INFINITE BIM Platform

Davide Madeddu, One Team srl
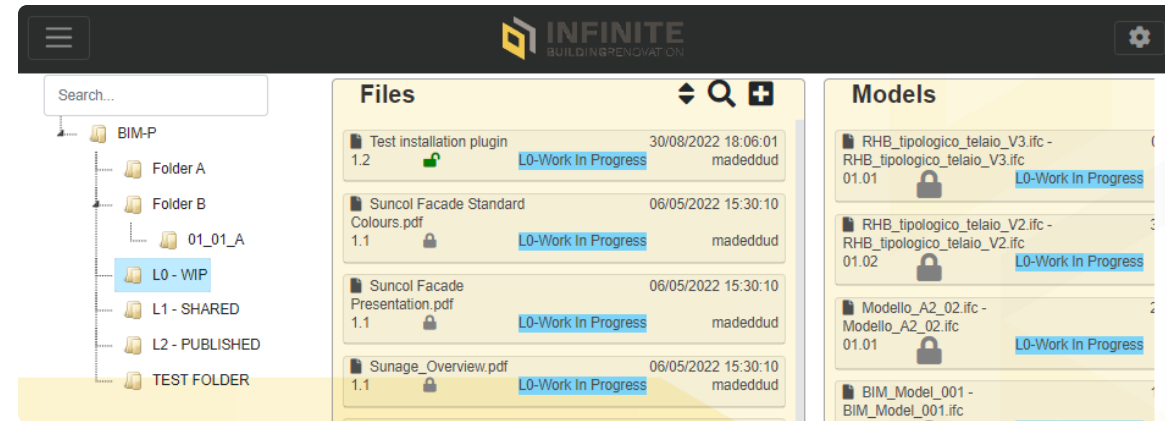
Online, 11/06/2024

Main Functionalities

– **Shared workspace:** the platform's shared workspace ensures that multidisciplinary teams of architects and engineers can work together effectively, enhancing overall project quality.

– **All documents in one place:** the platform collect, manage, and disseminate all project information, including models, drawings, specifications, and documentation. This easier document management process reduces the risk of errors due to miscommunication.

Main Functionalities

Custom folder hierarchy

User A –

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User B –

one team

3

Main Functionalities

- **Compliance with industry standards:** the platform aligns with industry standards like ISO 19650, helping architects and engineers stay in compliance with the latest requirements.

- **Classification and tagging:** customizable classifications and tags make it easier to organize and categorize documents. This feature helps architects and engineers find and access the information they need quickly
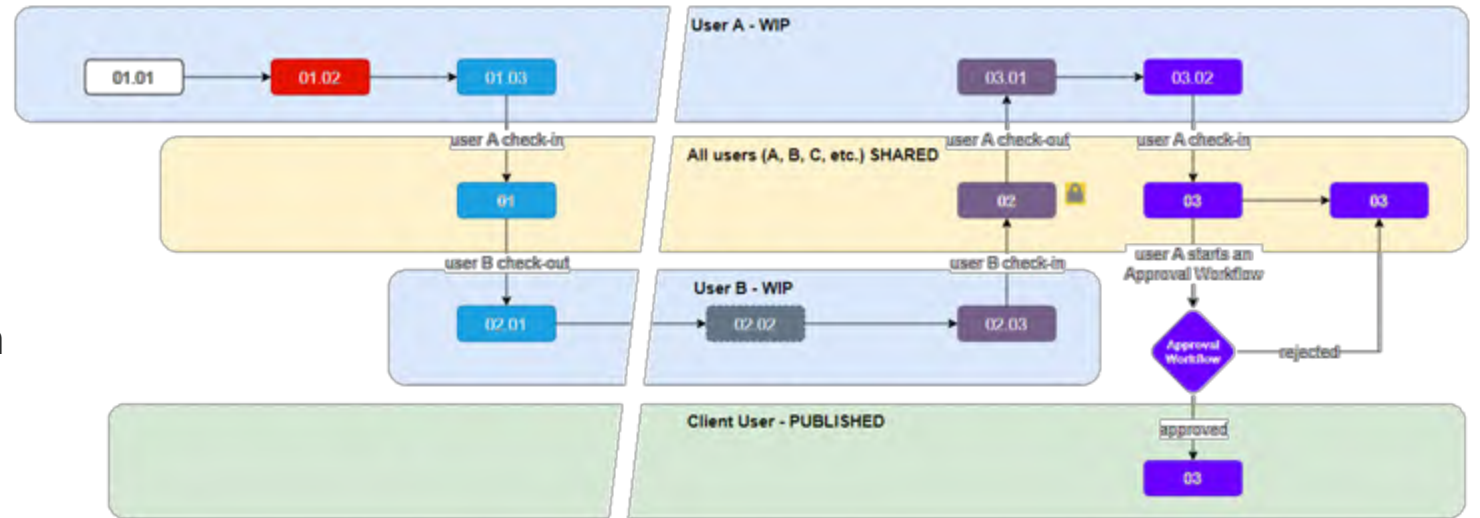
Main Functionalities

- **Data security:** BIM-P ensures controlled access to project information, protecting sensitive data while allowing team members to access relevant documents.

