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Project acronym: CulHerCis22

Project name: Culinary Heritage of the Cistercians in Central Europe

Call: CREA-CULT-2022-COOP

D.3.1. - 3D visualisation

As part of this project, a short game designed for virtual reality was created for the purpose of 3D visualization of the Cistercian culinary background.

Game content

The player can choose from two scenes in two periods - the kitchen or the refectory, and in the Gothic or the Middle Ages.

In the kitchen, the player's task is to fire up the boiler and cook one of the offered period dishes. To do this, you need to take an axe in both hands and chop wood with it, which is then thrown on the fire, after which the game allows the player to throw various ingredients into the cauldron, which then become the finished dish.

In the refectory, the player has to dine according to the customs of the time. During the game, the player must use the controllers in his hands to manipulate objects in virtual reality and continue the plot, which is determined by flying parchments, e.g. he must bring food to the table, say a prayer in Latin and then consume the food.

In the case of the Cistercians, who communicated with signs, the player is presented with a set of signs to remember, such as "bring water" or "bring food". After a while, the hint disappears from the signs and the player must perform a certain number of tasks to complete the game.

The game builds on the educational programmes developed (see D.3.2.).

The game is implemented in three languages - Czech, German and English.



This picture shows a prepared table with food, which the player has to bring to the table behind him.



Afterwards, the player must pray.

Technical Recommendations for Operation

Supported Devices

The app was developed for the Meta Quest 2 VR headset, compatibility on other devices may not be the same.

Installation guide

1. Use the web browser in the VR headset to download the .apk file from the address https://drive.google.com/file/d/1JWOBhwQvgzelY11FlzCZpftP2BvAQuZb/view?usp=drive_link
2. Use the file browser in the VR headset to install the downloaded .apk file

Using the headset

To play the game, you need a Meta Quest 2 VR headset with both controllers. With the left joystick the player moves and with the right joystick the player can rotate. The button under the index finger can then be used to manipulate virtual objects and the buttons under the middle fingers can be used to press buttons on flying parchments.

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