

DC
BOX

DIGITAL CURATOR
TRAINING TOOL BOX

Result 3

Deliverable 3.4
**Augmented and
Virtual Reality Module**



Co-funded by
the European Union



Deliverable 3.4 - Augmented and Virtual Reality Module

The module is accessible by visiting the [learning platform homepage](#), and clicking on the relative section. Access must be requested to the system administration.

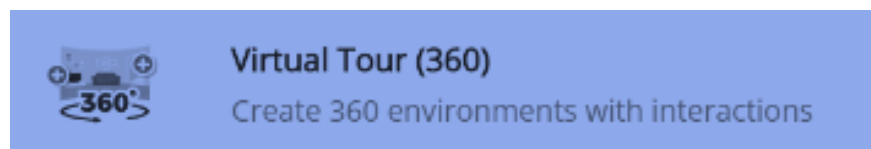
The screenshot shows the Moodle DCBOX website interface. At the top, there is a navigation bar with the email address "E-mail : support@moodle.dcbox.eu" on the left and a user profile icon on the right. Below the navigation bar is a search bar with the placeholder text "Search courses" and a magnifying glass icon. The main content area is titled "Available courses" and features a carousel of four course cards. The first card is titled "B. ADVANCED 3D DIGITIZATION" and shows a person sitting in a colorful, futuristic environment. The second card is titled "C. POLICIES AND DIGITAL DATA PRESERVATION" and shows a blue, abstract, circular pattern. The third card is titled "D. DIGITAL ACCESS: UNIVERSAL DESIGN AND VIRTUAL EXPERIENCES" and shows a person wearing a transparent AR headset. The fourth card is titled "Virtual Reality Module" and shows a VR headset, and this card is highlighted with a yellow border. Below the carousel is a section titled "Site announcements" with a light blue box containing the text "There are no discussion topics yet in this forum". On the right side of the page, there are two small circular icons: one with an upward arrow and one with a question mark.



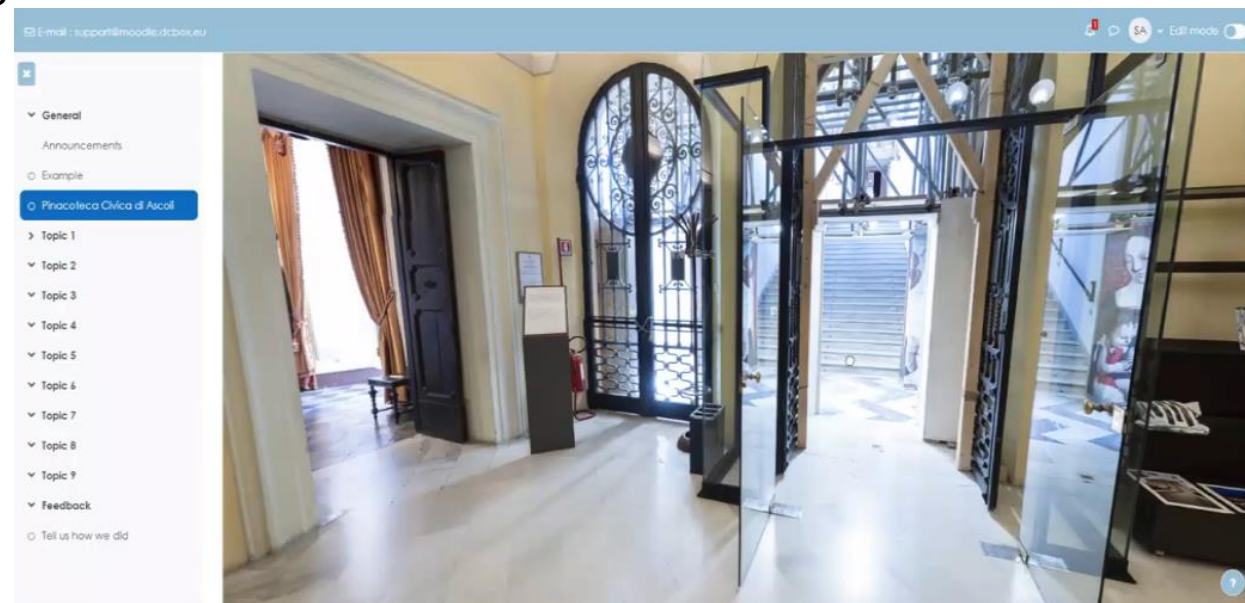
Deliverable 3.4 - Augmented and Virtual Reality Module

Through the VR Module, students have the opportunity to create their own **virtual experiences** within a **collaborative and easy-to-use platform** within the online Dcbox platform.

