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## COLLABORATIVE EUROPEAN DIGITAL ARCHIVE INFRASTRUCTURE

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<b>Title of Deliverable:</b>	Architecture description (portal, VRE, visualisation)
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<b>Dissemination Level:</b>	PP = restricted to other programme participants
<b>Nature of Deliverable:</b>	P = Prototype (according to the DOW)
<b>Abstract (150 words):</b>	“Architecture description (portal, VRE, visualisation): Architecture planning in CENDARI will have to integrate different factors: (1) the functional descriptions, (2) the existing information systems of the archives and research institutions in the CENDARI target community, as well as (3) the technical infrastructure as available through DARIAH and affiliated projects like EHRI.” (DOW)





The goal of this work is to generate a list of the most essential requirements users will rely on in their future work when using the CENDARI system and to incorporate this list of requirements into the prototypical development. Therefore, in a first step, user-scenarios presented in text or tabular form were transferred into use-case diagrams in a universal and standardised notation, the Unified Modelling Language (UML) to obtain a comparable basis on which to proceed. Subsequently, basic requirement areas were determined and relevant demands to these functions were extracted. In a next step, these demands were transferred into standardised form, i.e. use-case diagrams, too. Finally, on the basis of the use-case diagrams, the three most essential requirements were identified: *Search*, *Networking* and *Visualisation*.

By identifying these three requirements, this document builds a bridge between the user-scenarios by scientific experts<sup>1</sup> and the creation of the two CENDARI prototypes. However, please note that the requirement analysis is largely based on specific research issues and thus cannot be universally regarded as a catalogue of requirements. The intention of this document is therefore to summarise the exemplary requirements, to generalise them and to remove possible redundancies.

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<sup>1</sup> See CENDARI Deliverable 8.1