Research & Innovation Information Technologies / ATHENA

UNICHE

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CoSpace: Mixed Reality application for digital exhibition design

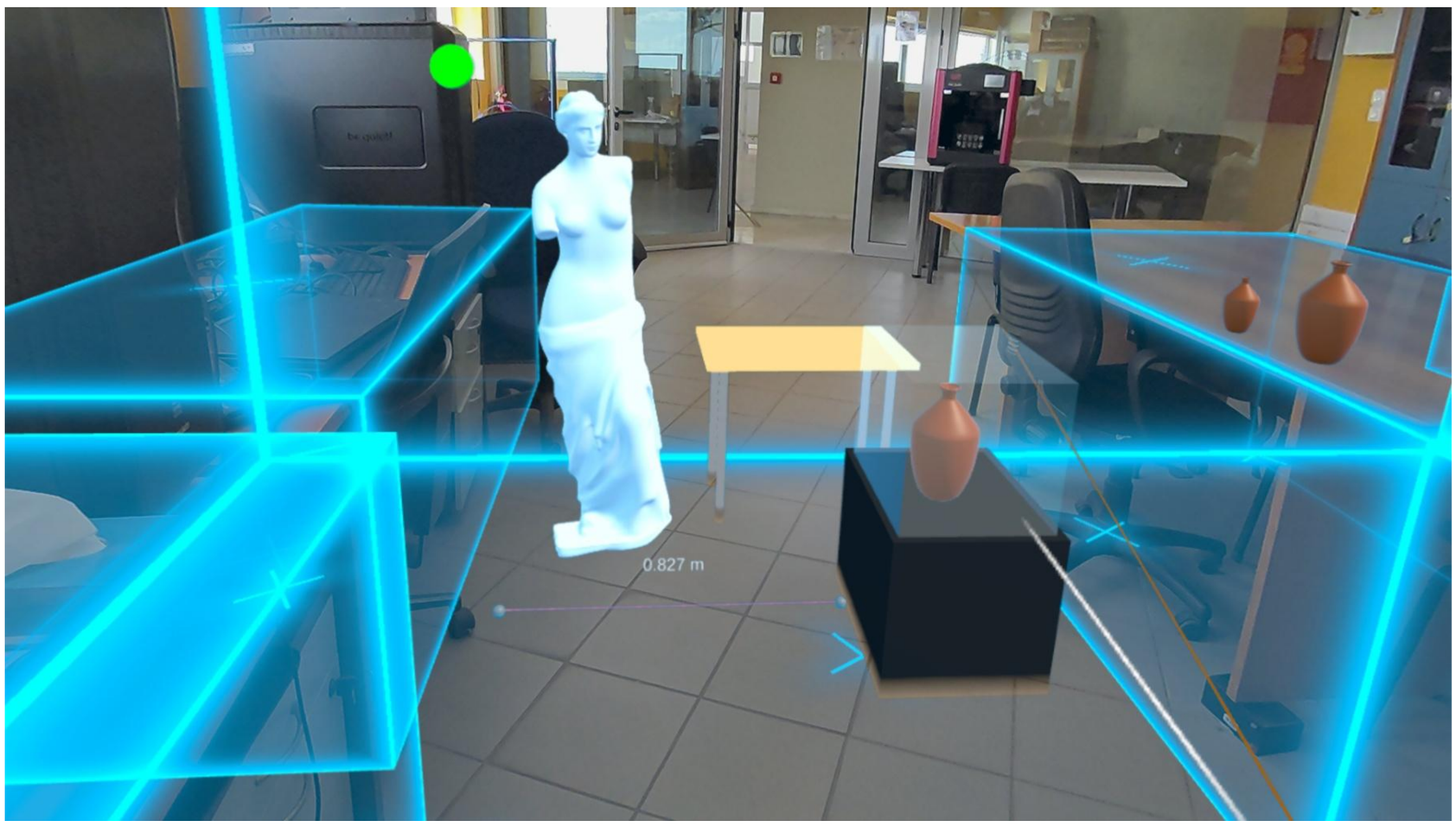
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Purpose