They can work together in the same environment to build their **personal tours** without the need for specific programming skills.



- ✓ Add 360° scenes
- ✓ Navigate between scenes
- ✓ Connect scenes
- ✓ Add interactions
 - ✓ Text about the scene,
 - ✓ Video,
 - ✓ Image of the details.



This output will be initially developed in parallel with the remaining actions, in order to test and validate the AR/VR content creation framework. This section will be specifically designed to enable users with no programming skills to co-create their own AR/VR experiences. As today an easy-to-use editor for AR/VR is not existing, this framework will constitute one of the main novelties of the project.



Deliverable 3.4 - Augmented and Virtual Reality Module

E-mail : support@moodle.dcbox.eu

Virtual Reality Module

Course Settings Participants Grades Reports More

Example: Pinacoteca Civica di Ascoli

FORUM Announcements

H5P Pinacoteca Civica di Ascoli Mark as done

H5P VR Module Tutorial Mark as done

Gruppo 1

Not available (hidden) unless any of:

- Your Email address is S11 @studenti.univpm.it
- Your Email address is S11 @studenti.univpm.it

Interactive Content: 1

This output will be initially developed in parallel with the remaining actions, in order to test and validate the AR/VR content creation framework. This section will be specifically designed to enable users with no programming skills to co-create their own AR/VR experiences. As today an easy-to-use editor for AR/VR is not existing, this framework will constitute one of the main novelties of the project.



Deliverable 3.4 - Augmented and Virtual Reality Module

E-mail : support@moodle.dcbox.eu

Virtual Reality Module

Course Settings Participants Grades Reports More

Example: Pinacoteca Civica di Ascoli

FORUM Announcements

H5P Pinacoteca Civica di Ascoli

H5P VR Module Tutorial

Gruppo 1

Not available (hidden) unless any of:

- Your Email address is S11 @studenti.univpm.it
- Your Email address is S11 @studenti.univpm.it

Interactive Content: 1
Progress: 0 / 1

The VR Experiences are displayed with the 'H5P' icon and can be accessed by clicking on the name

Modifying permission and visibilities can be set up for each working group and account



Deliverable 3.4 - Augmented and Virtual Reality Module

In the tab 'Interactive Content', users can navigate through the experience, moving between scenes and interacting with the content

INTERACTIVE CONTENT

Pinacoteca Civica di Ascoli

Interactive Content Settings More

Mark as done

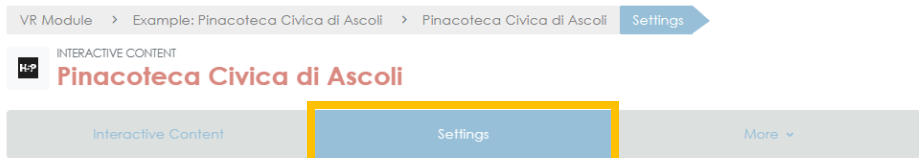
Entrance Room

The two sculptural groups by Stefano Galletti and Nicola Cantalamessa Papotti, introduce us to the introduce us to the visit of the picture gallery. Among the paintings on the walls stand out the portrait of a gentleman in 18th-century clothing; the two faces of elderly apostles and a romantic landscape; all works from the "the 'Ceci collection', a testamentary bequest made in 1920 by the doctor from Ascoli, working in Pisa, Antonio Ceci. The room was originally called Sala Ventidio Basso because it housed a bust of the Roman general Publio Ventidio Basso, victor of the Parthians in the 39-38 BC campaign; after an intervention reorganisation of the collections, the bust is now exhibited at the city theatre named after Ventidio Basso himself.