- **History of changes:** document revisions over time can be easily tracked, providing a clear history of changes. This is essential for maintaining version control and ensuring that everyone is working with the most up-to-date information.
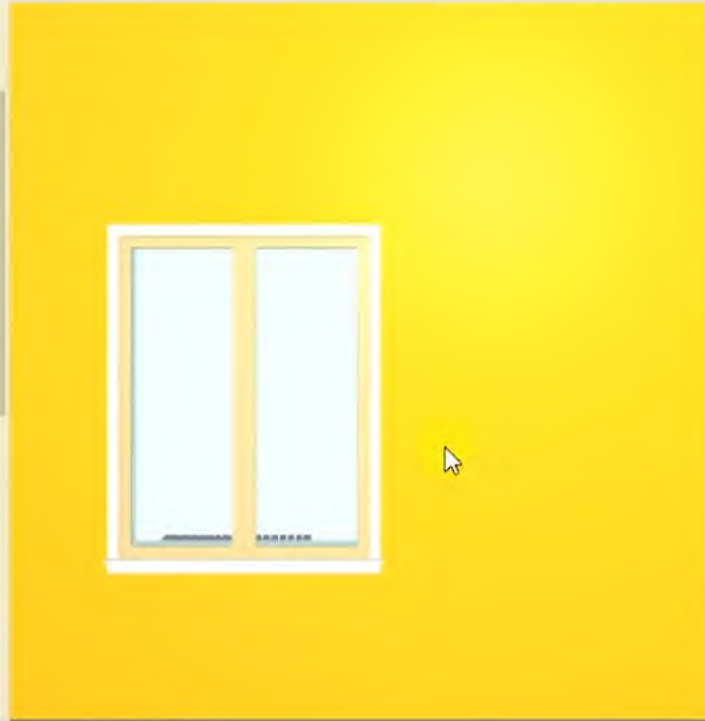
Main Functionalities

- **Integration with 3D Models:** BIM-P enables architects and engineers to link documents with 3D models and model elements. This is particularly useful for design, analysis, and simulation activities.

- **Open API interface:** external applications can be integrated with the platform through an open API interface. This feature extends functionality and allows for seamless interaction with other tools.
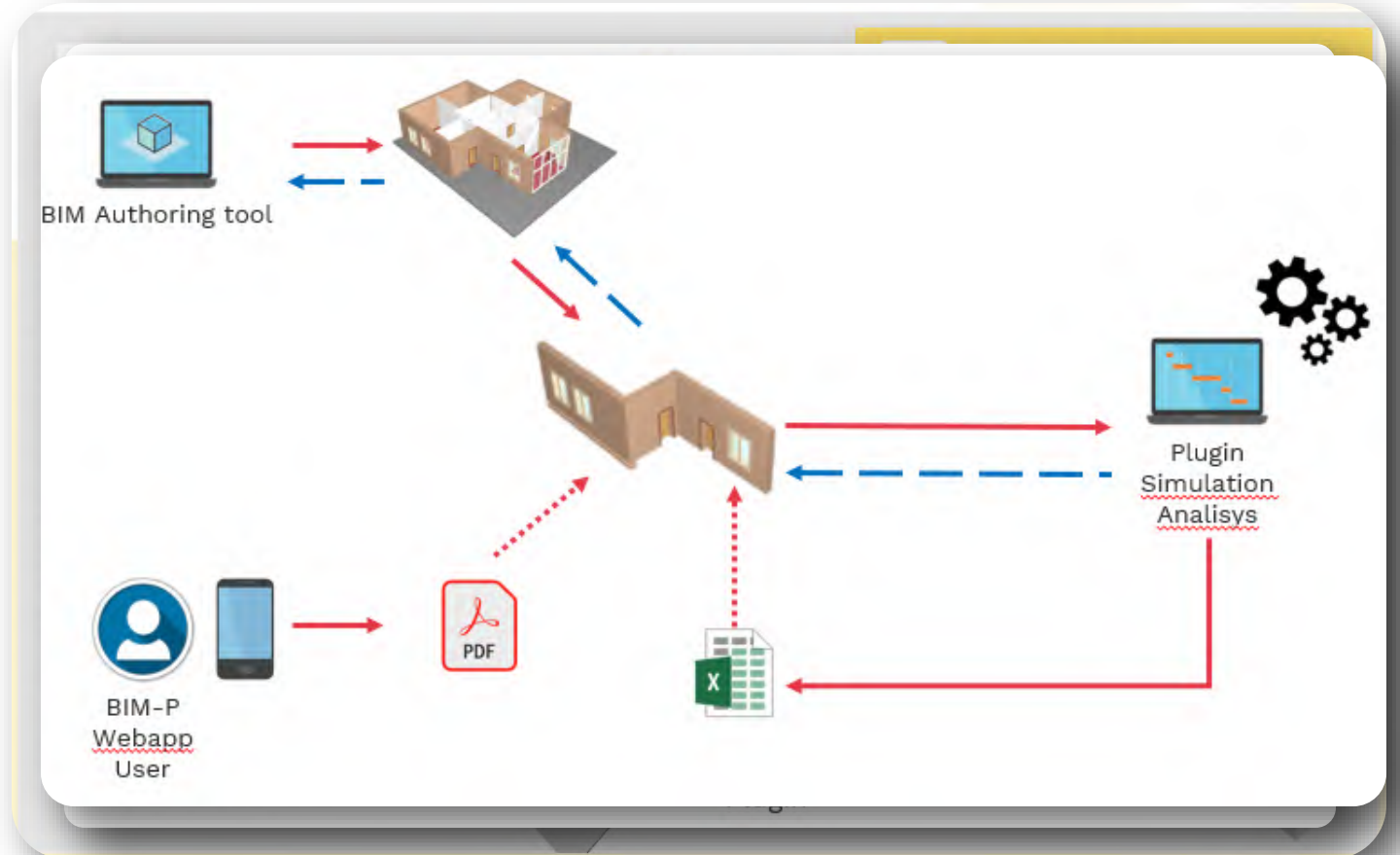
BasicModel_Demonstration

