

# DEC-O: an ontology framework and interactive 3D interface for interior decoration applications in the web

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Project acronym: DECO



**European Union**  
European Social Fund



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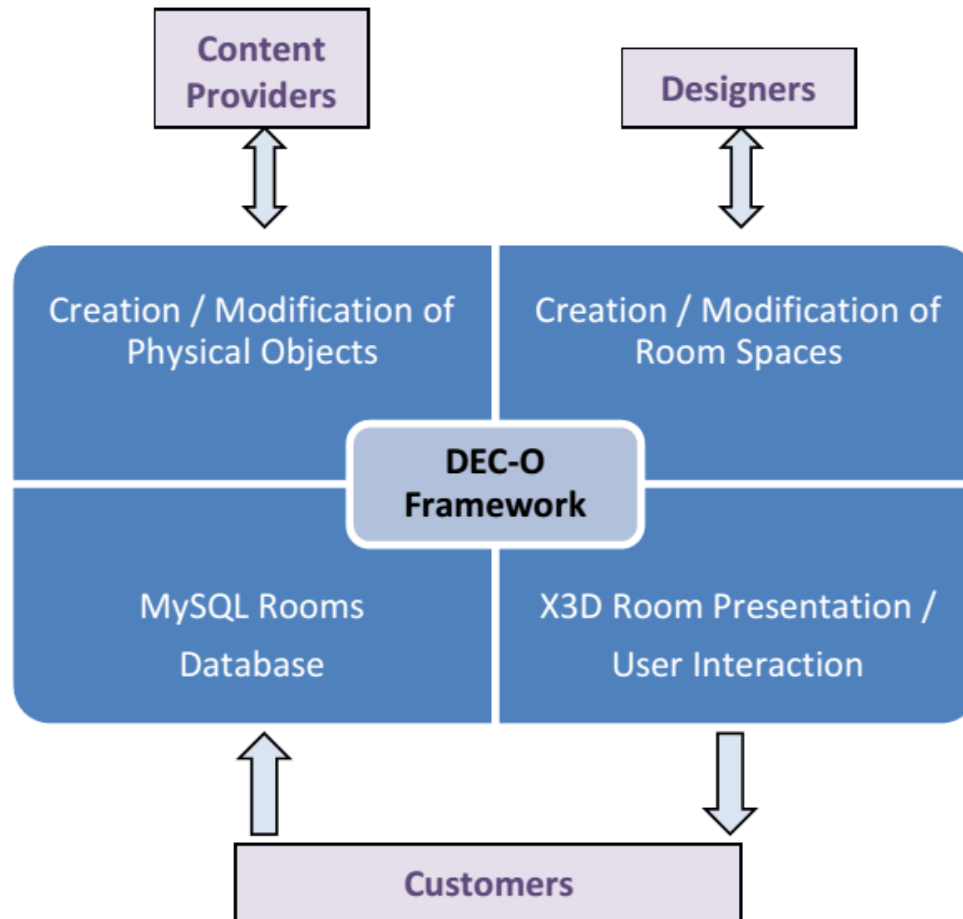