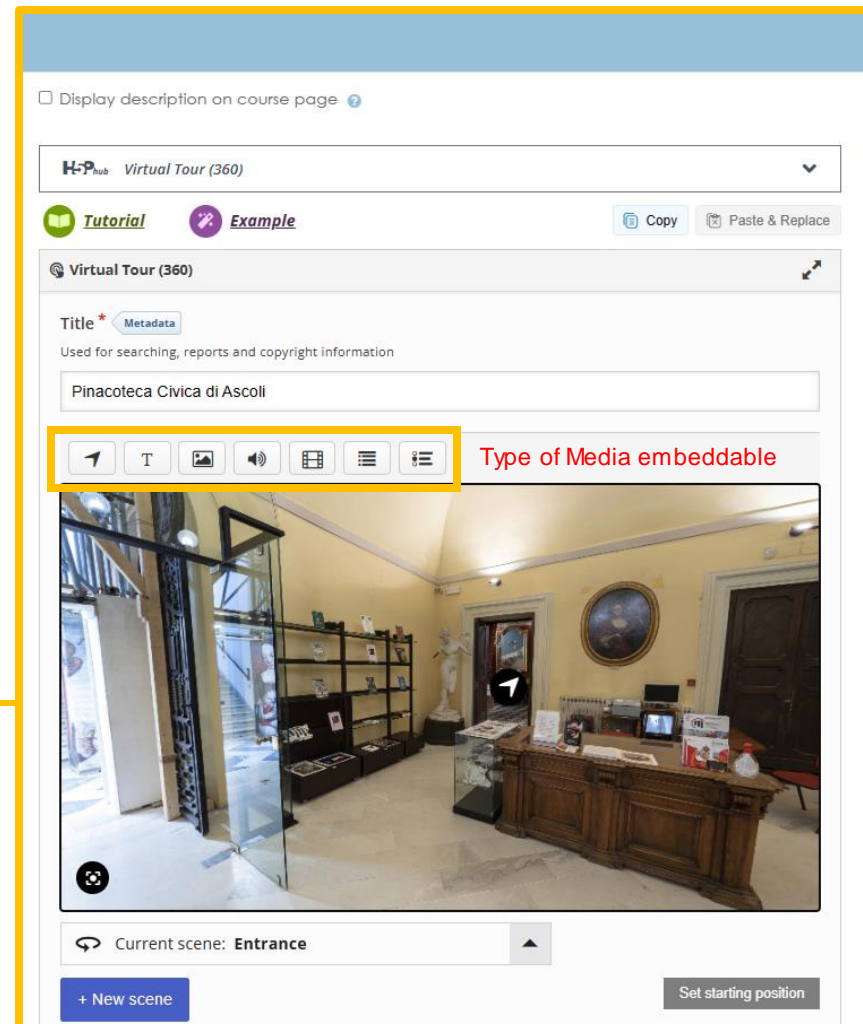
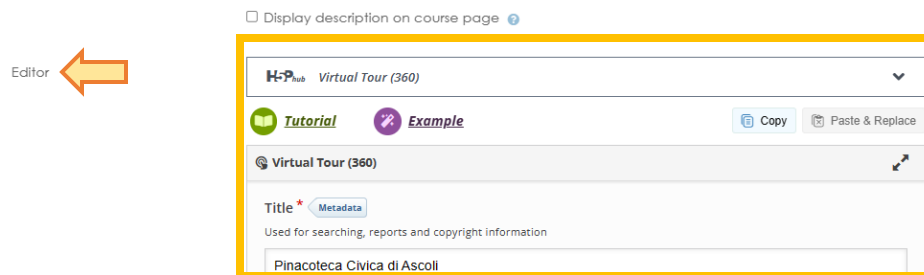
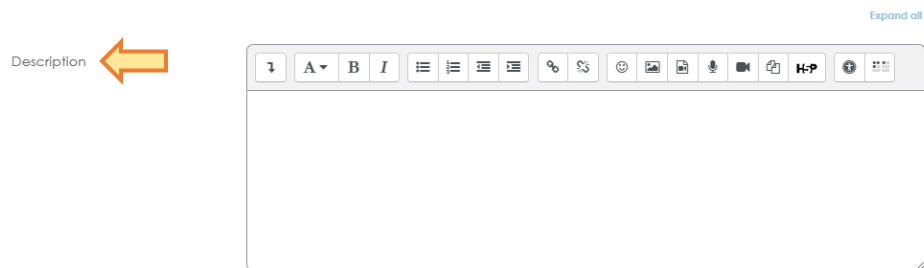