Hierarchy   Zones   Groups   filter text

28 - IfcSpace
1 - IfcSpace
2 - IfcSpace
3 - IfcSpace
4 - IfcSpace
5 - IfcSpace
6 - IfcSpace
7 - IfcSpace
9 - IfcSpace
Muro di base:Exterior - Render on Brick on Block:346560 - IfcWallStandardCase
Muro di base:Exterior - Render on Brick on Block:346561 - IfcWallStandardCase
Muro di base:Exterior - Render on Brick on Block:346562 - IfcWallStandardCase
Facciata continua:Storefront:346563 - IfcCurtainWall
M_Window-Casement-Double:1400 x 1800mm:346760 - IfcWindow
M_Trim-Window-Exterior-Flat:with Sill:346765 - IfcBuildingElementProxy
M_Window-Casement-Double:1400 x 1800mm:346831 - IfcWindow
M_Trim-Window-Exterior-Flat:with Sill:346836 - IfcBuildingElementProxy
M_Window-Casement-Double:1400 x 1800mm:346907 - IfcWindow
M_Trim-Window-Exterior-Flat:with Sill:346912 - IfcBuildingElementProxy
M_Window-Casement-Double:1400 x 1800mm:346963 - IfcWindow
M_Trim-Window-Exterior-Flat:with Sill:346968 - IfcBuildingElementProxy
M_Window-Casement-Double:1400 x 1800mm:347023 - IfcWindow
M_Trim-Window-Exterior-Flat:with Sill:347028 - IfcBuildingElementProxy
Muro di base:Interior - 79mm Partition (1-hr):347365 - IfcWallStandardCase
Muro di base:Interior - Blockwork 190:347706 - IfcWallStandardCase
Muro di base:Interior - 79mm Partition (1-hr):347735 - IfcWallStandardCase

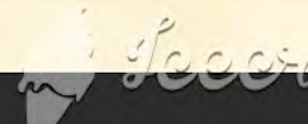Main   Type   Material   Properties
Custom   Ref&Links

ConnectedTo
IfcRelConnectsPathElements   IfcRelConnectsPathElements #
IfcRelConnectsPathElements   IfcRelConnectsPathElements #
IfcRelConnectsPathElements   IfcRelConnectsPathElements #
IfcRelConnectsPathElements   IfcRelConnectsPathElements #
IfcRelConnectsPathElements   IfcRelConnectsPathElements #
IfcRelConnectsPathElements   IfcRelConnectsPathElements #

General
ContainedInStructure (∞)   IfcRelContainedInSpatialStructu
ContainedInStructure (∞)   IfcRelContainedInSpatialStructu
Defining Type   Muro di base:Exterior - Render
                 #1397
Defining Type   Muro di base:Exterior - Render
                 #1397

BasicModel_Demonstration

Consortium

Coordinator

eurac research

Project Partners
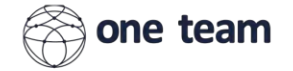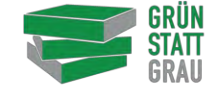
Thank you

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