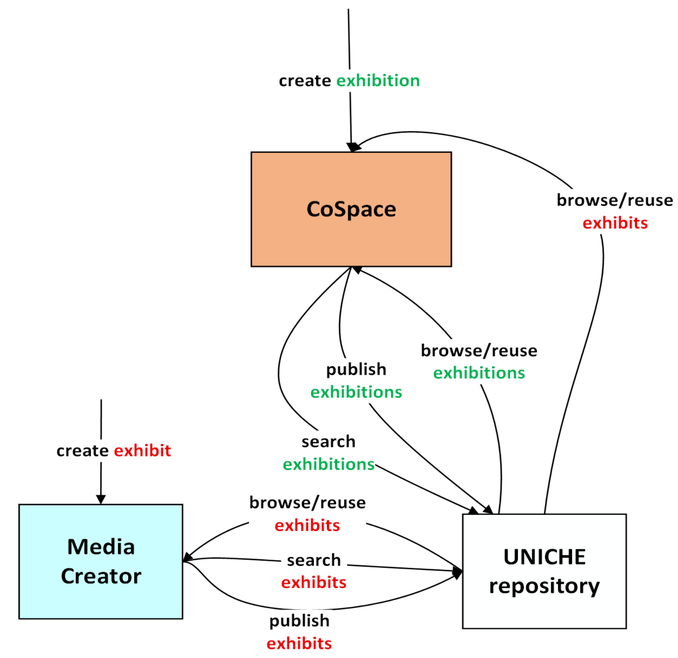
- **Designing** virtual exhibitions without having the physical exhibits
- **Testing** exhibition layouts without rebuilding the physical space
- **Accessing** exhibits virtually for the purpose of studying them
- **Collaborating** with experts from afar

Features

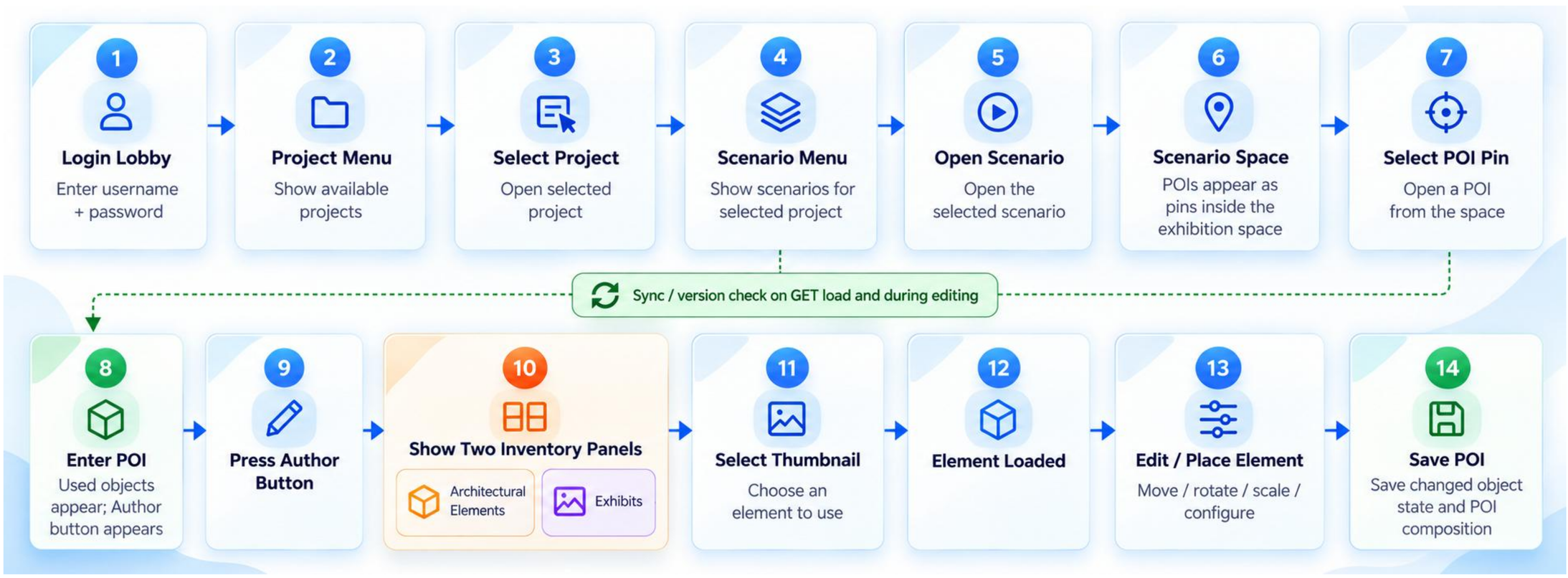
- **Multi-user** authoring tool
- **Real time** co-creation of virtual space layouts
- Integration of an asset **back-end repository**
- Support for **various asset forms** (3D models, images, videos, texts)
- Rule-style **distance measurement** in the physical space



- **Exhibits** (assets) created in Media Creator or drawn from a gallery
- **Exhibitions** (virtual layouts) created in CoSpace
- Exhibits and exhibitions are saved to / loaded from UNICHE repository



High-Level UX Interaction Flow



Acknowledgments

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