Deliverable 3.4 - Augmented and Virtual Reality Module

In the 'Settings' tab, users can modify the content of the experience, adding descriptions and other content, directly managing scenes and media embedded into the final product.



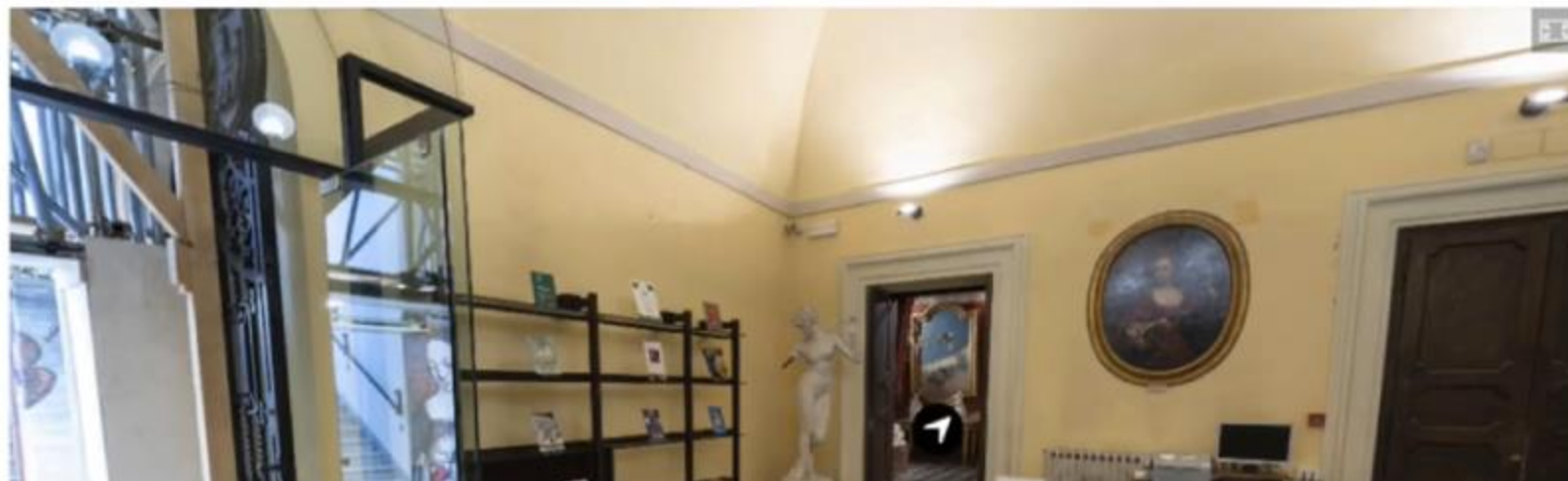
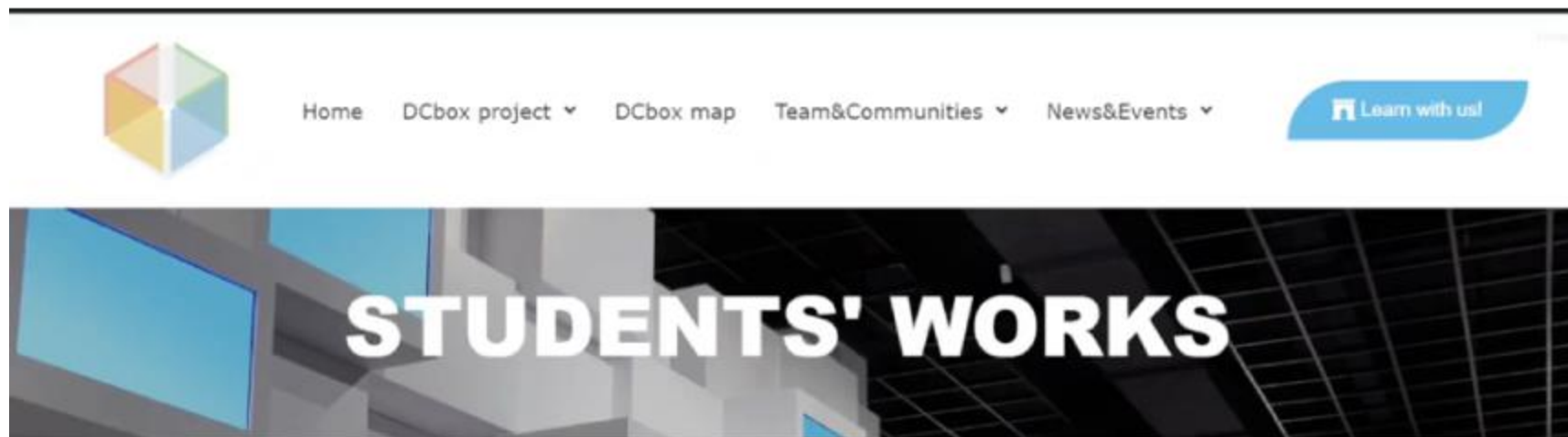
Updating: Interactive Content