# DECO project

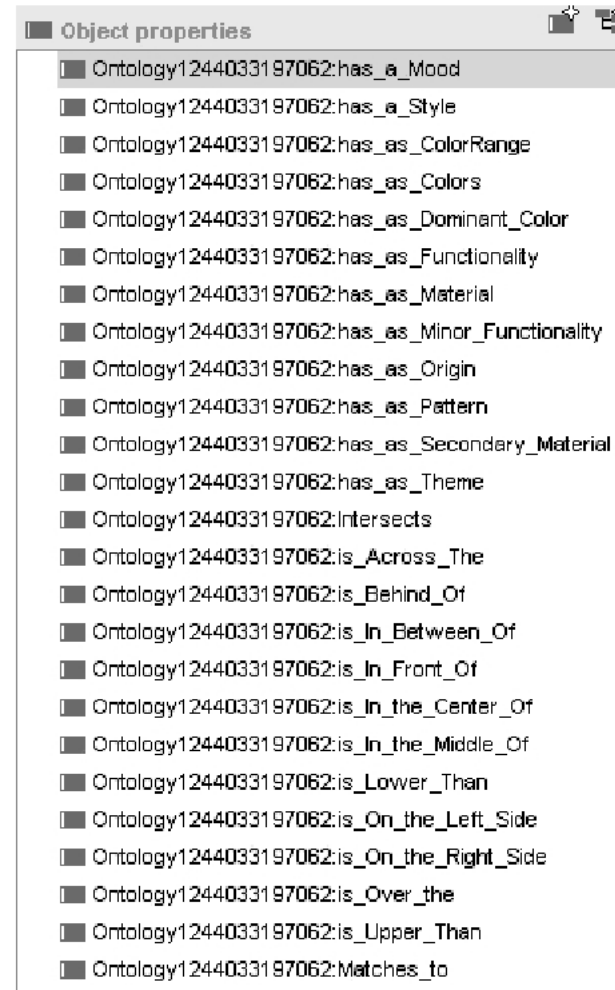
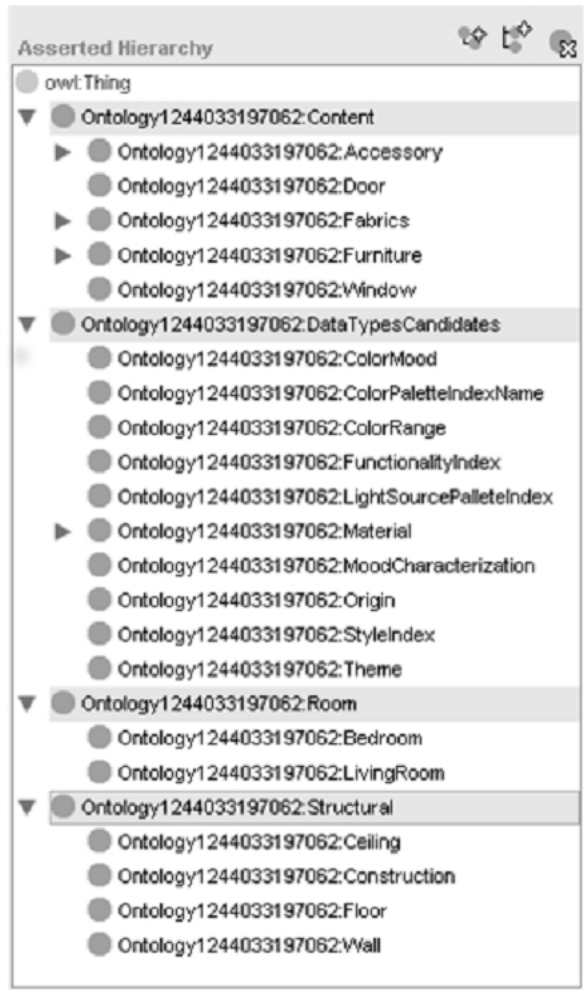
**Decoration Ontology (DEC-O) project, is a three-year project currently in the final year. Within the DEC-O project, we have developed an extensive ontological framework for the description of indoor areas from an interior design perspective, incorporating all possible relevant aspects of decoration. Moreover we have developed a UI for three level interoperability between OWL <> SVG<>X3D**



