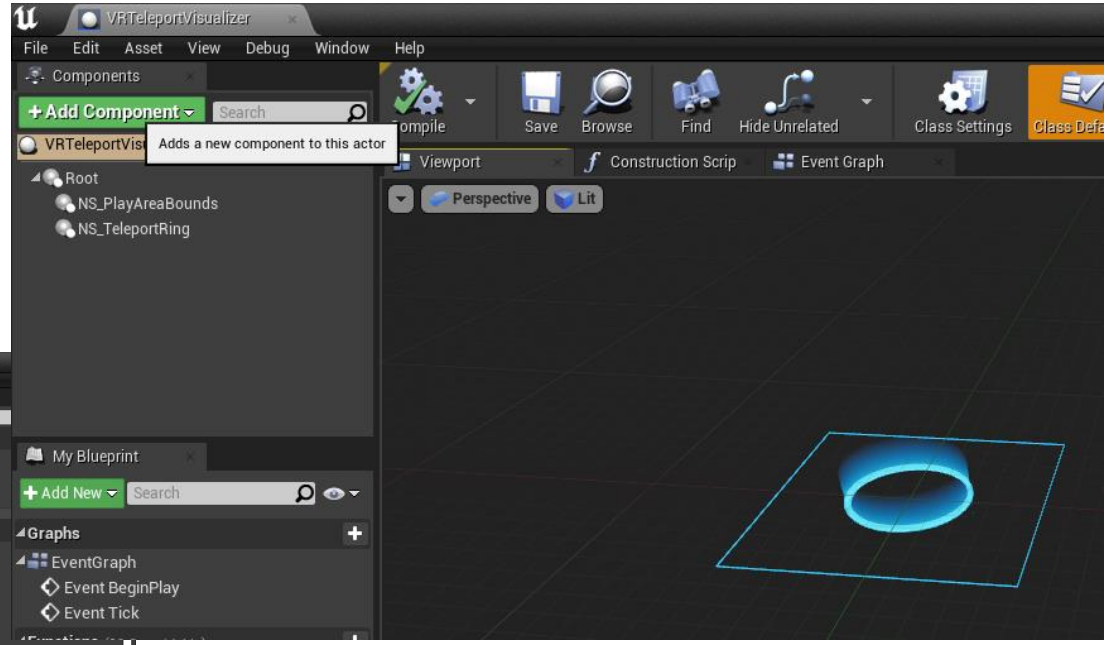
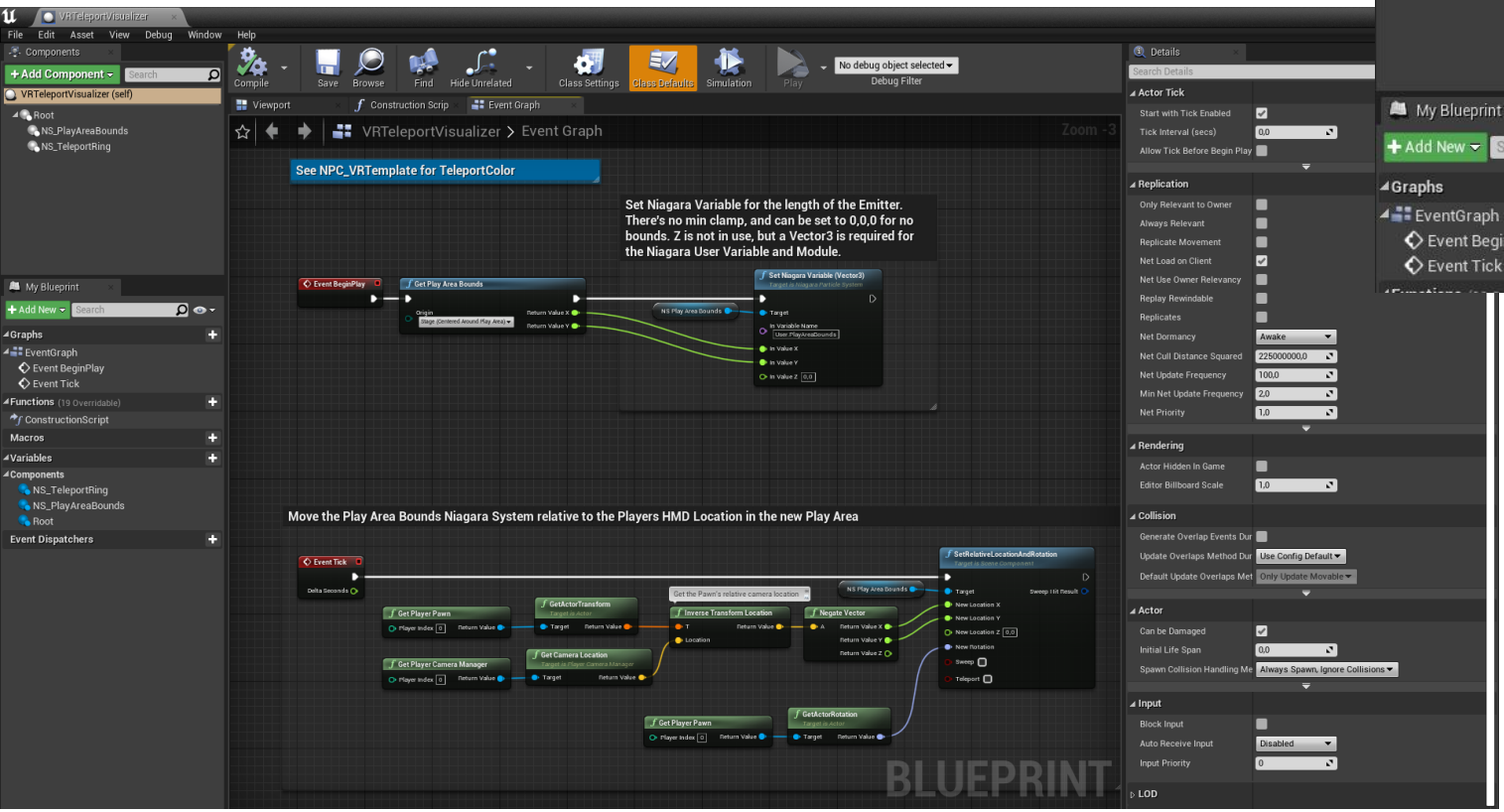
Teleport programming