Deliverable 3.4 - Augmented and Virtual Reality Module

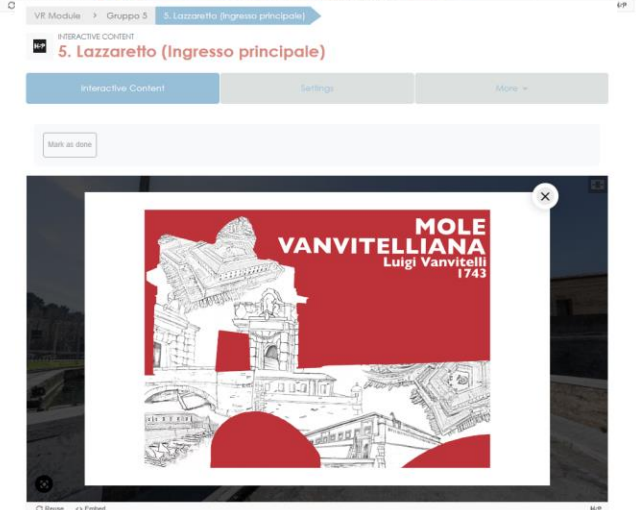
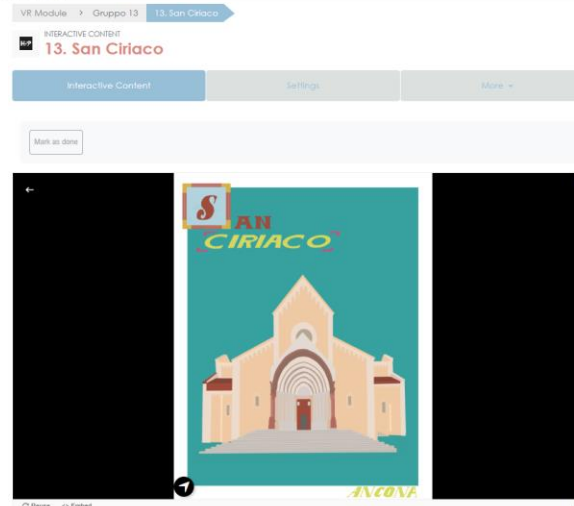
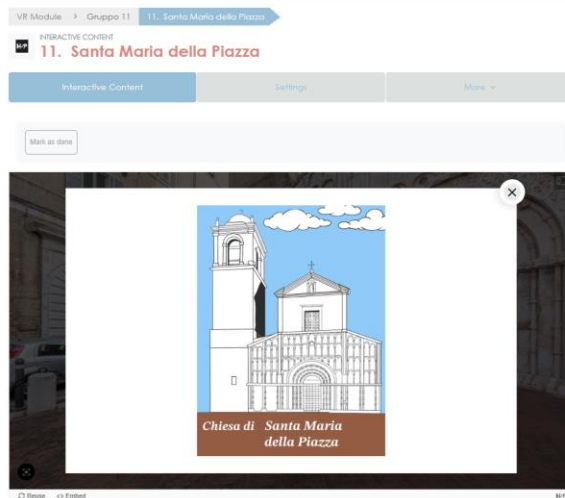
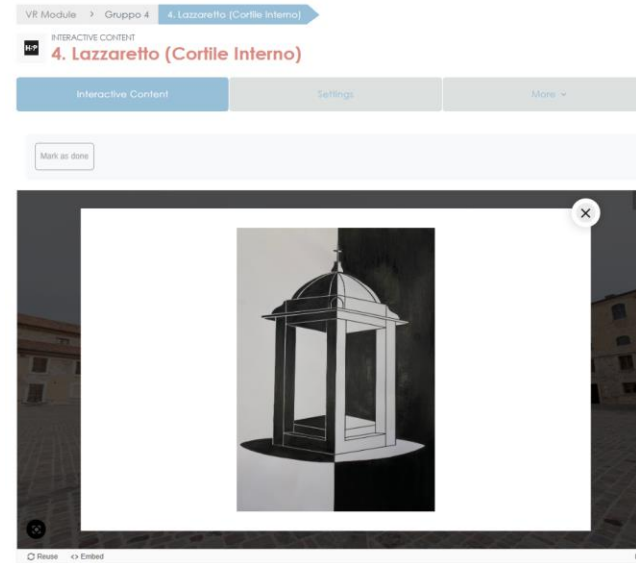
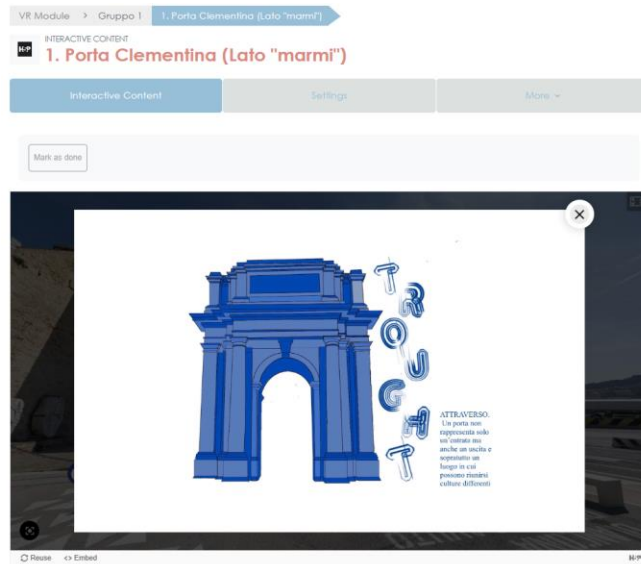
The experiences can be exported in .h5p format and integrated into a website to showcase the work without creating an account on the platform





Deliverable 3.4 - Augmented and Virtual Reality Module

Here are some examples of students' work presented using the VR Module on the platform collaborating together to join their own drawing with the others from team members



DCC

BOX



D I G I T A L C U R A T O R
T R A I N I N G T O O L B O X



Co-funded by the
Erasmus+ Programme
of the European Union



UNIVERSITÀ
POLITECNICA
DELLE MARCHE



Universitat de València
Universitat de València
Universitat de València



UNIVERSIDADE
LUSÓFONA



UNIVERSIDAD DE CORDOBA



THE CYPRUS
INSTITUTE
RESEARCH • TECHNOLOGY • INNOVATION

The VR Module is a result of the Erasmus+, KA220-HED "Digital Curator Training & Tool Box – Dcbox", Application ID 10042741. The content of this document reflects only the author's view and the Programme Authorities are not liable for any use that can be made of the information in it included.