# The DECO architecture



# The DECO (owl) ontology (1/4)



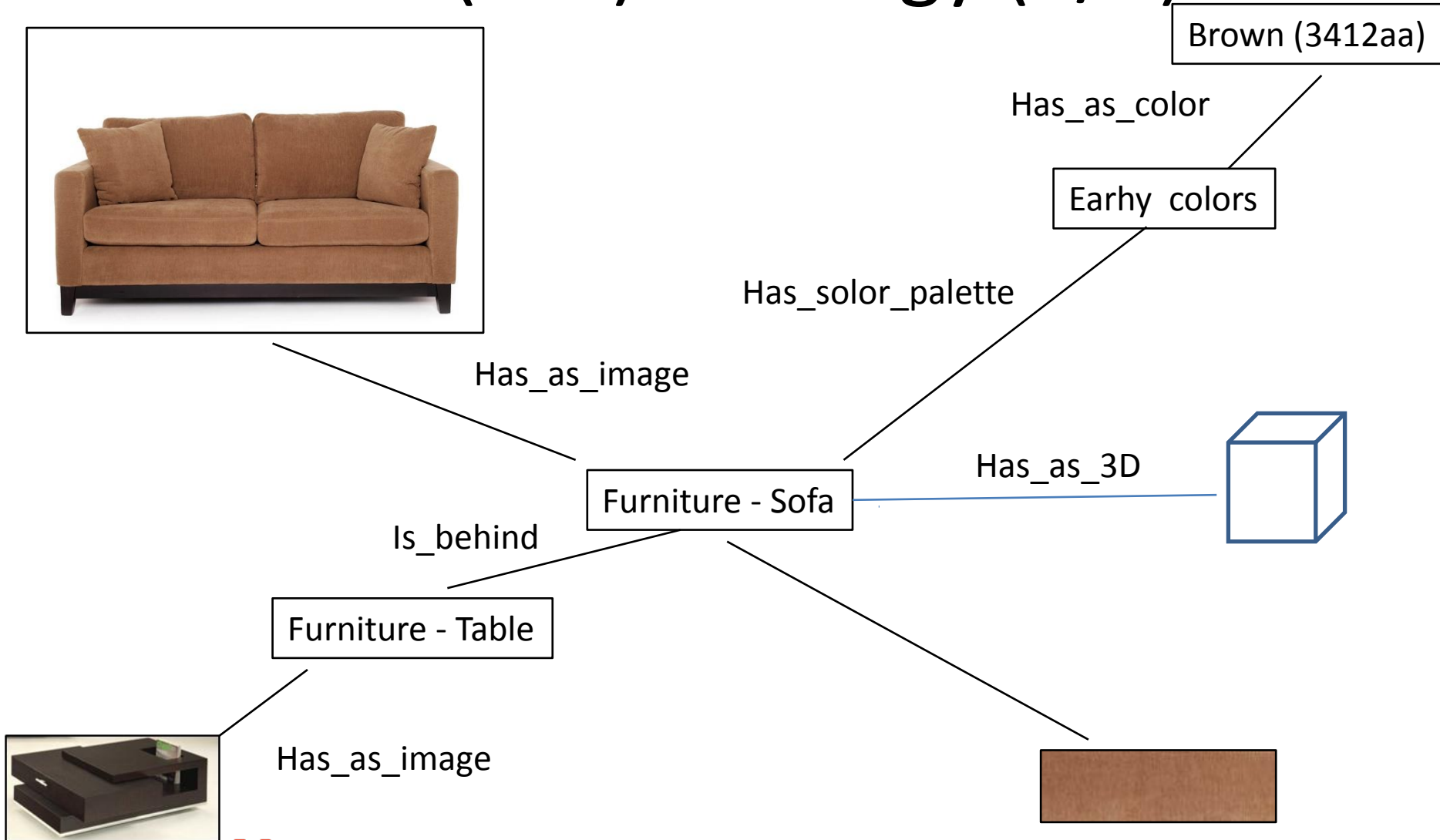
# DECO (owl) ontology (2/4)