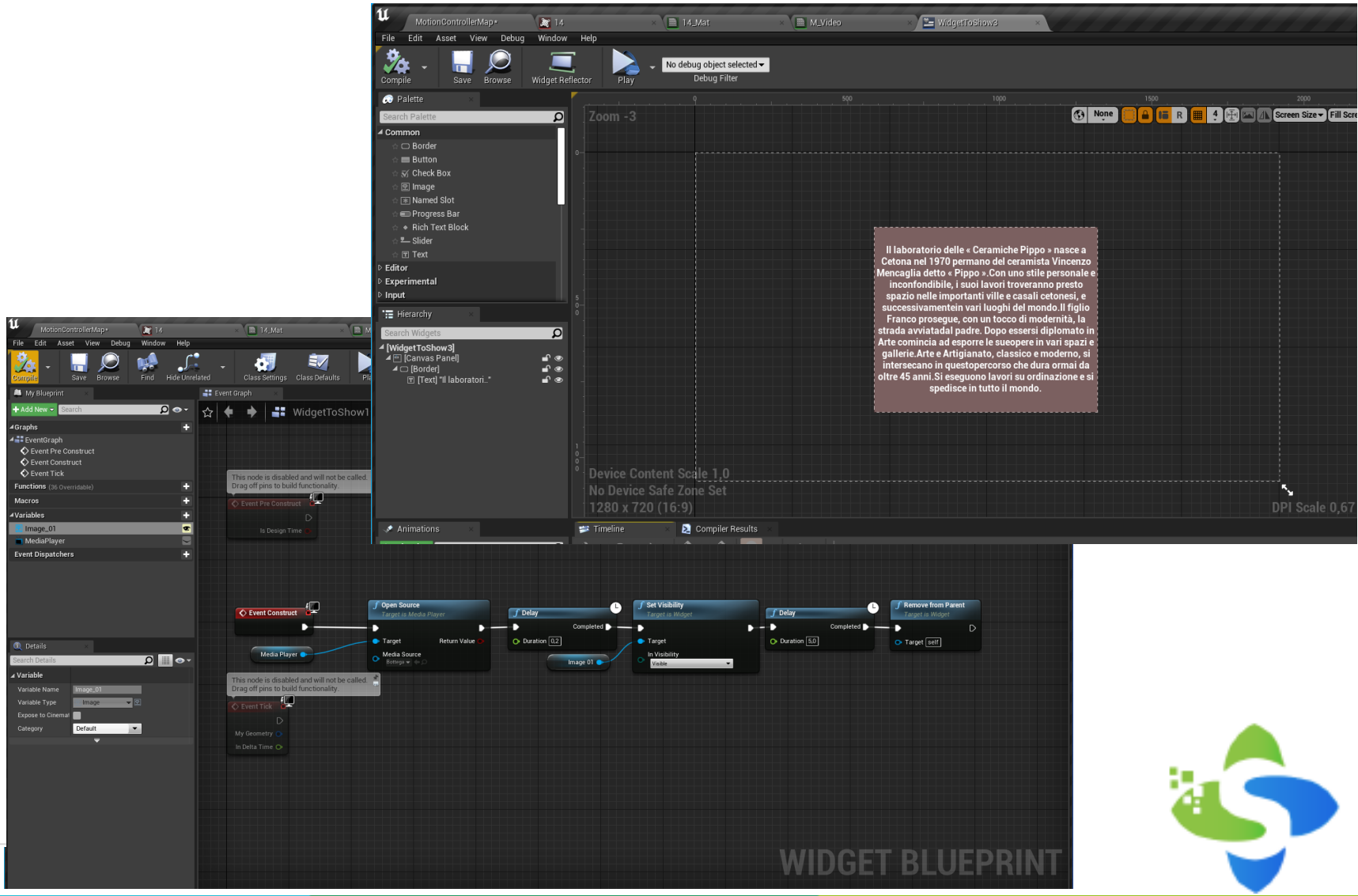




Realization of the VR experience

Info points and interactions programming

1 - collezione calamite
2 - collezione vuoti pieni
3 - semisfere
6 - Nome Collezione
7 - Nome Collezione



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THANK YOU ! ! !

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