ARTABILITY VIRTUAL MUSEUM

Artability virtual museum is a software that provides the capability of a virtual visit in the ARTABILITY exhibition.

For the creation of the software, 200 photos of artworks were taken and those pictures were transformed to 3D meshes and placed inside a virtual 3D environment.

The 3D environment consists of four rooms (one for every organization) and one reception room.

For the museum tour a first person character created, using 3D physics engine (first person character: a perspective used in 3D applications where all action is seen as if through the eyes of a character in the story).

This Character is controlled by the user and is able to walk around, look around, interact with the environment: collides with walls and objects, changes behavior in some places, has the ability to use buttons to see in full screen every artwork or information, changes the environment sound when moving around.

The final version of the application was released for PC, MAC and Linux standalone (Target platforms: Microsoft Windows, Mac OS X and Linux).

Credits:
Creation: studio43, Nektarios Basdekis
Music: www.bensound .com
Original Artworks: Artability Project Artists