Datatype Properties	
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Ontology1 244033197062:has_as_Function_Type	
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Ontology1 244033197062:has_as_Illumination_Target	
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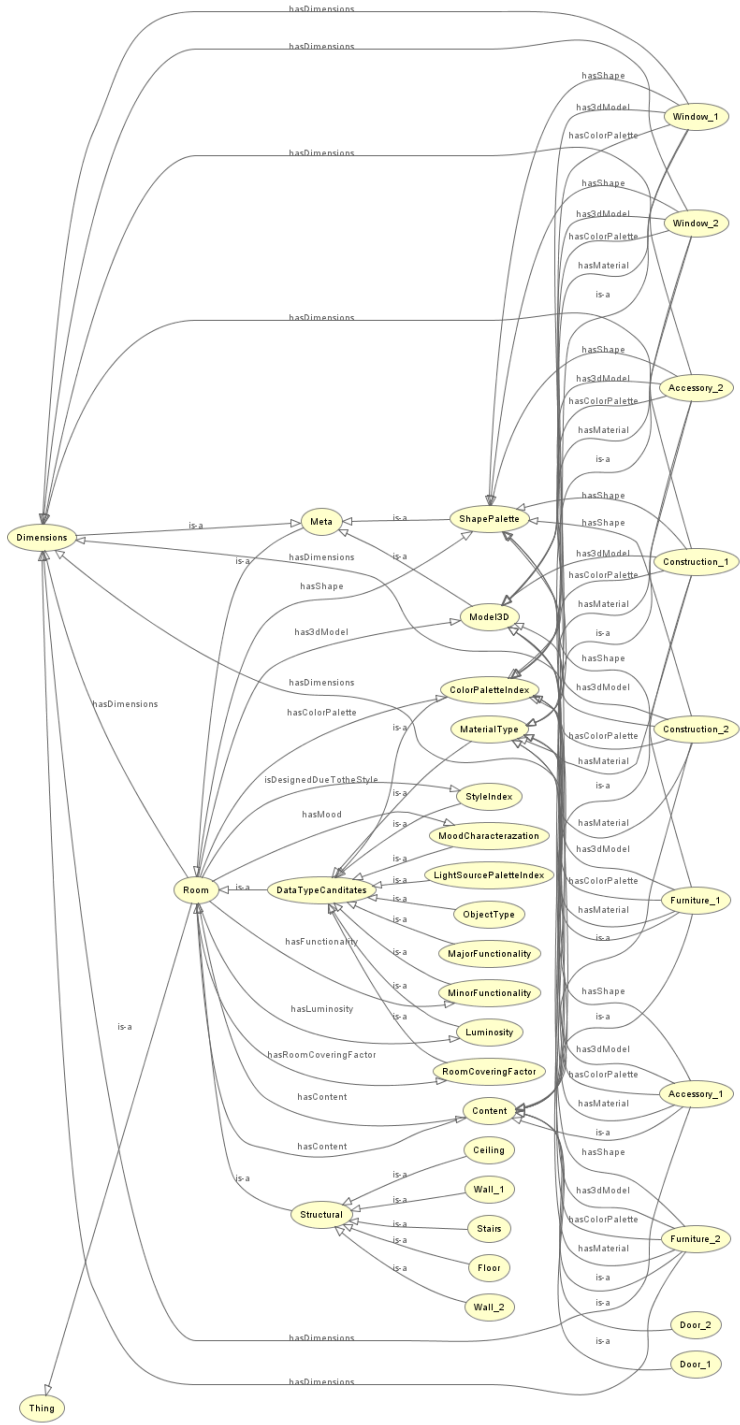
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Ontology1 244033197062:has_as_TargetGroup_for_LivingRoom	
Ontology1 244033197062:has_as_Technotropia	
Ontology1 244033197062:has_as_TopViewURL	
Ontology1 244033197062:has_as_Width_Dimension	
Ontology1 244033197062:has_DoubleBed	
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Ontology1 244033197062:number_of_Females	
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Ontology1 244033197062:to_be_Placed_at	



