



D8.1 Initial Experimental Production and Evaluation Plan



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| Abstract | This report discusses “how the partners plan to evaluate the sentient agent under the different scenarios for experimental production and prototype evaluation”, as stated in the Description of Action (DoA). The core of the document is section 3 contains initial evaluation plans for each use case, at each subsection. The use cases, presented in another deliverable, represent the evolution and detail of the experimental production(s) and prototypes. Section 2 introduces the general methodology and the context of the deliverable, and the final section summarises the plans and discusses the perspectives for their updating. |
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1. Executive Summary

This report discusses “how the partners plan to evaluate the sentient agent under the different scenarios for experimental production and prototype evaluation”, as stated in the Description of Action (DoA).

The general evaluation methodology, essentially recalled from the DoA, the context of the document and its role are presented in Section 2.

The core of the document is Section 3 and contains initial evaluation plans for each use case, at each subsection. The use cases, presented in deliverable D2.1 Report on Scenario Use Cases and Pipelines for Virtual Sentient Agent, represent the evolution and detail of the experimental production(s) and prototypes. The different subsections present the background of each case, the different techniques for evaluation, the actors and schedule that have been formulated at the current stage of the project, the end of its first year. Initial evaluation of some aspects will take place during the first half of the second year of the project, while more significant evaluation will happen in the second half, and essential aspects of evaluation will take place in the third year of the project.

Section 4 contains a summary of the evaluation plans presented, discusses the perspectives for updating the plans, as evaluation is a highly dynamic process for this project, and a conclusion.

2. Introduction

This deliverable is based on D2.1 *Report on Scenario Use Cases and Pipelines for Virtual Sentient Agent*, where the different key scenarios for the sentient agent were defined. It is also based on the general evaluation methodology, which was laid out in the DoA, which is essentially recalled below, in subsection 2.1.

Let us remark that the focus of this document is on the complex evaluation related to the use cases, as more technical evaluation, or respect to the advances in the state of the art, are dealt with by the self-assessment plan and are included in the specific respective deliverables.

2.1 Evaluation Methodology: General Aspects

Testing and evaluation are essential key element of successful technological research and innovation. In PRESENT, we distinguish between three different components, each of which has its own methodology:

Peer-reviewed academic evaluation of research findings;

Testing, debugging and evaluation of prototype tools, processes and other innovations;
and

Conceptual and perceptual evaluation of creative applications.