Addendum

- The jury requests for minor modifications and asks the doctoral student to clarify certain passages of the thesis :
    - p4 confusion regarding the aim: "By providing a nuanced understanding of information retrieval in architectural design, the framework aids practitioners in navigating the complexities of digital tools and information-rich environments."
        * "By providing a nuanced understanding of information retrieval in architectural design, the framework represents a step toward theorizing the complex interactions between design, tools, and information retrieval. It establishes a foundation for future research and potentially practical applications, aimed at enhancing the efficacy of architectural design processes in the information age."
    - p227: "This flexibility should allow the framework to explore different approaches to design that require varying degrees of information retrieval related to"
        * "This adaptability suggests that the framework is well-suited to explore diverse approaches to design that require varying degrees of information retrieval related to both design and tool usage. Future research should investigate the applicability of this framework to other tools and design situations to fully understand its versatility"
    - p229: added "Beyond its theoretical contributions, the framework also holds practical potential for broader applications. In the context of architectural education, it has proven effective in isolating specific behaviors, enabling the use of these insights to inform the planning of learning objectives with a focus on enhancing information retrieval skills. This practical application underscores the framework's utility in educational settings, preparing students more effectively for professional challenges. However, the practical applications for practitioners are yet to be explored, suggesting a rich area for future research to examine how these theoretical constructs can be operationalized in professional practice."
    - Clarifications about the fact that the framework has not been validated but rather enriched by experimentations ;
        * p96: "As the conceptual framework has been established, the next step involves its empirical testing as part of the validation process. This phase is critical to verify the framework's applicability and efficacy in practical settings, a necessary step in building a conceptual framework (Jabareen, 2009)."
            · "As the conceptual framework has been established, the next step involves its application. This phase is critical to verify the framework's pertinence in practical settings [@Jabareen.2009]."

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* p226: " The thesis accomplishes this by developing and testing a conceptual framework to explore the nuances of information retrieval (...)"
    · " The thesis accomplishes this by developing a conceptual framework to explore the nuances of information retrieval (...)"
* p226: "This framework is then evaluated through the specific case of parametric design"
    · This framework is then applied through the specific case of parametric design
* p229: "The findings align with previous research in leveraged theories and concepts, further validating the conceptual framework's relevance."
    · "The findings align with previous research in leveraged theories and concepts, further supporting the conceptual framework's relevance."
* p229: "but also necessitate critical feedback and scholarly discourse for its evolution and adaptation."
    · "but also necessitate critical feedback and scholarly discourse for its evolution, adaptation and validation."
- Novice and Professionals
    * p206 "professional environments" -> "and potentially to professional environments."
    * p226 "By focusing on architecture students operating within PDEs, the study aims to reveal patterns and strategies in information retrieval that are indicative of broader trends in architectural practice whenever an architect is confronted with a new tool or a major update." -> "By focusing on architecture students operating within PDEs, the study aims to reveal patterns and strategies in information retrieval that could potentially indicate broader trends in architectural practice when architects are confronted with a new tool or a major update, although further research is necessary to confirm this applicability."
    * p227 "Although anticipated due to the course structure, this reliance is also relevant to professional contexts. When encountering new tools, individuals universally engage in a similar process that involves a heavy reliance on information retrieval." -> "Although this reliance is anticipated due to the course structure, it may also be relevant to professional contexts. When encountering new tools, individuals universally engage in a similar process that involves a heavy reliance on information retrieval, although further research is needed to confirm this applicability in professional settings."
- Justification explaining why the proposed methods are used and justified.
    * p105 et 108: Protocol analysis initially served as the methodolog-

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ical foundation; however, there was a shift from protocol coding to hypothesis coding to better align with the conceptual nature of our framework. This adjustment ensures that the coding process complies with the study's theoretical assumptions and research objectives.

– Limitations -The amount of participants is mentioned although not explicitly p220 - the high variability in responses suggests the need for either larger sample sizes or . . . - cautions against broad generalizations due to the sample's limited size and scope.
    * A introductory paragraph is added and explicit the sample nature such as size limitation and consequent lack of statistical approach as well as the nature of the sample being students, results showcase specific behaviors that might not translate into professional settings. Therefore results might bear insight into architectural design education but further search is necessary for professional settings.

– Note regarding AI has been put aside