# DECO (owl) ontology (3/4)



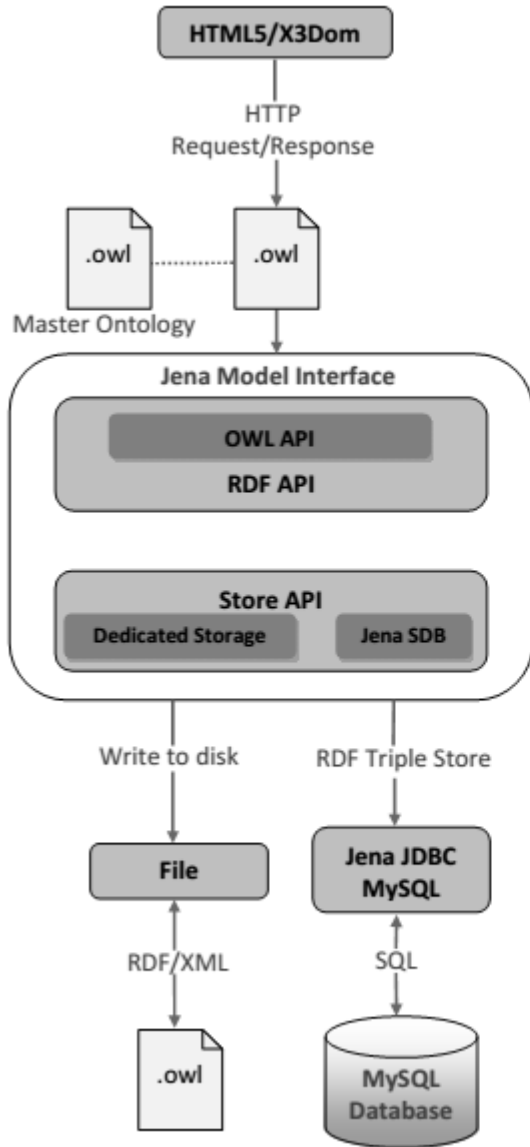
# DECO (owl) ontology (2/4)



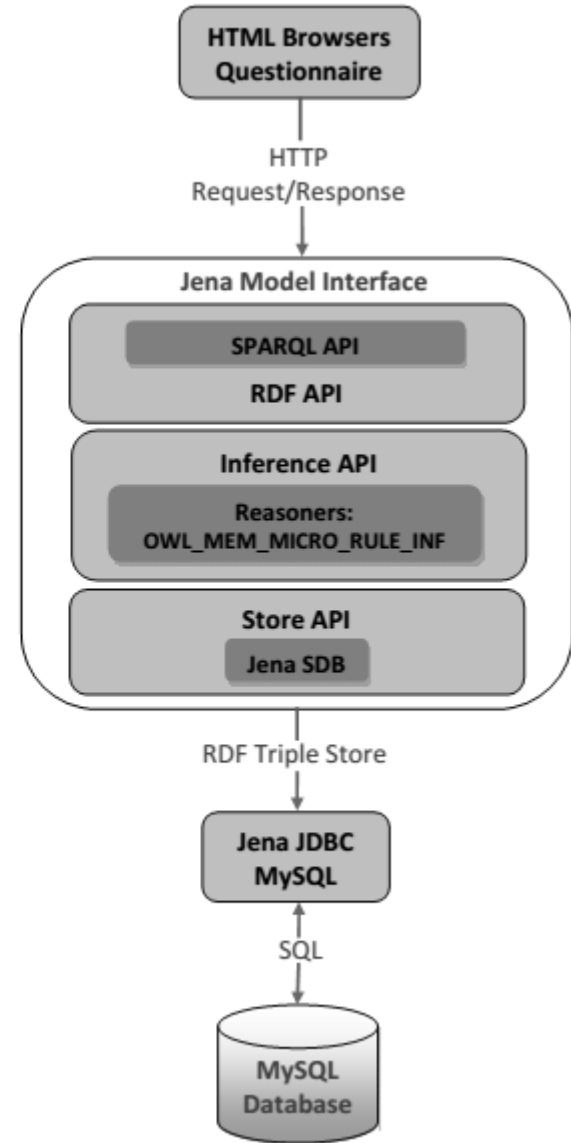


# DECO platform

ADMINISTRATOR / CONTENT PROVIDER



USER / CUSTOMER



# Demo video



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