

C Disclosure of Delegation to Generative Artificial Intelligence

The author, Jane Doe and John Smith, acknowledge the use of the following generative artificial intelligence tools in the development of this thesis. These technologies were utilized under strict supervision, and all AI-generated outputs were critically reviewed and verified for accuracy. The author accepts full responsibility for the validity and originality of the content, confirming that the use of these tools aligns with all institutional policies and standards of academic integrity.

Generative AI tools used: ChatGPT-4o, Gemini 1.5 Pro, and GitHub Copilot.

Activities supported by Generative Artificial Intelligence Tools:¹

Conceptualization

- | | | |
|---|--|--|
| <input type="checkbox"/> Idea generation | <input type="checkbox"/> Formulating research questions and hypotheses | <input type="checkbox"/> Hypothesis viability assessment |
| <input checked="" type="checkbox"/> Defining the research objective | <input checked="" type="checkbox"/> Feasibility assessment and risk evaluation | <input type="checkbox"/> Simulated debate and argument testing |

Literature Review

- | | | |
|---|---|--|
| <input type="checkbox"/> Search and Discovery | <input checked="" type="checkbox"/> Concept Mapping and Systematization | <input type="checkbox"/> Gap Identification and Novelty Evaluation |
| <input type="checkbox"/> Literature summarization and synthesis | <input type="checkbox"/> Market/patent landscape analysis | <input type="checkbox"/> Cross-lingual literature comprehension |

Methodology

- | | | |
|---|--|---|
| <input type="checkbox"/> Experimental Design Optimization | <input type="checkbox"/> Development of experimental or research protocols | <input checked="" type="checkbox"/> Methodological Instrument Selection |
|---|--|---|

Software Development and Automation

- | | | |
|---|--|--|
| <input type="checkbox"/> Code Generation | <input checked="" type="checkbox"/> Debugging and Repair | <input type="checkbox"/> Code documentation and comment generation |
| <input type="checkbox"/> Refactoring and Optimization | <input checked="" type="checkbox"/> Process automation | |
| | <input type="checkbox"/> Algorithm design | |

¹This list extends the AIDDeT taxonomy