System Description Template

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Abstract. Please follow the given structure and answer the questions as concisely as possible, not exceeding the total of 5 pages.

An important topic is to determine whether your system is already a truly multi-agent system or rather a (single) agent system, that you are planning to extend into a multi agent system in the future.

1 Introduction

2 System Analysis and Design

1. How is your system specified and designed?
2. Did you use any existing multi-agent system methodology such as Prometheus, Gaia or Tropos?
3. Which strategies and algorithms did you use?
4. How are the following agent features implemented: *autonomy*, *proactiveness* and *communication* and *coordination*?
5. Do all agents follow the same (common) goals?
6. Is your system a truly **multi**-agent system or rather a centralised system in disguise?

3 Software Architecture

1. Which programming language is used to implement the multi-agent system?
2. How is the designed architecture (both multi-agent and individual agent architectures) mapped to programming codes, i.e., how are specific agent-oriented concepts and modules of the architecture implemented using the underlying programming language?
3. Which platform, tools and techniques are used?

Please give reasons why you have chosen the methods explained above.

4 Conclusion