Research plan form - Graduation project AI&ES

Title graduation project:
Student name:
Student ID number:
Department:
Research group:
Thesis supervisor:
Date:

1. **Background and already obtained results in the topic:**

Provide a short introduction to the topic of the project. What is the broad research area? What is the gap in knowledge of this topic that you are going to research and explain why it is important?

2. **Literature survey**

Relevant literature references of scientific articles and/or books that underlie the research proposal.

3. **Research questions**

What are you going to research? Provide a clear specification of the main research question and possibly sub questions, including any hypotheses to be tested. Make the research questions measurable. It must be possible to ascertain whether the stated research questions have been achieved.

4. **AI&ES relevance**

Explain why your project fits the Artificial Intelligence & Engineering Systems domain.

5. **Research methods**

How are you going to answer your research questions? Provide a sufficient description of the research methods and materials you will use during your project so that your supervisor can assess the appropriateness of your research approach, methods and materials, and of the quality and reliability of your data. What resources will you use or require? If an external party, such as a company, is involved, state what you need from this external party.

6. **Expected outcomes of the project**

What kind of results are expected? Provide a description of the expected outcomes in terms of potential findings and outcomes; implications for future research; and of the practical relevance of the expected outcomes. Describe any deliverables (beyond the graduation report) that may emanate from the project.

7. **Time planning:**

Provide an outline of the main activities or tasks of your project and their timetable with time estimated per activity or task. Work chronologically in months and weeks starting with day 1 of the project phase and ending with your final presentation and defense.

Note: The Research plan must be 4 pages maximum.